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A-ONE Metal Working Machine

KOBECO

鎰美嘉機具有限公司

KOBECO MACHINE TOOLS SDN.BHD.

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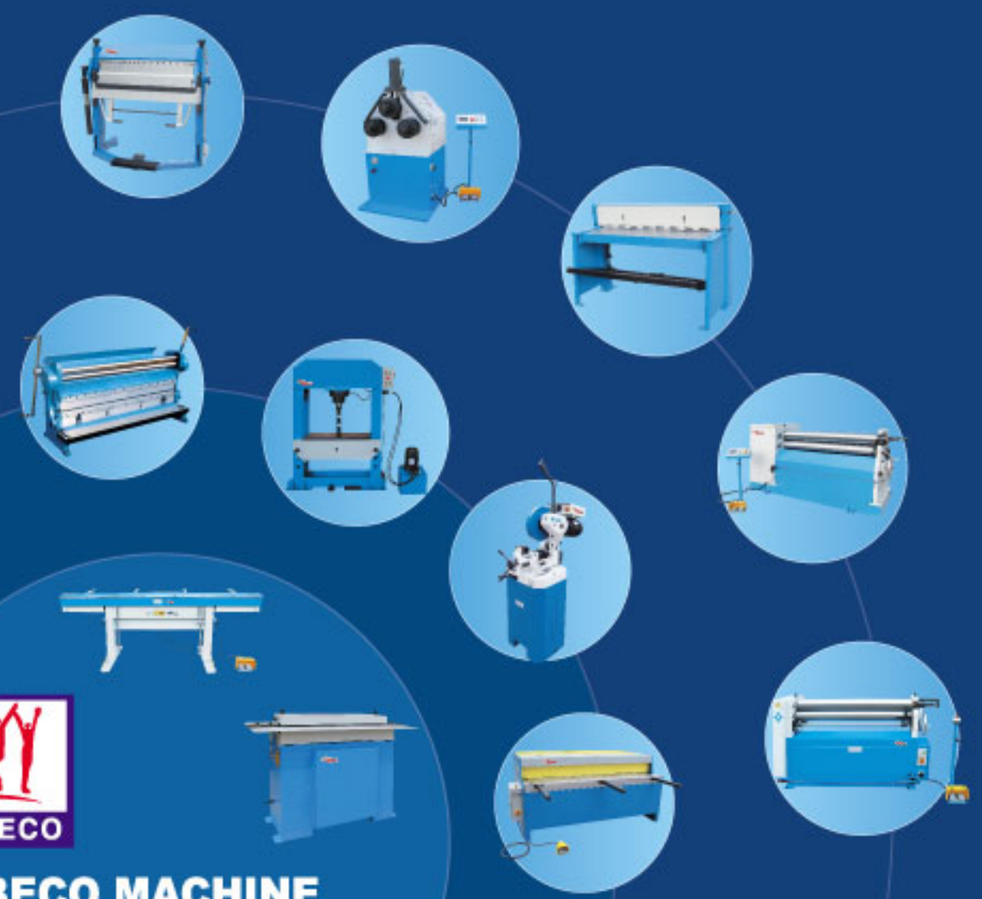
A-ONE

Metal Working Machine



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KOBECO MACHINE TOOLS SDN.BHD.

METAL CUTTING BAND SAW

BS-712N

BS-128DR/HDR

BS-115/115A

BS－85

BS-180G

BS-712GR/712GDR/912GR/912GDR

BS-260G /170G

BS-912B/1018B

BS-916V

BS-215G /280G

BS-1018R

TV-300 Cutting Saw

CS-315/350 Circular Saw

Rotary Machine /Round Bending Machine

RM08

RM12/18

RM24/36/42

RM18E

TR-40

TB-12

ETB-12

ETB-25/40

RBM30

RBM10

TR-50

ETR-50

RBM30HV

RBM40HV

RBM50

CHAMFERING and SANDER

Chamfering Machine CMD-4

Chamfering Machine CMD-80

Chamfering Machine DM5 /DM5A

Disc Sander DS-20

Disc Sander DS-12

Disc Sander DS-12A

Disc Sander DS-12B

Dust Vacuum System DVS14

Belt Grinder S-75/S-150

Tube End Grinder PRS-76

Belt Sander & Edge Beveller BKM250

Belt/Disk SanderBTM250

Disk Sander TSM300

BENDING MACHINE

W1.0X305/610//915/1220

W1.5X1220

W1.2X1060

BENDING/CUTTING BSM 1016

W1.5X1050

PBB 1020/2.5 PBB1270/2

W2.5X1220/W2.0X2040A

W1.2X1000

W1.2X460

Scroll Saw SS-13W SS-16W/SS-22W

Scroll Saw SS-16EC

Scroll Saw SS-18/SS-22

Drill Press WTZ-13

Drill Press WTZ-16Q

Drill Press WTZ-16JF

- with Variable speed
- with laser orientation

Drilling Machine T-40

Drilling Machine T-35

Drilling Machine T-25

SHEARING MACHINE

Hand Shear HS-5~HS-12

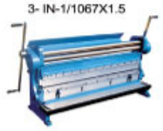
Mini Shear & Brake 8"

Bar & Section Shear PBS-7/PBS-8

Hand Notcher HN-4/HN-3

3- IN-1/305~1320

3- IN-1/1320X1.5
3- IN-1/1067X1.5



Q01-1.5X1320
Q01-2.0X1000

Guillotine Shear GS-1000I

Hand Shear HS-500/800/1000

Guillotine Shear GS-1000

Electric Shearing machine Q11-3x1250

Electric Shearing machine Q11-3x1300

Pipe Bender / Shrinker&Stretcher/ English Wheel

YP-38/YP-9

RB-2

UBM30

RB-1

TB-3

BP-3T

EBP-10T

F1.5x80

SS-16/SS-18

SS-16F

SS-18FD

FSM-16

PPH500

UFP-2

F1.2X560

F1.2X710

F1.2X1000

Wood-working Machine

WOOD LATHE MC330

WOOD LATHE TL-406

WOOD MILLING MACHINE WM-01

WOOD-CUTTING BANDSAW TBS-356

RADIAL ARM SAW J640-14

SURFACE PLANER AND THICKNESSER TDM260/320/410

W2.0x2040

W2.5x1220N

- Hand brake with one whole blade
- Includes floor stand
- Stop rod and counterweight assist
- With balanced hammer, it can easy to operate and easy for folding

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Width	Thickness	Angle		
373050	W2.5×1220N	1220mm (48")	2.5mm (12Ga)	0-136°	171×75×94	490/550
373111	W2.0×2040	2040mm (80")	2.0mm (14Ga)	0-135°	255×76×100	820/970
373112	W2.5×2040	2040mm (80")	2.5mm (12Ga)	0-135°	255×76×100	1010/1160
373113	W2.0×2540	2540mm (100")	2.0mm (14Ga)	0-135°	300×76×100	950/1180
373114	W2.5×2540	2540mm (100")	2.5mm (12Ga)	0-135°	300×76×100	1160/1330
373051	W2.0×3050	3050mm (120")	2.0mm (14Ga)	0-135°	350×77×110	1490/1690
373052	W1.2×3700	3700mm (146")	1.2mm (20Ga)	0-135°	425×85×120	1800/2020
373053	W0.8×4000	4000mm (157")	0.8mm (22Ga)	0-135°	470×90×120	2200/2450

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- With segment bending blade for the bending of box section
- Various widths segment shiftable setup
- With balanced hammer, it can easy to operate and easy for folding

W2.5x1220

W2.5x2540A

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Width	Thickness	Angle		
373107	W2.5×1220	1220mm (48")	2.5mm (12Ga)	0-135°	171×75×94	513/575
373126	W2.0×2040A	2040mm (80")	2.0mm (14Ga)	0-135°	255×76×100	850/1000
373127	W2.5×2040A	2040mm (80")	2.5mm (12Ga)	0-135°	255×76×100	1145/1295
373128	W2.0×2540A	2540mm (100")	2.0mm (14Ga)	0-135°	300×76×100	1190/1360
373129	W2.5×2540A	2540mm (100")	2.5mm (12Ga)	0-135°	300×76×100	1310/1480
373130	W2.0×3050A	3050mm (120")	2.0mm (14Ga)	0-135°	350×76×110	1490/1690
373060	W1.2×3700A	3700mm (146")	1.2mm (20Ga)	0-135°	425×85×120	2450/2670
373061	W0.8×4000A	4000mm (157")	0.8mm (22Ga)	0-135°	470×90×120	2700/2950

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W1.2x1060

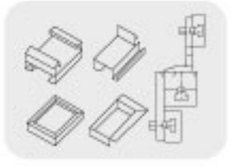
W1.2x1010
W1.2x1300

- With segment bending blade for the bending of box section
- Various widths segment

W1.5x1050

- Segment bending bar for the bending of box
- Section with various widths, glide position

W1.5x1050F



Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Length	Thickness	Angle		
373104	W1.2×1010	1010	1.2	0-150°	130×77×52	118/150
373005	W1.2×1040	1040	1.2	0-140°	136×68×116	80/121
373006	W1.2×1060	1060	1.2	0-150°	158×83×111	110/148
373108	W1.2×1300	1300	1.2	0-140°	157×76×52	118/148
373105	W1.5×1050	1050	1.5	0-135°	144×84×112	169/214
373125	W1.5×1050F	1050	1.5	0-150°	145×70×127	265/305

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PBB1020/1A
PBB1250/1A

36"/40"/48"/72" BRAKE

- Includes floor stand
- Compact design
- Specially designed for light gauge sheet metal work

WF1.0x3000/2020/2500

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Width	Thickness	Angle		
373149	PBB1020/1A	1020	1.0	0-135°	138×54×67	105/140
373148	PBB1250/1A	1250	1.0	0-135°	162×69×45	115/135
373136	36" BRAKE	915	12 gauge	0-120°	130×24×50	62/74
373137	40" BRAKE	1016	12 gauge	0-120°	134×24×50	69/83
373138	48" BRAKE	1220	20 gauge	0-120°	153×24×53	81/96
373139	72" BRAKE	1830	22 gauge	0-120°	217×36×64	145/180
373115	WF1.0×2020	2020	1.0	0-135°	245×94×70	455/600
373116	WF1.0×2500	2500	1.0	0-135°	307×94×62	550/730
373117	WF1.0×3000	3000	1.0	0-135°	358×94×62	640/840

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- A fully welded structure, and compact high quality engineering, ensure minimum maintenance, together with simple and safe operation
- They have the function of air spring which can be installed Inside the arm(Optional)
- With foot control. It is easy for operation and relax hands

PBB1020/2.5

PBB2020/1.2
PBB2520/1.0

Item No.	373150	373151	373152	373153	373154
Model	PBB1020/2.5	PBB1270/2	PBB1520/1.5	PBB2020/1.2	PBB2520/1.0
Max. working length(mm)	1020	1270	1520	2020	2520
Max. sheet thickness(mm)	2.5	2.0	1.5	1.2	1.0
Max. clamping bar lift(mm)	47	47	47	47	47
Folding angle	0-135°	0-135°	0-135°	0-135°	0-135°
Packing size(cm)	146×64×131	171×71×131	196×71×130	247×94×132	297×94×132
N.W./G/W.(kg)	285/320	320/360	385/456	490/640	590/770

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- With foot control. It is easy for operation and relax hands for adjusting the material
- They have the function of air spring which can be installed inside the arm(Optional)
- The press blade and folding blade are segment structure

PBB1020/2A

- A fully developed quick release system for the clamp beam segment ensures fast interchangeability
- The folding beams are fitted with a counter-balance and angle stop to provide a perfect and effective operation within the full capacity of the machine
- The optional back-gauge can be easily mounted when using the pre-drilled fixing points

PBB1020/3SH

Item No.	373161	373162	373165	373163	373164
Model	PBB1020/2A	PBB1270/2A	PBB1520/1.5A	PBB1020/3SH	PBB1270/3SH
Max. working length(mm)	1020	1270	1520	1020	1270
Max. sheet thickness(mm)	2.0	2.0	1.5	2.0	1.5
Max. clamping bar lift(mm)	47	47	47	45	45
Folding angle	135°	135°	135°	150°	150°
Packing size(cm)	146×64×131	171×71×131	196×71×130	142×59×142	167×66×142
N.W./G/W.(kg)	320/350	350/385	395/466	430/470	465/510

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TSBS 2020/2

- Steel welded design
- Rigid and durable structure
- Segments: 25,30,35,40,45,50,75,100,150,200,200,270,400,400mm
- Lever for the swivel movement of the bending beam

TSB 2020/2

- Steel welded design
- Rigid and durable structure
- One whole blade
- Lever for the swivel movement of the bending beam

Item No.	Model	Capacity			Packing size	Weight
		Length	Thickness	Angle		
373301	TSB 2020/2	2020mm	2mm	0-135°	280x71x150cm	1010/1220kg
		80"	14Ga			2230/2690lb
373302	TSBS 2020/2	2020mm	2mm	0-135°	280x71x150cm	1020/1230kg
		80"	14Ga			2250/2710lb
373306	TSBS 2540/1.5	2540mm	1.5mm	0-135°	337x72x150cm	1250/1400kg
		100"	16Ga			2750/3080lb
373308	TSBS 3020/1.2	3020mm	1.2 mm	0-135°	385x72x150cm	1385/1570kg
		119"	18Ga			3048/3456lb

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TFS 2020B

- A fully welded structure, and compact high quality
- With foot control. It is easy for operation and relax hands

TSB 2060/2

- Cast iron design
- Rigid and durable structure
- Versatile application
- Use with a hammer, canred uce bending resistance

Item No.	Model	Capacity			Packing size	Weight
		Length	Thickness	Angle		
373303	TSB 2060/2	2060mm	2mm	0-135°	310x76x150cm	1750/1995kg
		81"	14Ga			3530/4405lbs
373169	TFS 2020B	2020mm	1.2mm	0-135°	247x94x132cm	500/650kg
		80"	18Ga			1105/1436lbs

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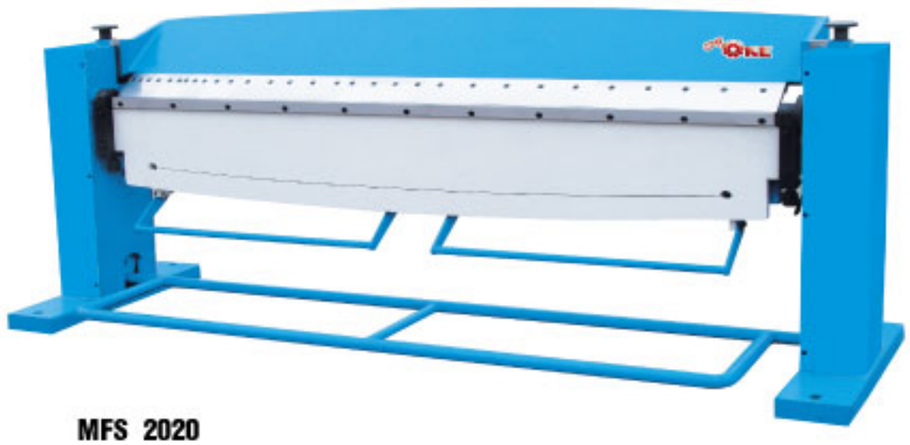
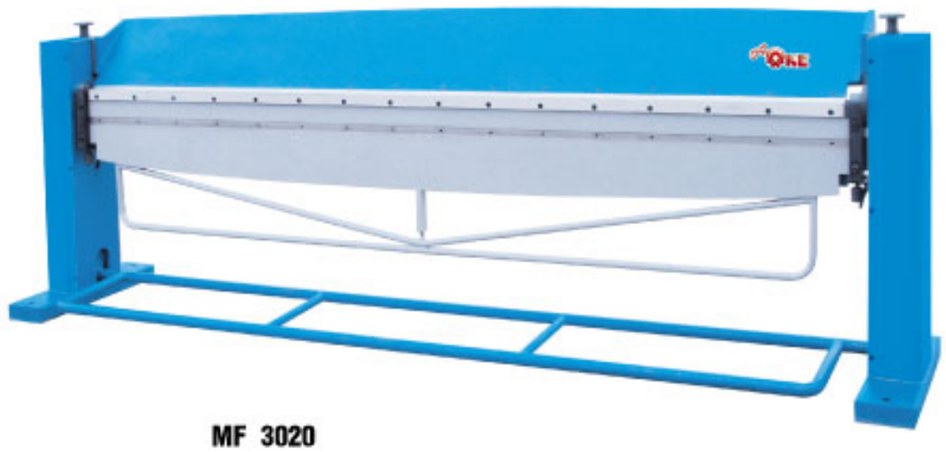


MFS 2020

- Segments: 25,30,35,40,45,50,75,100,150,220,250,500,500mm
- With foot control. It is easy for operation and relax hands



MF 3020

- One whole blade
- With foot control. It is easy for operation and relax hands

Item No.	Model	Capacity			Packing size	Weight
		Length	Thickness	Angle		
373304	MFS 2020	2020mm	1.5mm	0-135°	265x83x146cm	860/1070kg
		80"	16Ga			1895/2360lb
373305	MF 3020	3020mm	1mm	0-135°	365x83x146cm	1300/1550kg
		120"	20Ga			2865/3420lb

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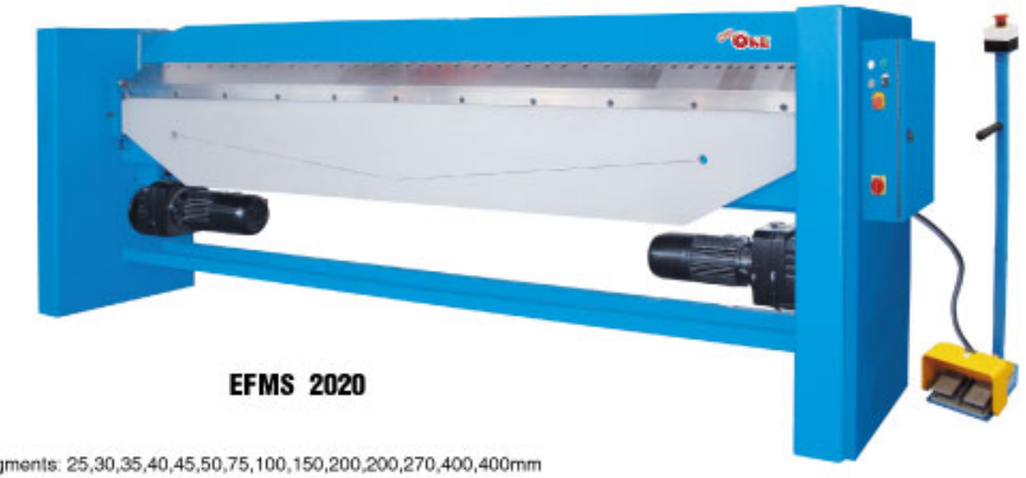

EFMS 2020

- Segments: 25,30,35,40,45,50,75,100,150,200,200,270,400,400mm
- With foot pedal for operation and relax hands

EFM 3020

- One whole blade
- With foot pedal for operation and relax hands

Item No.	Model	Capacity				Motor Pressing	Motor Folding	Packing size (cm)	Weight
		Width	Thickness	Angle	Opening Height				
373311	EFMS 2020	2020mm	1.5mm	0-135°	100mm	0.37kW	0.75kW	283x76x141	1050/1260kg
		80"	16Ga		4"	0.50HP	1HP		2320/2780lb
373312	EFMS 2520	2520mm	1mm	0-135°	100mm	0.37kW	0.75kW	333x76x141	1310/1620kg
		100"	20Ga		4"	0.50HP	1HP		2890/3575lb
373313	EFMS 3020	3020mm	1mm	0-135°	100mm	0.37kW	0.75kW	383x76x145	1630/1930kg
		120"	20Ga		4"	0.50HP	1HP		3598/4260lb
373314	EFM 2020	2020mm	1.5mm	0-135°	100mm	0.37kW	0.75kW	283x76x141	1010/1220kg
		80"	16Ga		4"	0.50HP	1HP		2230/2690lb
373315	EFM 2520	2520mm	1mm	0-135°	100mm	0.37kW	0.75kW	333x76x141	1260/1510kg
		100"	20Ga		4"	0.50HP	1HP		2780/3330lb
373316	EFM 3020	3020mm	1mm	0-135°	100mm	0.37kW	0.75kW	383x76x145	1560/1860kg
		120"	20Ga		4"	0.50HP	1HP		3440/4100lb

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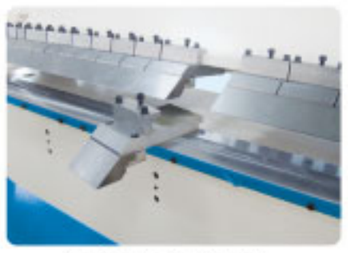
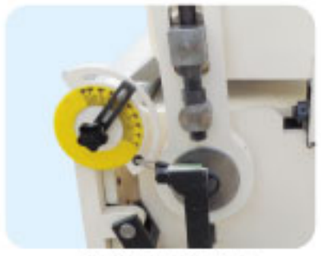
HW1830X3.5 Type A - movable control panel



Segment for bending box



Bending angle setting

Back gauge

- Rigid steel-welding structure for 3.5mm thickness
- Easily adjust the distance of upper & lower tools by hand wheels
- Bending angle setting device, angle range from 0-135 degress
- Foot pedal switch, free hands from control

Item No.	373501	373502
Model	HW1220×3.5	HW1830×3.5
Max.bending thickness(mm)	3.5 (stainless steel 2.5)	3.5 (stainless steel 2.5)
Max.bending width(mm)	1220	1830
Bending angle	0 ~135°	0 ~135°
Max. box depth(mm)	150	150
Large beam opening(mm)	75	75
Manual back gauge(mm)	660	660
Hydraulic cylinder pressure (MP)	Max. 15	Max. 15
Hydraulic cylinder speed(mm/s)	50-85	50-85
Motor working pressure (Mp)	12	12
Manual beam adjustment(front and back)(mm)	0-25	0-25
Control panel	Type A movable control panel or Type B fixed control panel	
Motor power (kW)	3.7	3.7
Packing size(cm)	205×102×170	265×102×170
N.W./G.W.(kg)	1780/1880	2170/2300

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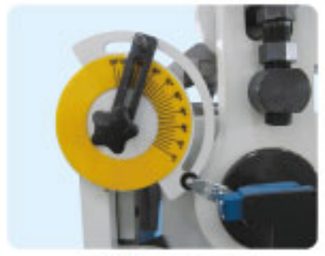
HW2440X3.5 Type B - fixed control panel



Bending angle setting

Handwheel adjust the upper beam position

Control panel

- Complete protection cover
- Handwheel control the upper beam position

Item No.	373503	373504
Model	HW2440×3.5	HW3050×3.5
Max.bending thickness(mm)	3.5 (stainless steel 2.5)	3.5 (stainless steel 2.5)
Max.bending width(mm)	2440	3050
Bending angle	0 ~135°	0 ~135°
Max. box depth(mm)	150	150
Large beam opening(mm)	75	75
Manual back gauge(mm)	660	660
Hydraulic cylinder pressure (MP)	Max. 15	Max. 15
Hydraulic cylinder speed(mm/s)	50-85	50-75
Motor working pressure (Mp)	9-13	16
Manual beam adjustment(front and back)(mm)	0-25	0-25
Control panel	Type A movable control panel or Type B fixed control panel	
Motor power (kW)	5.5	7.5
Packing size(cm)	325×102×170	390×102×170
N.W./G.W.(kg)	2850/3000	3400/3600

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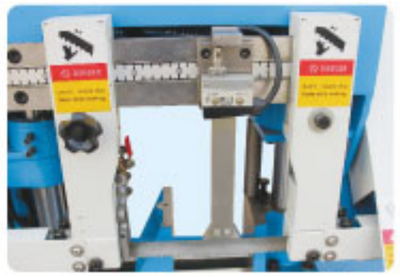
TGK-4220

- Double column structure, vertical lifting, high stability
- Cutting speed adopts hydraulic control, variable speed
- Manual clamping vice, easy for operation
- Optional: hydraulic clamping system with three positions



Fast down before touch the material

Gear box driven

Electric cabinet

Item No.	271201
Model	TGK-4220
Max. cutting capacity	Φ200-200×200 mm
Cutting speed	28、45 m/min
Feed speed	Hydraulic variable speed
Blade size	2650×27×0.9 mm
Workpiece clamping	Hydraulic
Blade tensioning	Mechanical
Main motor power	1.3/1.8 kW
Oil pump motor power	0.55 kW
Coolant pump motor power	0.04 kW
Drive	Gear
Overall dimension	1300×800×1100 mm

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TGK-4235

- Double column structure, vertical lifting, high stability.
- Cutting speed adopts hydraulic control, variable speed
- Hydraulic clamping, easy for operation.
- Optional: hydraulic clamping system with three positions

Manual feed by hand wheel

Feed driving roller

Hydranlic blade extention

Item No.	271202
Model	TGK-4235
Max. cutting capacity	Φ350-350×350 mm
Cutting speed	45、69 mm/min
Feed speed	Hydraulic variable speed
Blade size	4115×34×1.1 mm
Workpiece clamping	Hydraulic
Blade tensioning	Hydraulic
Main motor power	2.2/2.8 kW
Oil pump motor power	0.55 kW
Coolant pump motor power	0.04 kW
Drive	Gear
Overall dimension	2000×1150×1500 mm

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Item No.: 378201
RV1100

Item No.: 378202
RB1100

Item No.: 378204
RB1000

Item No.: 378104
RS018
Adjustable stand for SS-18 (two bodies)

Item No.: 378203
RB365

Item No.: 378205
RA785

Accuracy of feed system：0.30mm
Speed of feed system：40"/min - 140"/min
Size of rollers：℄50 x 460 mm
Spacing of rollers：280.00 mm

Item No.	Model	Length(mm)	Width(mm)	Height(mm)	Max. load capacity(kg)	Packing size(cm)	N.W./G.W.(kg)
378201	RV1100	-	225	620~1100	330	61×41×18	16/18
378202	RB1100	-	350	620~1100	300	61×41×18	16/18
378203	RB365	1040	365	600~1000	600	106×45×13	34.5/36
378204	RB1000	-	-	585~980	150	55×55×60	8/10
378104	RS018	-	-	650~900	-	66×31.5×21.5	11/13
378205	RA785	2000	460	800~1000	500kg/m	275x94x116	145/175

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Stand type A

Stand type B

Stand type C

Stand type D

Stand type H

- Hand brake can be adopted the stand type A, type D and type H.
- Slip roll can be adopted the stand type A
- 3-IN-1/machine can be adopted the stand type A, type B and type C

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SJ300

Optional vise

SJ320

Item No.	Model	Max.thickness(mm)	Max.width(mm)	Dia.of roll(mm)	Packing dimension(cm)	N.W./G.W.(kg)
374006	SJ320	1.0	320	32	48x22x19	13/14.5
374007	SJ300	1.0	300	32	48x22x18	13/14.5

W01-1.5x915

W01-0.8x305

Optional stand

W01-0.8x305

- Hardened gear for long durability
- Comfortable eccentric clamp system and easy operation

Item No.	Model	Max.thickness(mm)	Max.width(mm)	Dia.of roll(mm)	Packing dimension(cm)	N.W./G.W.(kg)
374001	W01-0.8x305	0.8	305	25.4	54x24x28	13/14
374201	W01-1.5x915	1.5	915	50	134x35x58	95/120
374202	W01-1.5x1300	1.5	1300	75	175x45x60	245/280

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W01-1.5x1300

Hardened steel gearing

Quick release top roller

- Precision ground cast iron roller
- High strength steel rolls
- Top roll swing out
- Lower roll adjustment with adjustment lever and cam

Only need 3 steps to do your roll bending

1.Place sheet

2.Pressing & turning

3.Get your rolling

KW01-0.8X1250

- Ideal equipment for fast rolling bend
- Easy to carry on with light weight

Item No.	Model	Max.thickness (mm)	Max.width (mm)	Dia.of roll (mm)	Packing dimension (cm)	N.W./G.W. (kg)
374002	W01-0.8×610	0.8	610	38	95×27×38	37/40
374003	W01-0.8×915	0.8	915	50	134×32×50	80/98
374004	W01-0.8×1000	0.8	1000	50	145×32×50	86/107
374005	W01-1.5×1300	1.5	1300	75	170×43×56	195/220
374203	KW01-0.8×1250	0.8	1250	70	155×59×128	135/193

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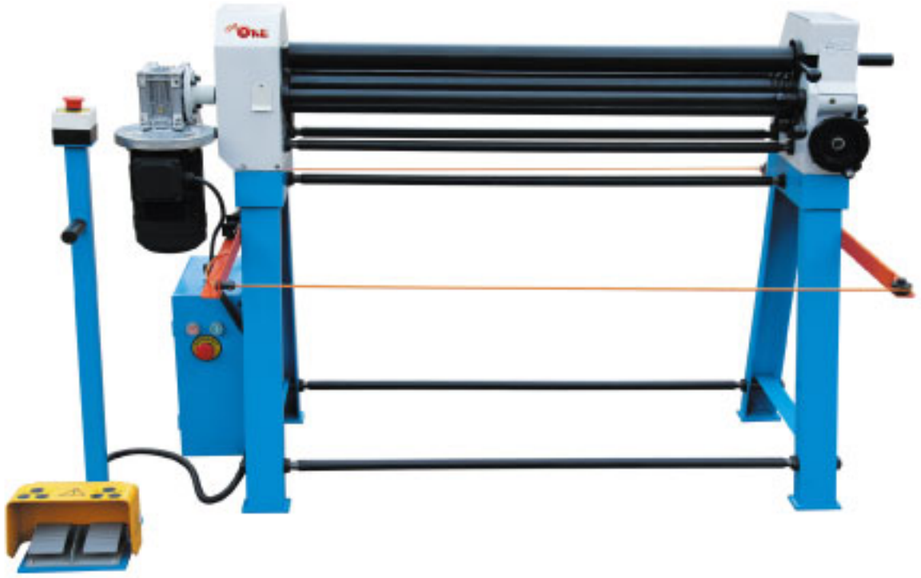

ESR-1020x2

W01-2x1000

- Iron frame
- Quick release top roller
- Two different speeds for different materials

Item No.	Model	Max.thickness(mm)	Max.width(mm)	Dia.of roll(mm)	Motor power(kW)	Packing size(cm)	N.W./G.W.(kg)
374102	W01-2×610	2.0	610	60	-	126×62×118	166/195
374103	W01-2×1000	2.0	1000	60	-	155×62×118	200/240
374104	W01-2×1250	2.0	1250	60	-	180×62×118	223/260
374105	W01-0.8×2050	0.8	2050	60	-	255×50×70	290/380
391102	ESR-1020×2	2.0	1020	60	1.1kW/1PH 0.75kW/3PH	174×60×126	260/325

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- European design

ESR-1300X1.5E

ESR-1300x1.5

optional

- Handwheel adjustment back roller instead of two bolts
- Fast adjustment lower roller

- Asymmetrical roll bending machine with 3 rolls
- High strength steel rolls
- Fixed top roller, adjustable lower and rear rollers
- Standard series wire core groove
- Top roll swing out across cam lock
- Supplied with conical bending feature

Item No.	Model	Max.thickness(mm)	Max.width(mm)	Dia.of roll(mm)	Motor power(kW)	Packing size(cm)	N.W./G.W.(kg)
391101	ESR-1300×1.5	1.5	1300	75	1.1kW/1PH 0.75kW/3PH	180×65×110	280/340
391103	ESR-1300×1.5E	1.5	1300	60	1.1kW/1PH 0.75kW/3PH	190×55×110	270/340

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ESR-1300X4.5

- Asymmetrical roll bending machine with 3 high strength steel rolls
- Fixed top roller, adjustable lower and rear rollers
- Standard series wire core groove
- Top roll swing out across cam lock
- Supplied with conical bending feature

Features for 391113 - 391116 (Pic. 1 & 2) :

1. Electric lifting of back roller
2. Digital indicator of back roller position

pic.1

pic.2

Item No.	Model	Max.rolling thickness(mm)	Max.rolling width(mm)	Dia.of roller(mm)	Min. rolling Dia.(mm)	Motor power(kW)	Roller speed (rpm)	Packing size (cm)	N.W./G.W. (kg)
391104	ESR-1300×2.5	2.5	1300	90	100	1.5	8.8(50Hz)/10.8(60Hz)	200×70×120	540/600
391105	ESR-1300×4.5	4.5	1300	120	130	2.2	9.3(50Hz)/11.2(60Hz)	200×76×127	750/830
391106	ESR-1550×3.5	3.5	1550	120	130	2.2	9.3(50Hz)/11.2(60Hz)	222×76×127	790/890
391107	ESR-2020×3.5	3.5	2020	127	140	3.0	6.4(50Hz)/7.8(60Hz)	270×87×130	1100/1200
391108	ESR-1300×6.5	6.5	1300	150	170	3.0	6.4(50Hz)/7.8(60Hz)	208×80×134	1100/1190
391109	ESR-2070×2.5	2.5	2070	120	130	2.2	6.4(50Hz)/7.8(60Hz)	282×87×130	1060/1200
391110	ESR-2070×3.5	3.5	2070	127	140	3.0	6.4(50Hz)/7.8(60Hz)	282×87×130	1110/1250
391111	ESR-2500×0.8	0.8	2500	90	100	2.2	9(50Hz)/10.8(60Hz)	310×74×120	780/930
391113	ESR2550×2.5E	2.5	2510	140	160	3.0	6.4(50Hz)/7.8(60Hz)	334×82×142	1508/1750
391114	ESR2550×3.5E	3.5	2510	150	170	3.0	6.4(50Hz)/7.8(60Hz)	334×82×142	1529/1771
391115	ESR3050×2.5E	2.5	3010	160	180	4.0	6.4(50Hz)/7.8(60Hz)	384×82×142	1696/1986
391116	ESR3050×3.5E	3.5	3010	170	190	5.5	6.4(50Hz)/7.8(60Hz)	384×82×142	1958/2248

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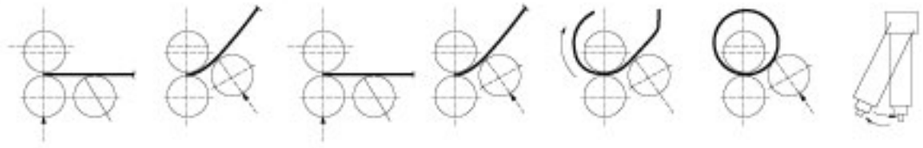
HER-1550X6.5

Electrical cabinet

①Top roll swivel out mechanism
②Back roll hydraulic powered

INITIAL PINCH TYPE:



MAIN FEATURES:

- All three rolls are driven by hydraulic system
- Pinch roll cylinders adjustment synchronously
- Pinch roll is hydraulic powered up / down with digital counter for showing pinch roll position
- All rolls are made of top-grade alloy steel hardened up to HRC55
- Rigid construction for precise and smooth operation, and long life time usage
- The top roll can be swivelled out for easy removal of the finished workpiece
- Remove foot control pedal for forward / reverse, fitted with a protective housing

Item No.	Model	Mild steel capacity	Roll diameter	Min. rolling Dia.(mm)	Roller speed (rpm)	Motor power	Packing size	N.W./G.W.
391121	HER-1300x6.5	4'3" × 1/4"	6"	6.7"	4.2(50Hz)	3 HP	95"x43"x57"	4110/4490 lb
		1300 × 6.5mm	151mm	170	5(60Hz)	2.2 kW	241x108x144cm	1870/2040 kg
391122	HER-1550x4.5	5'1" × 7Ga	6"	6.7"	4.2(50Hz)	5.5 HP	105"x43"x57"	5480/5650 lb
		1550 × 4.5mm	151mm	170	5(60Hz)	4kW	266x108x144cm	2490/2570 kg
391123	HER-1550x6.5	5'1" × 1/4"	7.1"	7.9"	4.2(50Hz)	5.5 HP	105"x44"x58"	5650/5830 lb
		1550 × 6.5mm	181mm	200	5(60Hz)	4 kW	267x111x147cm	2570/2650 kg
391124	HER-2070x4.5	6'8" × 7Ga	7.1"	7.9"	4.2(50Hz)	5.5 HP	124"x43"x60"	6310/6730 lb
		2070 × 4.5mm	181mm	200	5(60Hz)	4 kW	315x109x152cm	2870/3060 kg
391125	HER-2070x6.5	6'8" × 1/4"	7-1/2"	8-1/2"	4.2(50Hz)	5.5 HP	125"x44"x57"	6820/7260 lb
		2070 × 6.5mm	191mm	215	5(60Hz)	4 kW	318x111x145cm	3110/3300 kg
391126	HER-2500x6.5	2500× 6.5mm	200mm	220mm	4.2(50Hz) /5(60Hz)	5.5kW	361× 111 × 146cm	3460/3740 kg
391127	HER-2550x2.5	2510× 2.5mm	140mm	160mm	4.2(50Hz) /5(60Hz)	2.2 kW	361 × 108 × 154cm	2250/2530 kg
391128	HER-2550x3.5	2510× 3.5mm	150mm	170mm	4.2(50Hz) /5(60Hz)	3 kW	361 × 108 × 154cm	2290/2570 kg
391129	HER-3050x2.5	3010× 2.5mm	160mm	180mm	4.2(50Hz) /5(60Hz)	4 kW	411 × 108 × 154cm	2580/2900 kg
391130	HER-3050x3.5	3010× 3.5mm	170mm	190mm	4.2(50Hz) /5(60Hz)	5.5 kW	416 × 108 × 154cm	3480/3800 kg

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RBM10

Item No.		391005	
Model		RBM10	
Dia. of roller		30mm	
Packing size		50×48×68cm(body) 87×77×34cm(stand)	
N.W./G.W.		153/170kg	
Max. capacity (mm) (one set standard roller)		Size(mm)	Min Dia.(mm)
		20×5 30×10	190 500
		20×5 50×10	160 400
		10×10 20×20	160 500

- Special cast frame
- Shafts are hardened with special steel material
- Rollers are special steel material hardened and grounded
- Gears milled with full material
- Optional rollers for choice

ERBM10HV

Item No.		391010	
Model		ERBM10HV	
Dia. of roller		30mm	
Power		1.1kW/1.5HP	
Spindle speed		8r/mm	
Packing size		95×80×135cm	
N.W./G.W.		230/280kg	
Max. capacity (mm) (one set standard roller)		Size(mm)	Min Dia.(mm)
		20×5 30×10	190 500
		20×5 50×10	160 400
		10×10 20×20	160 500

- Horizontal and vertical operation
- With standard foot pedal

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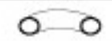
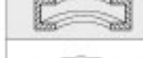
RBM30

- Vertical operation
- With standard foot pedal

Item No.		391001	
Model		RBM30	
Dia. of roller		30mm	
Power		1.1kW/1.5HP	
Spindle speed		9r/min	
Packing size		82×82×126cm	
N.W./G.W.		270/320kg	
Capacity	Size	Min dia.(mm)	Article No.
	Ø20×1	500	391001-01
	Ø30×1	800	391001-02
	Ø16	400	391001-01
	20×20×1	800	391001-03
	30×30×1	900	391001-04
	20×10	320	391001-05
	30×10	320	

Item No.	391002
Model	RBM30HV
Dia. of roller	30mm
Power	0.75kW/1HP
Spindle speed	9r/min
Packing size	120×75×121cm
N.W./G.W.	244/282kg

Capacity	Size (mm)	Min dia.(mm)	Article No.
	40x40x3	1000	one set standard roller
	50x15	350	
	50x30x3	1200	
	Ø15 Ø20 Ø25 Ø30	600	HV30-15-4
	40×40×2 40×40×3 40×40×4 40×40×5	400	HV30-15-5
	40×40×2 40×40×3 40×40×4 40×40×5	400	HV30-15-6
	50×50×2 50×50×3 50×50×4 50×50×5	400	HV30-15-7
	50×25×2 50×25×3 50×25×4 50×25×5	300	HV30-15-8
	50×25×2 50×25×3 50×25×4 50×25×5	400	HV30-15-9
	50×25×2 50×25×3 50×25×4 50×25×5	300	HV30-15-10
	Ø35×2 Ø40×2 Ø45×2 Ø50×2 Ø55×2 Ø60×2	1000	HV30-15-11

RBM30HV

- Horizontal and vertical operation
- With standard foot pedal

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- Specially used in metal-craft fields
- It can process round or square pipe and flat steel into different degree arcs and different size ring according to your requirement
- We can supply different rollers according to your special requirement

CRB-76

Item No.	391050
Model	CRB-76
Round formers（mm）	Φ16 Φ19 Φ22 Φ25 Φ32 Φ38 Φ51 Φ63 Φ76
Square formers（mm）	Φ16 Φ19 Φ22 Φ25 Φ30 Φ38 Φ40 Φ50
Pipe wall thickness (mm)	0.5-2
Motor power (kw)	1.1
N.W/G.W (kg)	300/350
Packing size (cm)	56×92×120

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Item No.		391012	
Model		RBM20	
Shaft diameter		0.78"/20mm	
Driven Rolls		2	
Roll dia.		88.00mm	
Rolling Speed		14.5rpm	
Repeat Control		LED READOUT	
Power		0.75kW 1PH / 0.55kW 3PH	
Packing size (cm)		Body:105×60×60	
		Base:70×45×80	
N.W./G.W.(kg)		120/156	
	Capacity	SIZE (mm)	DIA INT. MIN. (mm)
Standard roller		10 × 2 25 × 6	80 200
		20 × 3 45 × 10	90 300
		12	110
		20 × 20 × 1.5	250
		30 × 10 × 1.5	300
		15 × 15 × 3 25 × 25 × 4	100 200
		15 × 15 × 3 25 × 25 × 4	100 200
		25 × 12 × 1.5 30 × 15 × 4	140 250
		30 × 15 × 4	250
Optional roller		12	120
		10 × 1.5 3/4 GAS	80 400
		30 × 1.5	400
		20 × 20 × 4	150
		20 × 20 × 4	200

RBM20

- Heavy duty steel frame
- Ground and heat treated shafts
- Foot pedal operation
- Digital display for top roll
- Gear driven
- 1 phase or 3 phase available
- Stand included

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RBM40HV

HRBM40HV

RBM50/RBM50HV

HRBM50HV

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Item No.	391003		391004	391011	391022		391023	
Model	RBM40HV		RBM50	RBM50HV	HRBM40HV		HRBM50HV	
Dia. of roller(mm)	Φ40		Φ50		Φ40		Φ50	
Power	1.5kW/2HP		2.2kW/3HP		1.5kw/2HP		2.2KW/3HP	
Spindle speed	9.3 r/min		13 r/min		9.3r/min		13r/min	
Packing size (cm)	140x95x134		100x82x155		134x93x185		150x95x134	
N.W./G.W. (kg)	425/495		450/582		490/586		515/647	
Capacity	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)
	50x10 20x6	600 800	60x10 40x10	500 650	50x10 20x6	600 800	60x10 40x10	500 650
	60x20 30x6	800 1250	100x15 60x10	920 1150	60x20 30x6	800 1250	100x15 60x10	920 1150
	30x30 10x10	650 1100	35x35 20x20	600 780	30x30 10x10	650 1100	35x35 20x20	600 780
	50x6 30x3	600 500	60x7 50x5	750 500	50x6 30x3	600 500	60x7 50x5	750 500
	50x6 30x3	600 500	60x7 50x5	750 700	50x6 30x3	600 500	60x7 50x5	750 700
	60x40x6 30x15x4	600 900	80x45x6 65x40x5	600 550	60x40x6 30x15x4	600 900	80x45x6 65x40x5	600 550
	60x40x6 30x15x4	600 900	80x45x6 65x40x5	650 550	60x40x6 30x15x4	600 900	80x45x6 65x40x5	650 550
	50x5 30x4	500 500	60x5 50x5	500 500	50x5 30x4	500 500	60x5 50x5	500 500
	50x5 30x4	500 500	60x5 50x5	700 700	50x5 30x4	500 500	60x5 50x5	700 700
	Ø30 Ø10	650 1100	Ø35 Ø30	600 650	Ø30 Ø10	650 1100	Ø35 Ø30	600 650
	50x50x2.5 30x30x2	700 800	60x60x3 40x40x3	600 500	50x50x2.5 30x30x2	700 800	60x60x3 40x40x3	600 500
	50x25x2.5 40x20x2	800 1000	70x50x3 50x40x3	1200 800	50x25x2.5 40x20x2	800 1000	70x50x3 50x40x3	1200 800

- All the above processing capacities can be finished by one set of standard combination roller

▸ Special Roller

Model	RBM40HV		RBM50/RBM50HV		HRBM40HV		HRBM50HV	
Profile	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)	Size(mm)	Min Dia.(mm)
	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	700	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	600	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	700	30x2 35x2 40x2 45x2 50x2 55x2 60x2 65x2 70x2	600

- We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.

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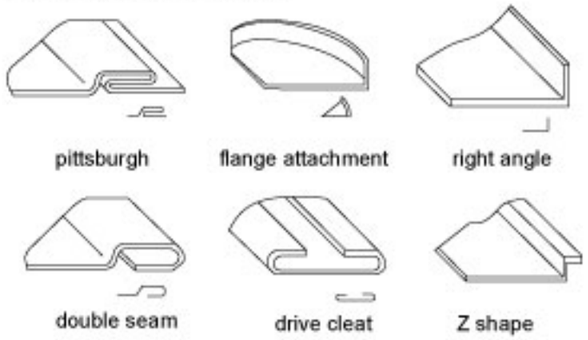
PF16G

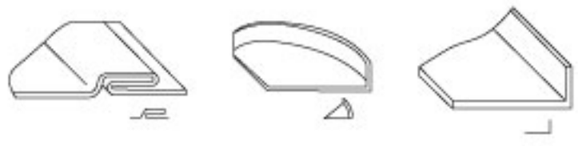
STANDARD ROLL FORMS



- Uses approximately 1" of material
- Adjustable auto-guides
- All steel forming head, hardened with ground shafts
- Steel forming rolls are case hardened using matching cut gears and needle bearings throughout

PF20G

STANDARD ROLL FORMS



OPTIONAL ROLL FORMS

- The Pittsburgh machine is great for making Pittsburgh joints on sheet metal. These machines are typically used for HVAC duct work to make custom ducting. The picture above shows the lock forming machine with the flange attachment. The flange attachment is useful for creating a flange for easier fitting of the Pittsburgh joints.

Item No.	373903	373902
Model	PF16G	PF20G
Capacity (mild steel)	16 Ga. max - 26 Ga. min	20 Ga. max. – 26 Ga. min.
Speed(FPM)	24	25
Motor(kW)	2.2	0.75
Packing size(cm)	120×66×103	105×56×135
N.W./G.W.(kg)	300/320	160/210

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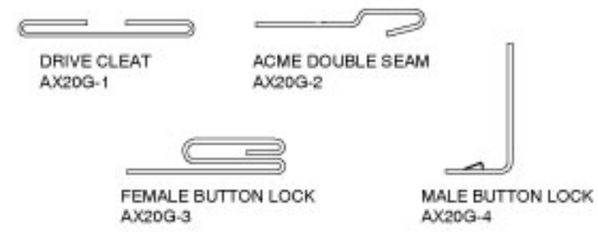
AX20G

Quick change roller

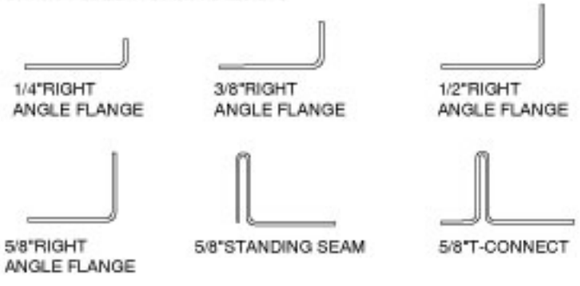
- The AX20G was designed specifically for easy of use, flexibility and the convenience of the end user. Key features include: hinged table top and square drive shafts which allows easy access to change out a complete roll set in less than five minutes, quick change tooling which requires no keys or tools, and quick jam clearing. This machine can convert from a button lock to an Acme & Drive Cleat machine instantly.

ROLL FORMS

- All rolls at extra cost



6-IN-1 ROLL FORM AX20G-5



- Revolutionary design
- Increase productivity
- Decrease costs by eliminating down time
- No tools required
- Quick change tooling
- Quick jam release

Item No.	373901
Model	AX20G
Capacity (mild steel)	20 Ga. max. – 26 Ga. min.
Speed(FPM)	40
Motor(kW)	3.7
Packing size(cm)	157×82×120
N.W./G.W.(kg)	260/320

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CHB-24

- A rugged tool built for increased productivity while getting the most consistent bends quickly.
- with two-way trunnion design holds the bending apron steady at the base of the bend ensuring accuracy throughout the length of the sheet.
- This machine can be bench-mounted and adjusts for bends of 1/4 to 7/8 inches, 24 inches long.

- A manually operated tool that forms uniform drive cleat edges on rectangular ductwork in seconds without set-up or adjustment.
- The upper handle forms the cleat and the lower handle opens the tool for easy removal of the material.
- Torrington needle bearings are used.
- A quick-release is built into the lower handle, which has 3-positions available.

CB-24

3 positions for handle

(left, center & right)

Quick release built into lower handle

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- Hardened steel rollers
- Head rotates 360°
- Can bench mounted with "EZ Edge Finder"

RM-A

- Hardened steel rollers
- Fade adjustment no tools needed
- Easy change rollers

RM-B

RM18
with stand(optional)

Optional Bead Roller Fence Attachment

RM 08

Stand for RM08(optional)

- Complete with six sets standard rollers for large and small turning, burning,wiring, crimping, and ogee bead will perform numerous operations for RM08/RM12/RM18

Item No.	373205	373226	373206	373810	373811
Model	RM08	RM12	RM18	RM-A	RM-B
Capacity	0.8mm/22Ga	1.2mm/18Ga	1.2mm/18Ga	1.0mm/20 gauge	1.0mm/20 gauge
Throat depth	177mm/7"	305mm/12"	457mm/18"	-	114mm
Packing	50x45x16cm	38x45x16cm	73x27x14cm	18x28x66cm	15x26x71cm
N.W./G.W.	22/24kg	19/21kg	24/26kg	9/10kg	9/10kg
	48/53lbs	42/46lbs	53/57lbs	20/22lbs	20/22lbs

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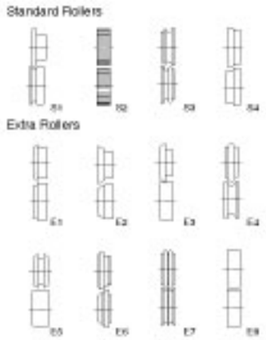
- Heavy and solid cast iron construction
- Special steel adjustable bottom spindle
- Self-braking motor with subframe(E-type)
- Easy to operate with foot pedal control(E-type)
- 4 sets standard rollers



ETB-12

TB-12

Item No.	373801	373802
Model	TB-12	ETB-12
Thickness max	1.2mm/18Ga	1.2mm/18Ga
Cylinder length	140mm/5-1/2"	140mm/5-1/2"
Throat depth	200mm/8"	200mm/8"
Cylinder speed	-	32rpm
Motor power	-	0.75kW/1HP
Net weight	48kg/106lb	120kg/265lb
Packing size	67×32×60cm	110×48×148cm

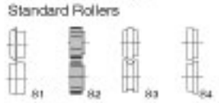
- Steel welded construction frame
- Adjustable idle roller
- Steel shaft with bronze bushings
- Reduction motor with brake system
- Movement of rollers with foot pedal
- Complete with stand
- 4 sets standard rollers

ETB-25
ETB-40

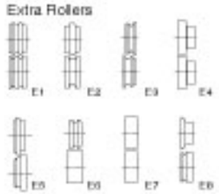
Item No.	373803	373804
Model	ETB-25	ETB-40
Thickness max	2.5mm	4mm
	12Ga	8Ga
Cylinder length	120mm	165mm
	4-3/4"	6-1/2"
Throat depth	280mm	300mm
	11"	12"
Cylinder speed	20rpm	15.3rpm
Motor power	1.5kW/2HP	2.2kW/3HP
Net weight	235kg/518lb	341kg/752lb
Packing size	147×58×135cm	165×58×140cm

Roller for ETB-25

Standard Rollers



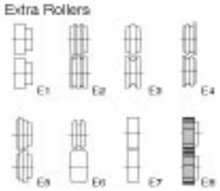
Extra Rollers



Roller for ETB-40

Standard Rollers

Extra Rollers



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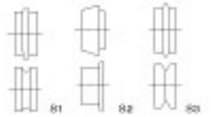
- Round ducts beadings single and offset processing are a cinch with the beading machine
- With 3 sets standard rollers

Standard Rollers



Extra Rollers

RM18E

LQ15

- The machine is multi-function for slitting and bending. It can slit sheet with 1.5mm thickness and 1200mm width, being suitable for duct spot-forming.

Item No.	373930	373219
Model:	LQ15	RM18E
Thickness	1.5mm (16Ga)	1.8mm (15Ga)
Throat depth	100-600mm (4"-24")	238mm(9"-3/8")
Diameter	Φ382-Φ782mm	-
Motor	1.5kW	1.5kW
Speed	1060mm/min-1253 mm/min	-
Packing size	137x77x142cm	88x53x123cm
N.W./G.W.	300/410kg	140/171kg

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TGK-4240

- Double column structure, vertical lifting, high stability.
- Cutting speed adopts hydraulic control, variable speed
- Hydraulic clamping, easy for operation.
- Optional: hydraulic clamping system with three positions

Back feed roller

Fine milled table

Hydranlic blade extention

Item No.	271203
Model	TGK-4240
Max. cutting capacity	Φ400-400×400 mm
Cutting speed	36、56 m/min
Feed speed	Hydraulic variable speed
Blade size	5000×41×1.3 mm
Workpiece clamping	Hydraulic
Blade tensioning	Hydraulic
Main motor power	3.0/4.0 kW
Oil pump motor power	0.75 kW
Coolant pump motor power	0.90 kW
Drive	Gear
Overall dimension	2500×1300×1900 mm

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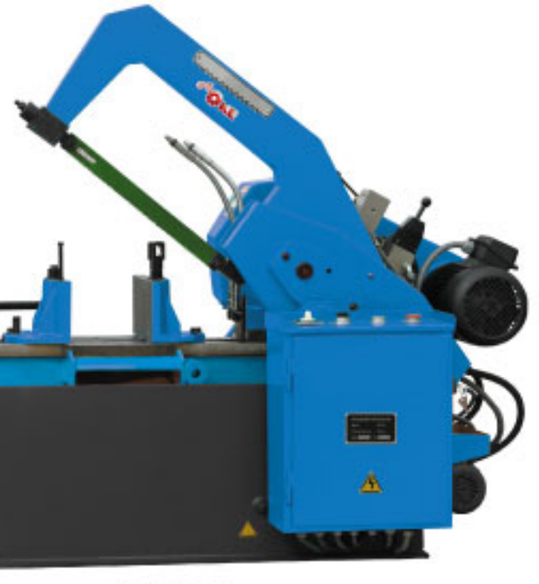
HS7150/40/32



HS7125

Item No.		271101	271102	271103	271104
Model		HS7125	HS7132	HS7140	HS7150
Capacity	Round bar	250 mm	320 mm	400 mm	500 mm
	Square bar	220×220mm	290×290mm	330×330mm	400×400mm
	Oblique saw	45°	45°	45°	45°
Sawing speed		39,49,63,78,98,126	39,60,70	39,60,70	39,60,70
Blade size		450×45×2.25 mm	600×50×2.5 mm	650×55×2.5 mm	750×63×2.5 mm
Main motor		2.4/3 kW	3 kW	3 kW	3 kW
Coolant pump motor		0.04 kW, 2 poles	0.04 kW, 2 poles	0.04 kW, 2 poles	0.04 kW, 2 poles
Saw blade rapid down		0.25 kW, 4 poles	0.25 kW, 4 poles	0.25 kW, 4 poles	0.25 kW, 4 poles
Packing size		2000×950×1300 mm	2440×1020×1600 mm	2440×1020×1600 mm	2440×1190×1760mm
N.W./G.W.		600/830 kg	1100/1350 kg	1200/1450 kg	1450/1700 kg

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TB-500

STANDARD TOOLING
(dia.)1"x (radius)3"

OPTIONAL TOOLING	
dia. x radius	3/4"x3"
	7/8"x3"
	1-1/4"x4"
	1-1/4"x5"
	1-3/8"x4"
	1-3/8"x5"
	1-1/2"x5"
	1-1/2"x6"
	1-5/8"x6"
	1-3/4"x6"
	1-3/4"x7"
	2"x6"
	2"x7"

Tooling sample

- The TB-500 is a manually operated tube Bender with huge capacity
- Dies available for 90 or 180 degrees
- 180 degree bends,without repining the die
- Quick change hook sleeve inserts,no u-straps

Item No.	373235
Model:	TB-500
Mild Steel Round Tube (Wall)	64×3mm 2.50"(.120)
Aluminum Round Tube (Wall)	64×3mm 2.50"(.120)
Stainless Steel Rount Tube (Wall)	50×3mm 2.00"(.120)
Chromolly Rount Tube (Wall)	50×3mm 2.00"(.120)
Mild Steel Solid Rod	25mm (1.0")
Mild Steel Square Tube (Wall)	N/A
Minimum OD	19mn (0.75")
Maximum Speed to 180 Degrees	N/A
Maximum Center Line Radius (CLR)	176 mm(7.00")
Minimum CLR	76mm(3.0")
Power Requirements	N/A
Size	1118×686×1067mm
Weight (Lbs.)	132kg

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YP-9

YP-38

UBM-30

- Mild steel capacity: 8×32, 6×50mm
- Bending Angle: 0-200°

Item No.	Model	Mild steel capacity(mm)	Bending angle	Packing size(cm)	N.W./G.W.(kg)
373213	YP-9	8×32,6×50	0-200°	67×26×13	17/18
373214	YP-38	8×32,6×50	0-200°	88×26×26	22.5/24
373231	UBM-30	8x50, 6x50	0-200°	88×26×26	24/25

RB-1

- Item No.: 373233
- Model: RB-1
- Max. Bending angle: 270°
- Wall thickness(mm): 0.8-1.2mm
- Standard dies: 1/2", 9/16", 5/8", 3/4", 7/8",1"
- Packing size: 92×54×40cm
- N.W\G.W: 56/71kg

RB-2

- Item No.: 373234
- Model: RB-2
- Bend tubing up to 180 degrees
- Standard dies: 1/4"x3D,1/4"x5D, 5/16"x3D, 5/16"x5D,3/8"x3D, 3/8"x5D,1/2"x3D, 1/2"x5D, 5/8"x3D,5/8"x5D
- Packing size: 110x40x40cm
- N.W\G.W: 51/61kg

TB-3

- Item No.: 373232
- Model: TB-3
- Bends up to 2" schedule 40 pipe (1.54")
- Standard dies: 1"x3",1-1/2"x5", 1-3/4"x6" in 120°
- Various optional dies can be chosen,same as HTB-1000's
- Packing size: 98x34x36cm
- N.W\G.W: 64/67kg

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RTB-8A

- High hardened rollers
- Max. working length till 1250mm
- Portable and compact machine,easy movable

Work piece form

RTB-8AS

- High hardened rollers
- Nice appearance and easy operation
- Ideal working height, high efficiency operation
- Welding frame support ensures working stable and solid

Item No.: 373240
Model: LB-2
Max. Thickness (Aluminum): 2mm
Power: Foot pedal
Weight: 41kg
Packing size: 120cmx 67cmx40cm

LB-2

Adjustment gauge

workpiece sample

Item No.	373920	373921	373922
Model	RTB-8A	RTB-8	RTB-8AS
Thickness (mm)	0.8	0.8	0.8
Height from shaft to base (mm)	-	-	850
Length (mm)	1250	1020	1250
Packing Size(cm)	160x30x40	136X30X40	150x147x38
N.W/G.W(kg)	64/82	59/75	93/164

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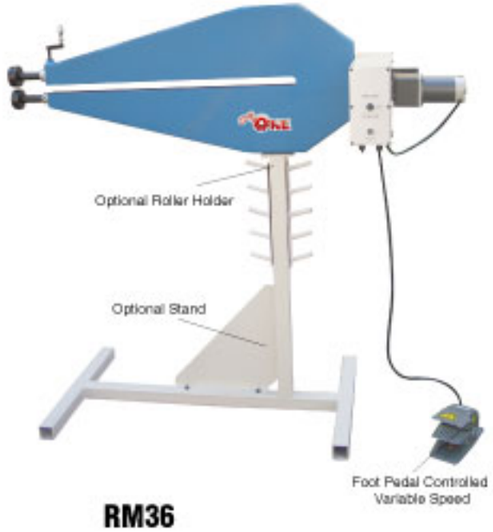
RM24M

Bead Roller B/F 3/8"

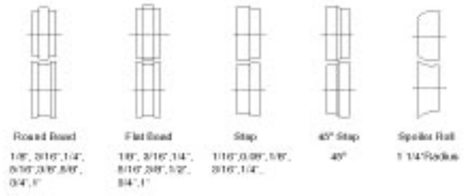
- Item No.: 373808
- Ideal for Creating Beads on the End of Tubing to Hold Hoses
- Makes 1/8" Beads on Materials up to .028" Thickness
- Works on Tubing as Small as 3/8" Diameter



RM36

POWER DRIVE BEAD ROLLER RM24/36/42

- Designed to handle 1mm mild steel, 1.2mm aluminum
- Heavy duty all fabricated plate steel construciton
- Adjustable depth of bead
- Variable speed foot control for hands free operation
- Oillite bushings at all rotation points for long life
- Forward and reverse switch for left or right side operation
- Heat treated gears for years of trouble free operation
- Industrial finish for good looks and durability
- With one set 1/2" round bead steel roller (standard)
- Largest selection of heat treated rollers available



Item No.	373805	373820	373806	373821	373807
Model	RM24	RM24M	RM36	RM36M	RM42
Capacity	1.0mm/20Ga	1.0mm/20Ga	1.0mm/20Ga	1.0mm/20Ga	1.0mm/20Ga
Throat depth	610mm/24"	610mm/24"	910mm/36"	910mm/36"	1067mm/42"
Packing size	122x57x57cm	90x65x40cm	157x57x55cm	120x70x40cm	165x80x40cm
N.W./G.W.	60/74kg	55/60kg	74/90kg	70/80kg	87/95kg
	132/163lb	121/132lb	163/198lb	154/176lb	192/210lb

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HB-8

HB-16/12

EHB-10

- Power:
  0.55kW/3PH
  0.75kW/1PH

HB-10

Item No.	Model	Max.pressure(ton)	Max.ram strike(mm)	Packing size(cm)	N.W./G.W.(kg)
375005	HB-8	8	120+60	72×36×28	43/45
375001	HB-10	10	155	71×59×22	45/48
375002	HB-12	12	240	63×57×18	40/43
375003	HB-16	16	240	82×62×24	85/88
375004	EHB-10	10	155	72×59×50	53/60

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HYDRAULIC TUBE BENDER

HTB-1000

- Item No.375010
- Model: HTB-1000
- Portable & easy to bend up to 2" schedule 40 pipe(1.54")
- Dies available in 120° and 240°
- Aluminum bronze bushings at pivot points
- Run approximately 3x's faster than air/hydraulic units
- Standard dies: 1"x3", 1-1/2"x5", 1-3/4"x6" in 120°
- Machine's optional dies:
  1) Round dies: 3/4"x3", 7/8"x3", 1"x3", 1-1/8"x3",1-1/4"x4", 1-1/2"x4,1-1/2"x5",1-5/8"x5", 1-3/4"x6", 2"x6";
  2) Square dies: 3/4"x3", 1"x4", 1-1/4"x5", 1-1/2"x6"
  3) Other optional dies can be made according to customer's request
- Packing size: 140x70x116cm
- N.W./G.W.: 102/154kg

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- Item No: 373215
- Model: MY22
- Round pipe(outer dia.): 3/8",1/2", 9/16",5/8",3/4",7/8"
- Square pipe(outer dia.): 3/4", 1"
- Pipe Thickness: 0.8-1.2mm
- Max bending angle:180°
- Packing size: 63 × 38 × 16 cm
- N.W/G.W: 24.5 / 26 kg

MY-22

Mini Universal Bender

- Item No: 373207
- Forms wire, flat metal and tubing into clamps. handle brackets, hooks, coils, and more
- Make sharp angle bends in wire and rod
- Includes circle pins for 3/16", 1/4", 1/2"dia,circle 1" diacircle die, form pin follower, sharp angle die, gauge and handle
- Packing size: 32×10×10cm(1PC) 50×35×23cm(10PCS)
- N.W./G.W.: 2.8/3kg(1PC)

W-1

- Create ornate metal fixture for home, garden or business
- Make plant hangers, candelabras, wire racks and even fencing out of mild steel strip
- Includes scroll former, bender, twister
- Use up to 3/8" round or square bar in both scroll former and bender and 1"×1 -3/6" up to flat strip in scroll former
- One toll shears and punches square and rectangular
- Shear round stock too
- 1/4" base has four 3/8" mounting holes
- Punch capacity: 3/16" flat stock
- Shear capacity: 1.18×0.20" rectangular stock 0.236" square or round stock

Item No.	Model	Packing size(cm)	N.W./G.W.(kg)
376101	W-1	107×31×32	12/13
376102	W-2	107×41×26	32/34

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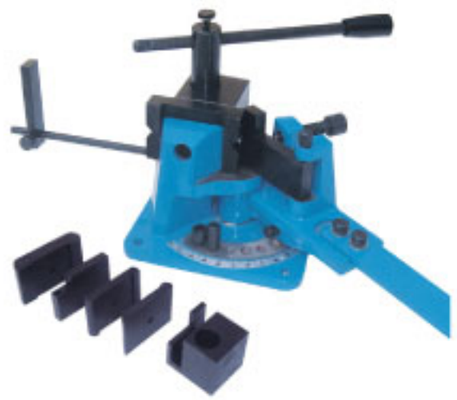
- For angular, roll, hoop and coil bending
- To produce grid, door gate, balcony railing pation furniture as well as rod iron lamps, suitable for steel brass copper and aluminum

SBG-40

SBG-30

Item No.		373217	373203
Model		SBG-30	SBG-40
Capacity(mm)	Flat steel	30×10	30×8
	Round steel	10	15
	Square steel	10	13
Packing size(cm)		55×30×22	50×32×23
N.W./G.W.(kg)		27/29	23/24



UB-70 UB-100

UB-100A

- Easy and precise opertion
- Wide supporting face ensuring safe and reliable operation
- Bending angle of various radius by changing and turning
- Bending angle up to 120 degree

Item No.		373201	373202	373216
Model		UB-70	UB-100	UB-100A
Capacity (mm)	Flat steel	Warm 70×10	Warm 100×10	Warm100×7
	Round steel	Warm 20	Warm 20	Warm 22
	Square steel	18×18	18×18	20×20
	Angle steel	60×8/70×15	60×8/100×12	55×32×24
Packing size(cm)		Body:39×29×28	Body:39×29×28	
		Handle:72×18×13(20pcs)	Handle:72×18×13(20pcs)	
N.W./G.W.(kg)		28/29	31/32	34/36

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SBG-20

- Angle bending machine

JTR-20

- Stripe steel pressing machine

JTR-30

- Circling machine

Item No.	391051	391052	391053
Model	SBG-20	JTR-20	JTR-30
Max. capacity of Steel stripe	20×1.5mm	-	-
Max. capacity of Flat steel	-	20×1.5mm	40×10mm
Max. capacity of Round pipe	-	-	30×1mm
Max. capacity of Square pipe	-	-	40×40×1mm
Net weight	7.0 kg	12kg	65kg
Gross weight	8.0 kg	14kg	70kg
Overall dimension	600×150×100mm	180×170×370mm	400×400×470mm
Packing size	610×200×110mm	390×180×200mm	450×450×540mm

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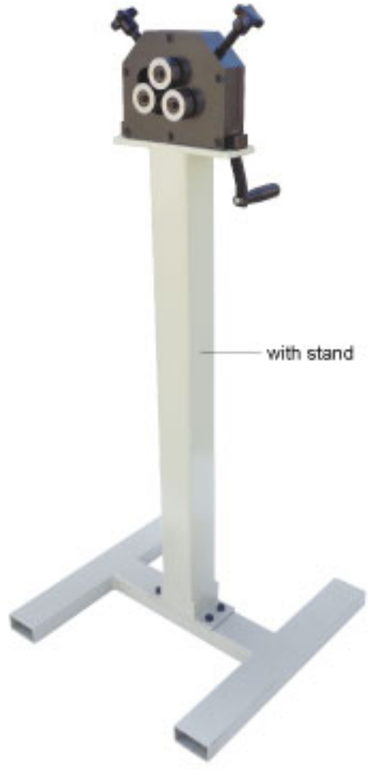
PR-3

- Item No.:376001
- Model: PR-3
- Dia. of Roller:32mm
- Round steel capacity:6.5mm
- Flat steel capacity: 25×5mm
- Handle length: 320mm
- N.W./G.W.:6/7kg
- Packing size: 36×20×21cm

The PR-5 ring roller is not like other machines in its class; this little dynamo is built using only the best parts and is designed to last a lifetime. The unique adjustment of this three driven roll bender allows bending on either side of the bottom roll to give you more radius options.



PR-5

- Item No.: 376002
- Model:PR-5
- Minimum Diameter: 2.75"
- Capacity Solid Round (w/ optional tooling).5"
- Flat Bar Easy Way: 1" x .250"
- Power Manual
- Shipping Weight: 85 lbs.
- Shipping Dimensions: 30" x 40" x 18"

- Small compact and portable
- 3 driven rolls Manually powered
- Includes tooling for flat bar
- Perfect for doing small circles
- Includes heavy duty stand
- Optional tooling sets for round stock available

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- This model is very superior and convenient for square tubes, rectangular tubes. It can bend various capacity workpieces by one set roller deliveried with machine. So you can save a lot of money, time and labor by using this machine.

TR-40

Item No.:391006
Weight: 19kg

Max. capacity (mm)					
	Mild steel	20×20×1.2	25×25×1.2	30×30×1.5	40×40×1.5
	Copper	20×20×1.5	25×25×1.5	30×30×1.75	40×40×1.75
	Aluminum	20×20×1.75	25×25×1.75	30×30×2	40×40×1.75
Min R（mm）		180	170	200	220
Min Ø（mm）		450	500	550	600

Optional
Adjustable Stand
Item No.: 378104

TR-50

Item No.: 391007
Weight: 39.5kg

ETR-50

Item No.: 391008
Weight: 65kg
Standard motor: 0.37kW
Optional motor: 0.55kW 0.75kW

Standard Foot Pedal

- Hardened steel top plate
- Enlarged outrigger base plate for easier mounting
- Designed for convenience bench top mounting or can be attached to our item 378104 adjustable stand
- CNC-machined steel round and square dies
- Electric tube roller offers hands free operation for accuracy and ease of use in forming both round and square stock tubing.
- Optional rollers for TR-50/ETR-50 can be supplied.
- Standard roller: 1 1/2" Round Tube Rollers

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TR-60

- Item No.: 391009
- Model:TR-60
- One set rollers deliveried with machine
- Quick change the lower roller
- Supplied many optional rollers for choice
- With large capacity
- Standard roller: 1 1/2" Round Tube Rollers
- Packing size: 62×24×38cm
- Weight: 33kg

Material	Max. capacity	Minimum radius
Flats	$1\frac{1}{4}$"	10"
C Channel	1x2"	60"
Round pipe	$1\frac{1}{2}$"	20"
Round tube	2"	60"
Square tube	2"	70"
Rect.tube	1x2"	60"

▸Optional Rollers for TR-60,TR-50,ETR-50

Capacity	TR-60	TR-50/ETR-50
	Item No	Item No
1. Round Tube Rollers Sizes		
1/2" Round Tube Rollers	391009-101	391007-101
5/8" Round Tube Rollers	391009-102	391007-102
3/4" Round Tube Rollers	391009-103	391007-103
7/8" Round Tube Rollers	391009-104	391007-104
1" Round Tube Rollers	391009-105	391007-105
1 1/8" Round Tube Rollers	391009-106	391007-106
1 1/4" Round Tube Rollers	391009-107	391007-107
1 3/8" Round Tube Rollers	391009-108	391007-108
1 1/2" Round Tube Rollers	391009-109	391007-109
1 5/8" Round Tube Rollers	391009-110	391007-110
1 3/4" Round Tube Rollers	391009-111	391007-111
2" Round Tube Rollers	391009-112	391007-112
2. Round Pipe Rollers Sizes		
1/4" Pipe (0.54"OD) Rollers	391009-201	391007-201
3/8" Pipe (0.675"OD) Rollers	391009-202	391007-202
1/2" Pipe (0.84"OD) Rollers	391009-203	391007-203
3/4" Pipe (1.05"OD) Rollers	391009-204	391007-204
1" Pipe (1.315"OD) Rollers	391009-205	391007-205
1 1/4" Pipe (1.66"OD) Rollers	391009-206	391007-206
1 1/2" Pipe (1.90"OD) Rollers	391009-207	391007-207
3. Square Tube Rollers Sizes		
1/2" Square Tube Rollers	391009-301	391007-301
3/4" Square Tube Rollers	391009-302	391007-302
1" Square Tube Rollers	391009-303	391007-303
1 1/4" Square Tube Rollers	391009-304	391007-304
1 1/2" Square Tube Rollers	391009-305	391007-305
1 3/4" Square Tube Rollers	391009-306	391007-306
2" Square Tube Rollers	391009-307	391007-307
4. Misc. Rollers Sizes		
1x2" Rectangular Tube Rollers	391009-401	391007-401
1 1/4" Flat Stock Rollers	391009-402	391007-402
1x2" C Channel Rollers	391009-403	391007-403

▸Special requirement for metric rollers can be supplied

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- With two speeds
- Bends materials1/4" to 2-1/2" OD
- Deliveried with one set 1" Tube Kit
- Various dies can be choosen
- Ideal for bending pipe, tube,squares, rectangular, solids and other profiles
- Romote foot pedal for hands free operation
- With transportation wheel and handle for easy moving

TBM-60

Optional Two Axis Positioner

Item	375020
Model	TBM-60
Capacity Diameter	1/4"--2-1/2"
Angle range	0-180°
Bending speed	1.7/3.4rpm
Two Axis Positioner	Optional
Motor	1.5kW
Packing Size	116×76×132cm
N.W./G.W.	215/255kg

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Optional angle gauge

HTB-2000

- Item No.: 375011
- Model: HTB-2000
- Standard Comprehensive Tooling Package
- Knee-Pad Control
- Manual Depth-of-Bend Indicator
- 58,000 lbs of bending power
- Heavy Duty Swager/Expander
- Exclusive Safety Guard Package
- Front Swivel Casters w/Brakes
- Packing size:180×86×132cm
- G.W/N.W.: 580/650kg

- The HTB-2000 Bender is an entry level bender, designed to introduce you to quality while showing you the incredible profit potential. The HTB-2000 can bend up to 3" tubing and includes a built-in swager/expander for complete end-finishing. The popular HTB-2000 package includes all the tooling shown, ready to bend up to 3" tubing, expand up to 3" tube, and perform multiple endforming applications.

Accessories:

5530 5" Radius Die 3"	1038 Half Shoe 1-1/2"	498 Arbor Tip 1-1/2" - 1-3/4"
5412 5" Radius Die 2-1/2"	1750 Collet 2-1/2"	499 Arbor Tip 1-3/4" - 3-1/2"
5414 5" Radius Die 2-1/4"	1725 Collet 2-1/4"	474 Segment 1-3/4" - 2-1/8"
5200 5" Radius Die 2"	1720 Collet 2"	475 Segment 2-1/8" - 2-1/2"
4414 4" Radius Die 2-1/4"	1734 Collet 1-3/4"	476 Segment 2-1/2" - 3"
4200 4" Radius Die 2"	1712 Collet 1-1/2"	815 Die Holder (853)
3134 3" Radius Die 1-3/4"	853 Flare Tool 1-1/2" - 3"	816 Die Holding Pin
3112 3" Radius Die 1-1/2"	550 Male Ball Die 1-3/4" : Swage 2"	855 Die Pins M18
1350 Full Back Shoes 3" (2)	552 Male Ball Die 2" : Swage 2-1/4"	1079 Full Shoe Spacer
4412 Full Back Shoes 2-1/2" (2)	553 Male Ball Die 2-1/4" : Swage 2-1/2"	1080 Half Shoe Spacer
4211 Full Back Shoes 2-1/4" (2)	554 Male Ball Die 2-1/2" : Swage 2-3/4"	782 Reducing Die 2-1/2" - 2-1/4"
1200 Full Back Shoes 2" (2)	555 Female Ball Die 1-3/4" - 2"	790 Reducing Die 3" - 2-3/4"
1134 Full Back Shoes 1-3/4" (2)	556 Female Ball Die 2-1/4" - 2-1/2"	97050 Die Spring
1112 Full Back Shoes 1-1/2" (2)	112 Swage Die 1-1/2"	870 O-Ring Kit
4410 Half Shoe 2-1/2"	134 Swage Die 1-3/4"	
4416 Half Shoe 2-1/4"	508 Arbor 1-3/8" - 3-1/2"	
1045 Half Shoe 2"		HTB-2000 package comes as listed only.
1040 Half Shoe 1-3/4"		Additional tooling available at extra charge.

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Item No.: 392213

BM-3

Bossing Mallets

BM01:right
BM02:middle
BM03:left

Item No.: 392211

TPD-3

Tapered Dollies

TPD-S:Small Tapered Dolly
TPD-M:Medium Tapered Dolly
TPD-L:Large Tapered Dolly

Item No.: 392214

FS01-3

Slappers

FFS01: Flat Face Slapper
CFS01: Curved Face Slapper
GFS01: Gentlet Face Slapper

Item No.: 392212

TD-3

T-Dollies

TD-S: Small T-Dolly
TD-M: Medium T-Dolly
TD-L: Large T-Dolly

Pneumatic Fender Former

Item No.: 392202

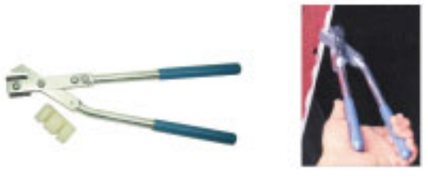
PFF-1

The Pneumatic Fender Former is created to provide additional front fender-lip-to-tire clearance on lowered cars and trucks, or those fitted with oversize wheels and tires without the need to remove the wheels from the vehicle. It can be used for many other metal forming tasks such as crimping door skins in place, straightening bent edges and more.

DOOR SKIN INSTALLATION TOOL

Item No.: 392203

DSI-1



This Door Installation tool makes it easy to fold the edge of the panel in place over the frame. The tool comes with 1.25" and 2" wide nylon pads which help prevent damage to door face while crimping. The 12" handle length gives excellent leverage with little effort.

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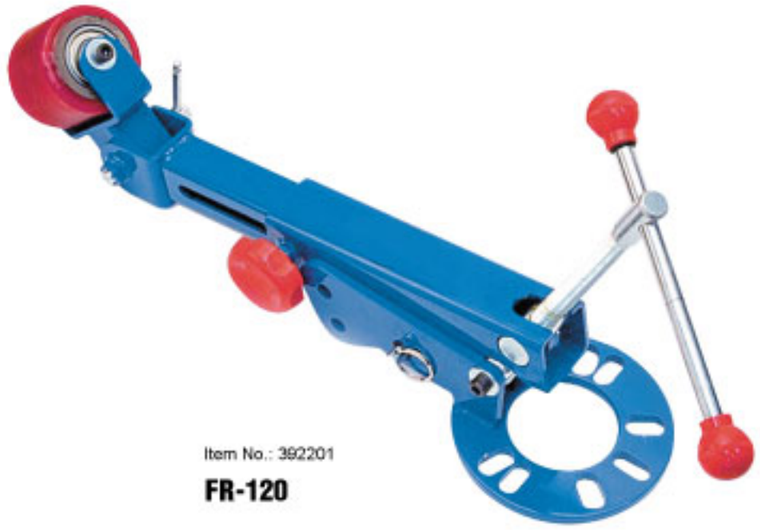
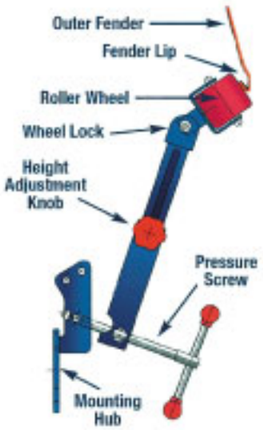
Don't Ruin Your Expensive Tires - Eliminate tire rub on lowered vehicles!



Item No.: 392201

FR-120



- Used for lowered vehicles and vehicles with larger wheels
- Eliminate tire rub - Increases tire to fender clearance
- Adjustable forming roll gradually rolls inner lip flat
- Adjustable arm length fits a wide range of automotive and light truck applications
- Durable heavy steel powder coated construction

Bolts directly to hub flange. Elongated holes in adapter plate fit all popular 4 and 5 bolt hubs, and are held in place with the included dished washers and vehicles lug nuts. It will accommodate up to a 120.6 mm (4.75 inch) 4 and 5 lug bolt circles. Forming arm adjusts from 14 inch to 22 3/4 inch.

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SS-18

- Bring chamfered plate with inside and outside radius into professional S-form
- The shrinker contracts sheet metal for inside curves
- The stretcher expands sheet metal for outside curves
- Standard:One Body + Two Jaws

SG-18

SS-16

SS-18FD

SS-16F

FSM-16

- Wheeled base included to use as freestanding unit and easy moved

Shrinker Jaw

Stretcher Jaw

- Optional: Shrinker Jaws for Aluminum and Stretcher Jaws for Aluminum

- Powerful pedal operation make the shrinking and stretching more effective and less labor intense
- Hands free operation allow better control of your metal work and much faster results

Item No.	373208	373220	373223	373224	373225	373228
Model	SS-18	SS-16	SS-18FD	SS-16F	FSM-16	SG-18
Capacity	1.2mm/18Ga	1.5mm/16Ga	1.2mm/18Ga	1.5mm/16Ga	1.5mm/16Ga	1.5mm/16Ga
Throat depth	25.4mm/1"	208mm/8"	25.4mm/1"	208mm/8"	152mm/6"	70mm
Packing size	46×20×13cm	35×17×40cm	113×43×17cm	97×64×26cm	118×50×21cm	46×20×13cm
N.W./G.W.	5.5/5.8kg	24/26kg	24/26kg	29/30kg	38/50kg	5.4/5.7kg

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PPH500

- Anvil sizes: 1",2",3" radius
- Speed：875-1350 rpm
- Anvil-to-hammer opening：4"
- Operating air pressure：50 to 100(Max.) PSI

The Planishing Hammer
- Anvil sizes: 1",2",3" radius
- Anvil-to-hammer opening:4"
- Throat depth: 20"

The English Wheel
- Capacity: 0.75mm
- Throat depth: 20"

Optional Stand

UFP-2

PNEUMATIC PLANISHING HAMMER

- Smooth beads and forms mild steel sheet metal up to 16gauge
- Quick change of upper dies
- Machine supplied with one upper and anvil die set
- Three-Position airflow regulates speeds of pneumatic hammer
- Operating Air pressure:90 to 120 PSI

Item No.	392101	392102	373260
Model	PPH500	UFP-2	PPH-610
Capacity (steel)	-	0.75mm/22Ga	1.5mm/16Ga
Throat depth	500mm/20"	500mm/20"	610mm24"
Packing size	75×73×23cm	83×52×69cm	173×94×40cm
N.W./G.W.	23/26kg	76/98kg	90/145kg

PPH-610

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EUROPEAN DESIGN SERIES

- Rigid cast-iron design with steel base serving as utility shelf
- Two speeds for optimum cutting of metal

BS-260G

BS-170G

BS-180G

- Coolant pump ensures longer service life of saw blade
- Scale on the vise allows easy adjustments for angle cuts
- Quick adjusting vise for angular cuts-the saw frame swivels, not the material

Item No.		388016	388007	388017
Model		BS-170G	BS-180G	BS-260G
Capacity	Circular @90°	170mm(6.7")	180mm(7")	227mm(9")
	Rectangular @90°	170×200mm(6.7"×7.8")	180×260mm(7"×10")	260×110mm(10"×4.3")
	Circular @60°	70mm(2.7")	-	90mm(3.5")
	Rectangular @60°	60×60mm(2.3"×2.3")	-	85×85mm(3.3"×3.3")
	Circular @45°	120mm(4.7")	105mm(4")	150mm(6")
	Rectangular @45°	110×110mm(4.3"×4.3")	120×105mm(4.75"×4")	150×125mm(5.9"×5")
Blade speed	@50Hz	2P,80MPM 262FPM	39,66,82MPM	2P,72MPM 236FPM
	@60Hz	4P,40MPM 131FPM	34,55,66MPM	4P,36MPM 118FPM
Blade size		20×0.9×2085mm	20×0.9×2362mm	27×0.9×2455mm
Motor power		0.75/1.1kW 1/1.5HP(3PH)	750W 1HP(3PH),1.1kW 1.5HP(1PH)	0.75/1.1kW 1/1.5HP(3PH)
Drive		Gear	Gear	Gear
Packing size		125×72×100cm	131×57×113cm	146×72×110cm
N.W./G.W.		170/202kg	180/210kg	190/263kg

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EUROPEAN DESIGN SERIES

- Down feed system controlled by electric valve European design

BS-215G

- Coolant pump ensures longer service life of saw blade
- Scale on the vise allows easy adjustments for angle cutting

BS-280G

- Quick adjusting vise for angular cuts-the saw frame swivels, not the material

Item No.		388118	388119
Model		BS-215G	BS-280G
Capacity	Circular @90°	150mm(6")	220mm(8.6")
	Rectangular @90°	200×120mm(7.8"×4.7")	250×155mm(10"×6.1")
	Circular @60°	-	100mm (4")
	Rectangular @60°	-	80×95mm(3.1"×3.7")
	Circular @45°(Right)	120mm(4.7")	160mm(6")
	Rectangular @45°(Right)	130×90mm(5"×3.5")	160×110mm(6.3"×4.3")
Blade speed	@50Hz	40/80MPM	40/80MPM
Blade size		20×0.9×2060mm	27×0.9×2450mm
Motor power		0.6/0.85kW 0.8/1.1HP(3PH)	0.75/1.1kW 1/1.5HP(3PH)
Drive		Gear	Gear
Packing size		116×71×79cm(body) 61×39×67cm(stand)	133×80×110cm(body) 67×40×62cm(stand)
N.W./G.W.		212/245kg	254/287kg

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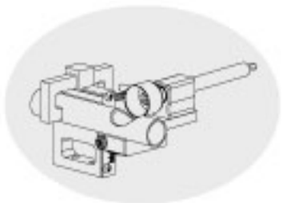

PNM 1-1/2

- Item No. 376208
- Model: PNM 1-1/2"
- Capacity of 3/4" to 3" OD
- Angles up to 50°
- All CNC machined
- Heavy duty 1 1/4" thick steel frame
- 2-axis adjustable tubing clamp
- Can offset notch up to 1 1/2" vertically
- 1" Ground & Polished Stainless Steel shaft
- Easy mounting: Bolt or clamp it to a table or simply clamp it in a vise
- Uses inexpensive bi-metal hole saws
- Requires an ordinary 1/2" hand drill
- Packing size: 31×16×9cm
- N.W./G.W.: 9.6/10.5kg

UTN40

- Item No.: 376210
- Model: UTN40
- Capacity: 1/2" to 2"
- Speed: 280RPM
- Motor: 1 HP AC Motor 15A

UTN40V

- Item No.: 376211
- Model: UTN40V
- Capacity: 1/2" to 2"
- Speed: 75 - 250 RPM Adjustable Speed
- Motor: 1-1/2 HP DC Motor 15A

Work pieces sample

Specification for UTN40/UTN40V

- End Mill Design for Fast Metal Removal
- V Block Design Means Quick Setup Time
- Swivel Vise with 1 Degree Increments
- No Coolant Needed
- No Dust of Excessive Noise
- Portable & Easy to Move to the Job

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TUBE NOTCHER / PIPE NOTCHER

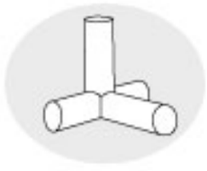
- This precision pipe notcher is a useful fixure for your drill press,allowing you to make round cuts in pipe and tubing of kinds shapes at any angle
- Sturdy and durable steel frame holds your work-pieces rigid during operation
- Base is adaptable to any worktable and is especially suitable to be mounted on drill presses
- The base may be swivelled and rotated, which in conjunction with the adjustable pipe holder makes cutting compound angles easily
- PN-1/2H & PN-1/2 are made of Aluminium. And PN-1/2S is made of Steel.

PN-1/2H

PN-1/2A

PN-1/2S

Item No.	Model	Tubing Capacity	Spindle	Spindle Adapter	Angle Adjustment	N.W./G.W.(kg)	Packing size(cm)
376201	PN-1/2A	2"	3/4"	1/2" to 5/8"	0 - 45°	2.8/3	30×17×12
376202	PN-1/2S	2"	3/4"	1/2" to 5/8"	0 - 60°	4.5/5	30×17×12
376212	PN-1/2H	2"	1"	1/2" to 5/8"	0 - 50°	4.1/4.6	31×18×13



RA1/RA2/RA3

RAB (vent notcher)

MODEL: PTN12U
ELECTRIC PIPE/TUBE NOTCHER

Item No.	376203	376204	376205	376206	376209
Model	RA1	RA2	RA3	PTN12U	RAB
Capacity	1/4",3/8",1/2"	3/4",1",1-1/4"	1-1/2",2"	1/4"-2"	max .155" wall thickness
Packing size(cm)	50×18×16	50×18×16	50×18×16	86×40×45	50×18×16
N.W./G.W.(kg)	6.5/7.5	8/9	15/16	85/92	6/7

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F1.2 x 560

F1.2 x 710

- 6pcs forming wheels and the upper rolling wheel included with delivery for F1.2x560, F1.2x710, F1.2x560A

F1.2 x 560A

- Quick change

Item No.	373222	373221	373229
Model	F1.2 x 560	F1.2 x 710	F1.2 x 560A
Capacity (steel)	1.2mm/18Ga	1.2mm/18Ga	1.2mm/18Ga
Throat depth	560mm/22"	710mm/28"	560mm/22"
Packing size	84×74×33cm	89×80×24cm	84×74×33cm
N.W./G.W.	61/77kg	76/82kg	57/73kg

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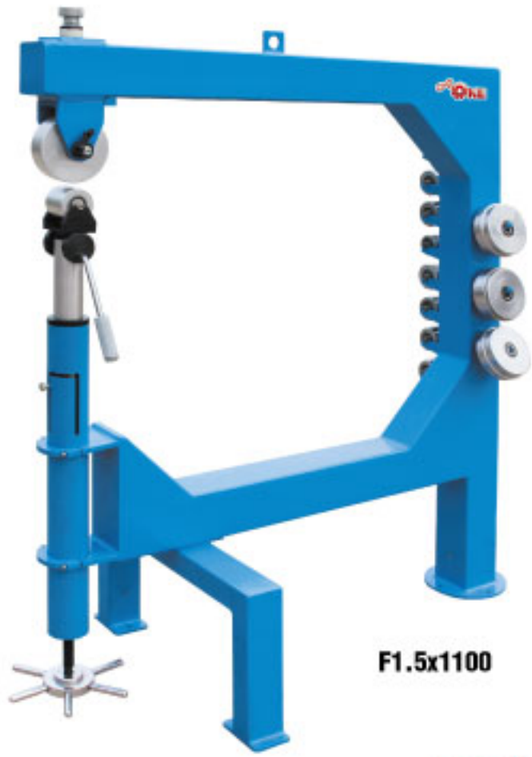
Item No.	373218
Model	F1.2 x 1000
Capacity (steel)	1.2mm/18Ga
Throat depth	1040mm/40"
Packing size	140×65×105cm
N.W./G.W.	133/176kg

- Professional version with pressure control by foot
- Quick lever mechanism
- Sideways adjustment of the lower forming wheels
- 5pcs forming wheels included

F1.2 x 1000



F1.5x1100

- 45"deep throat depth allow it easily to work with large panels
- Rolls beads and forms mild steel sheet metal up to 1.5mm(16Ga)
- Machine supplied with 10 lower wheels and 4 upper rolling wheels
- Quick cam handle release the work piece

Item No.	373261
Model	F1.5x1100
Capacity (steel)	1.5mm/16Ga
Throat depth	1145mm /45"
Packing size	170×152×39 cm
N.W./G.W.	185/245kg

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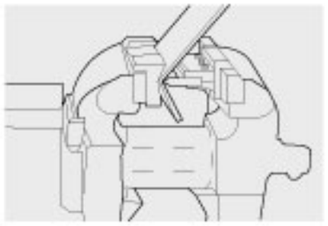
- Item: 373204
- Model: FB-4
- For cold forming of steel and metals including setup plate for table clamping
- Also bends closed forms
- Stamps a stencil for round roll bending available
- Packing size: 41 × 16 × 19 cm
- N.W./G.W.: 8.5 / 10 kg

FB-4

BRAKE DIE SET-VISE MOUNT



- To be used on the vice
- Easy operation

Item No.	Model	Capacity(mm)		Packing size(cm)	Weight(kg)
		Width	Thickness		
373209	BDS-4	100	2	55×28×11(20PCS)	1.1
373210	BDS-5	125	2	55×28×11(20PCS)	1.5
373211	BDS-6	150	2	56×34×12(20PCS)	2.1
373212	BDS-8	200	2	44×28×12(10PCS)	2.6

- Model: HP-20
- Round deep-hole, square or similar stamps
- Easy quick stamps and stencil replacement
- Stencil 34×34×16mm
- Standard die:16mm or 5/8"
- Stencil series(Extra Cost)
  The metric system(mm): 3,4,5,6,7,8,9,10, 11,12,13,14,15
  The inch system(inch): 1/8",3/16",1/4",5/16", 3/8",7/16",1/2",9/16",5/8"

HP-20

Item No.	376401
Model	HP-20
Max.punching capacity(mm)	8.0
Throat depth(mm)	160
Punch mold&die(mm)	55×34×18
Packing dimension(cm)	52×23×92
N.W./G.W.(kg)	74/80

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- High quality steel body design
- For press-fitting and pulling bearings
- 4-positon plate

AP-1/2

AP-3

AP-5 (Cast-iron)

AP-8

Item No.	Model	Capacity (ton)	Max.Height &Dia(mm)	Largest arbor(mm)	Table size (mm)	Ram Square(mm)	Press Ht (mm)	Base size (mm)	Packing size (cm)	N.W./G.W. (kg)
376501	AP-1/2	1/2	90×80	26	Ø95	19×19	280	240×170	26×12×29	11/12
376502	AP-1	1.0	110×100	29	Ø120	25×25	355	268×190	29×14×35	15/16
376503	AP-2	2.0	180×123	40	Ø155	32×32	445	432×260	46×20×46	36/38
376504	AP-3	3.0	285×163	44	Ø185	38×38	615	455×300	46×24×64	63/65
376505	AP-5	5.0	400×226	70	Ø255	50×50	815	645×176	76×37×95	155/166
376514	AP-6	6.0	450×260	65	Ø260	50×50	645	660×280	67×29×77	120/123
376515	AP-8	8.0	450×255	65	Ø255	60×55	650	640×255	65×27×82	130/133

Max.height 260mm
Max.Dia. 200mm

MP-1

AP-1S

RAP-2/RAP-3

MP-800

Item No.	376516	376512	376513
Model	MP-1	AP-1S	AP-2S
Capacity (KN)	10	10	20
Handle power(N)		200	200
Travel (mm)	120	150+60	200+80
Table Size (mm)	235	200x120	200x150
Dimension (mm)	650x300x200	400x220x450	400x250x450
Net weight (kg)	25	16	22

Item No.	376509	376506	376507
Model	MP-800	RAP-2	RAP-3
Pressure(ton)	0.8	2	3
Pressure stroke(mm)	2.0	-	-
Max.shut height(mm)	140	-	-
Opening(mm)	-	180	380
Packing size(cm)	38×38×66	45×20×47	46×23×63
N.W./G.W.(kg)	38/44	44/46	58/60

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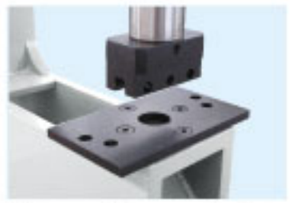
- Item No: 376510
- Fits Punch & Flare Tools and Punch & Bead Tools
- Uses industry standard punch & dies for round, square and oblong holes
- Rugged Welded Plate Construction
- Bronze bushings for Long life
- Can be used as a standard arbor press
- Accept all bench press and louver press tooling
- 12" deep throat
- Max. Capacity: 3ton
- Packing size: 68x38x70cm
- N.W./G.W.: 67/80kg

BP-3T



Adaptor and Die mounting plate are deliveried with machine.

EBP-10T

- Item No: 376511
- The 10 ton Hydraulic Bench press accepts all bench press and louver press tooling of BP-3T
- Uses industry standard punch & dies for round, square, and oblong holes
- Rugged Welded Plate Construction
- 6" tool opening
- 4" strock, 10ton cylinder
- 25" extra deep throat
- Standard Adaptor and Die mounting plate
- Packing size: 135×115×62cm
- N.W./G.W.: 302/360kg

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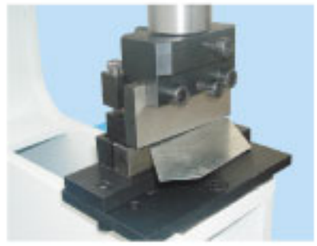
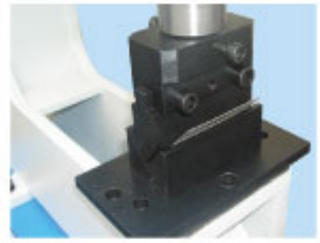
MANUAL & HYDRAULIC BENCH PRESSES



Shear Kit
Max capacity:16ga. Mild steel

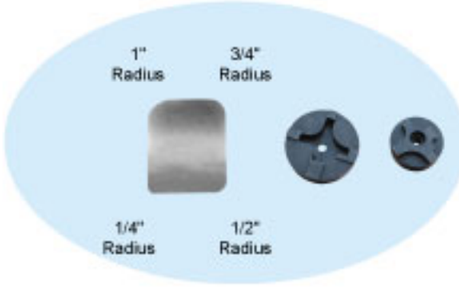


90° Bend Kit
Max capacity: 3/8" Mild steel

Universal Tool Stand
Item No.: 378131

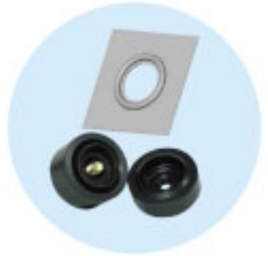
Corner Punch
Max capacity:16ga. Mild steel &
1"x1"cut out

Louver Punches
Max capacity: 3/8" Mild steel
in 1",2",3",4" & 5"



Corner Radius Punch
Capacity: 16ga. Mild steel

Punch & Flare Kit
Capacity: 1"- 3"



Punch & Bead Kit
Capacity: 1" - 3"

- Save yourself a lot of time and money for rounding your projects at those corners

- Create a smooth hole in one easy step
- Precision machined from heat-treated steel for years of use
- 16 gauge mild steel max

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TP-12A

TP-12B

- Two kinds of stands A and B for your choose
- Manual Punching Via Hand Lever
- Accurate and lower cost machine
- Dies diameter can up to 2-1/4" according to special requirement.
- Delivered with 12 round punches: 3/16", 1/4", 5/16",3/8",1/2",9/16",5/8",3/4",7/8",1",1-1/8",1-1/4"
- Punches and dies for square,oval,rectangular and other shaped can be supplied as special requirement.

Item	376410	376411	376412	376413
Model	TP-12A	TP-12B	TP-24A	TP-24B
Capacity-Pressure	6000 kg	6000 kg	6000 kg	6000 kg
	15000 lb	15000 lb	15000 lb	15000 lb
Throat Depth	305mm	305mm	608mm	608mm
	12"	12"	24"	24"
Clearance between dies and stripping surface	11mm	11mm	11mm	11mm
	7/16"	7/16"	7/16"	7/16"
Strole of Ram	17mm	17mm	17mm	17mm
	21/32"	21/32"	21/32"	21/32"
Power	manual	manual	manual	manual
Number of Station	12	12	12	12
Max. Punch Diameter	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Max. Punch thickness	6mm	6mm	6mm	6mm
	3Ga	3Ga	3Ga	3Ga
Packing size	72×45×78cm	80×75×150cm	112×45×85cm	120×80×160cm
N.W./G.W.	270/315kg	390/450kg	455/520kg	690/800kg

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- Ironworker is used for Punch, Shear, Notch and Brake mild steel plate, bar-stock and angle. A wide range of accessories are available to fabricate rod, square stock, sheet metal and pipe

STANDARD TOOLING
1. punch dies 15/16" 2. flat steel shear 3. angle steel shear

OPTIONAL TOOLING		
1	55ton-2000	punch dies 7 sets, include 1 1/16",13/16", 11/16",9/16",7/16",5/16",3/16"
2	55ton-4000	right angle notcher
3	55ton-3000	puch Heterotypic hole
4	55ton-6000	brake die
5	55ton-8000	slot die
6	55ton-9000	pipe notcher, includes 3/4"，1"，1-1/4",1-1/2",2"
7	55ton-9100	round pipe shearing die
8	55ton-5000	angle steel: 2"×2" square：3/4"×3/4" round (O.D)：¢3/4", ¢5/8", ¢3/8", ¢1/2", ¢1/4" flat steel：width 6"×5/16"mm
9	55ton-9200	gauging table kit and fabricators protector

M55

show with optional press brake tooling

Item No.		381110	381111	381112
Model		M50	M55	M60
Punching	Max. capacity	1" dia. In 5/8" plate	1-1/16" dia. in 5/8" plate	1" dia. in 3/4" plate
Flat bar shearing	Max. width	1/2"×10"	1/2"×12" or 3/8"×14"	1/2"×12" or 3/8"×14"
	Max. thickness	3/4"×4"	3/4"×4"	3/4"×4"
Angle shearing	Max. size	4"×4"×1/4" or 3"×3"×3/8"	4"×4"×1/4" or 3"×3"×3/8"	4"×4"×3/8" or 3"×3"×1/2"
Coper notcher	Max. capacity	—	—	1-1/2"×5"×1/4"
	Max. thickness			2-1/2"×4"×3/8"
Rated capacity		50 Ton	55 Ton	60 Ton
Throat depth		7"	7-1/2"	7-1/2"
Open height		8-1/6"	8"	8"
Shut height		7"	6-3/4"	6-3/4"
Stroke		1-1/8"	1-1/4"	1-1/4"
Motor power		5HP	5HP	5HP

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Physical profile chart after riveting

Metal organizational chart after riveting

Work principium of rolling riveter

XM series riveting machine is one new-style rolling riveter developed according to the principle of cold rolling work. Compared to the traditional riveting technology, it has the following obvious advantages:

1. Workpiece can keep fit without deformation after riveting as the riveting forming pressure is small which is only 1/10 pressure of the normal punch riveting;
2. Smooth and nice appearance after riveting;
3. No vibration, Low noise, Low energy consumption;
4. High efficiency and low cost;
5. safe and easy operation.

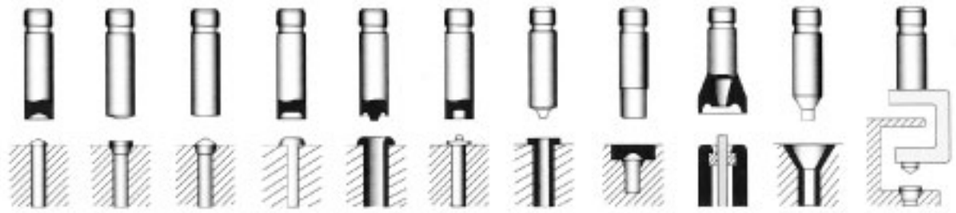
Therefore the rolling riveting is replacing the traditional methods such as hammering, punching and hot riveting. Now they are extensively used in automobile & motorcycle manufacturing, light industry manufacturing, appliance & instrument, and hardware tools ect.

With optional tools, it can rivete without the rivete and to be used as the normal press.

XM-8

Riveting samples

Schematic diagram for riveting type



XM-8-01 XM-8-02 XM-8-03 XM-8-04 XM-8-05 XM-8-06 XM-8-07 XM-8-08 XM-8-09 XM-8-10 XM-8-11

Main specification

Item No.	Model	Max. riveting dia.	Max. pressure	Max. spindle travel	Max. distance from head to table	Table size	Overall dimension
376521	XM-5	5 mm	8.5 Kn	20 mm	120 mm	Ø120 mm	440x320x822 mm
376522	XM-8	8 mm	13 Kn	30 mm	275 mm	250x200 mm	700x500x1477 mm
376523	XM-10	10 mm	19 Kn	30 mm	275 mm	250x200 mm	700x500x1500 mm
376524	XM-16	16 mm	34 Kn	50 mm	220 mm	350x250 mm	800x585x1850 mm
376525	XM-20	20 mm	65 Kn	30 mm	250 mm	420x300 mm	1070x500x1930 mm
376526	XM-30	30 mm	100 Kn	30 mm	300 mm	500x355 mm	1300x580x2200 mm

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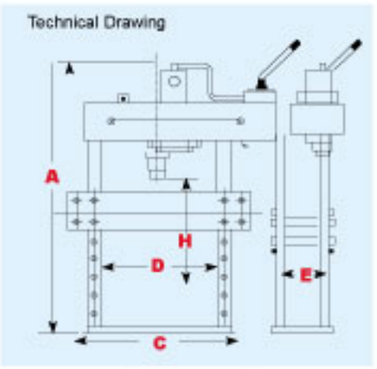
HP-20S

Technical Drawing



Item No.	382107	382108
Model	HP20S	HP30S
A(mm)	1600	1700
B(mm)	750	750
C(mm)	750	750
D(mm)	490	550
E(mm)	200	250
H(mm)	700	800
Stroke(mm)	170	170
Weight	175	190

HP-30S

- Rigid weldment design
- Reliable highly accurate hydraulic system
- Pressing & clamping
- Straightening beam, shaft and section

382101

382102

382103

382105/382106

Item No.	382101	382102	382103	382105	382106
Capacity(ton)	10	12	10	20	30
Height(mm)	713	1283	1276	1562	1710
Width(mm)	596	514.4	516.9	670	760
Working space(mm)	146-922	66.7-990	146-922	146-922	6.4-615
N.W./G.W.(kg)	80/95	54/56	65/67	116/131	200/225

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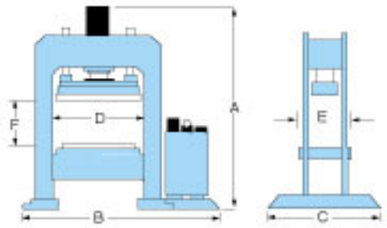

Model	A	B	C	D	E	F
HP-20/HPB-490	1400	1100	450	500	140	490
HP-30/HPB-580	1460	1100	450	500	160	490
HP-50/HPB-790	1750	1300	550	800	200	540
HP-100/HPB-1010	1950	2350	750	1000	270	540
HP-150/HPB-1500	2250	2450	750	1000	270	790
HP-200/HPB-2000	2250	2850	850	1000	300	790
HP-300/HPB-3000	2450	3400	1200	1200	350	600
HP-500/HPB-5000	2790	4200	1300	1200	400	600

Optional at extra cost

- CE Standard
- Complete protection
- Footpedal switch
- Travel limited switch

HP-30

HP-100

Item No.	Model	Capacity (kn)	Pressure (mpa)	Piston travel/ Table travel(mm)	Table size (mm)	Dimension (cm)	Hydraulic Station(cm)	N.W./G.W. (kg)
382001	HP-30	300	25	200+270	300×400	123×55×160	-	420/650
382002	HP-50	500	25	220+405	350×480	150×65×195	-	980/1100
382011	HP-63	630	25	220+405	350×480	150×65×195	-	1020/1500
382017	HP-80	800	50	260+650	400×780	160×70×200	-	1020/1220
382006	HP-100	1000	30	250+405	460×980	182×75×225	73×63×96	1220/1420
382012	HP-150	1500	30	250+405	460×980	184×75×225	73×63×96	1350/1750
382013	HP-200	2000	31.5	300+405	500×1000	194×95×235	90×80×106	2200/2400
382014	HP-300	3000	31.5	300+405	700×1200	210×95×270	110×120×135	4200/4500
382015	HP-400	4000	31.5	300+405	800×1200	230×100×290	110×120×135	5500/5850
382016	HP-500	5000	31.5	300+405	900×1200	230×100×290	110×120×135	6500/6900

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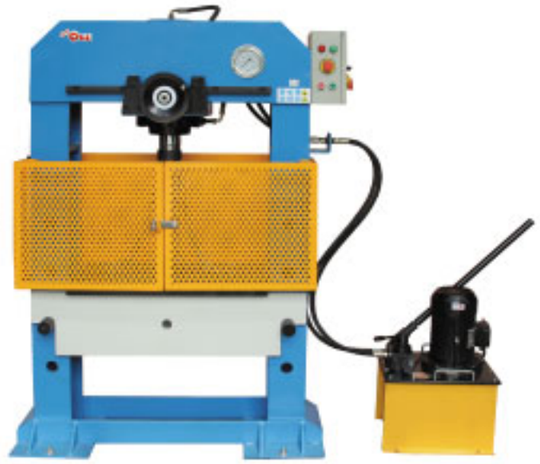
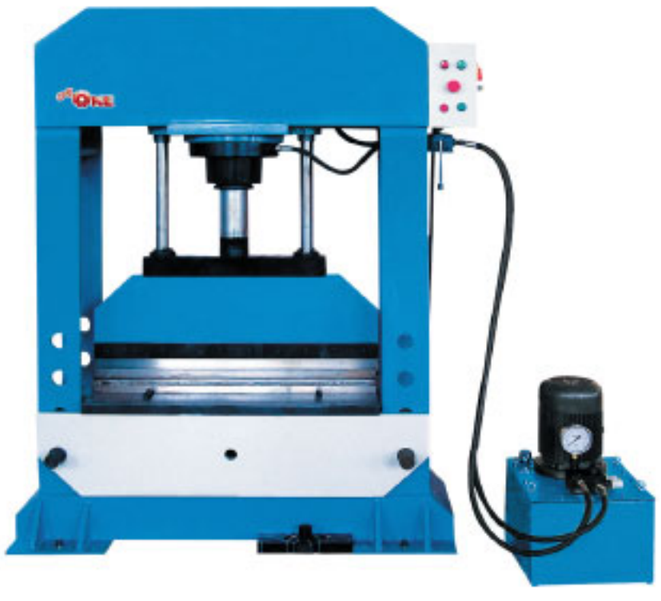


HP-80M

Open fence

- Mobile cylinder
- Manual and electrical hydraulic station
- Fast lifing table frame

HPB-580



HPB-1500

- With the function of brake
- With adjustable worktable
- Extremely torsion-proof steel weldment
- Reliable, highly accurate hydraulic system
- Hydraulic press include replaceable toptools V-block and support table with stops
- Table can be lifted through a chain driven by the main cylinder

Item No.	Model	Capacity (kn)	Pressure (mpa)	Piston travel/ Table travel(mm)	Table size (mm)	Dimension (cm)	Hydraulic Station(cm)	N.W./G.W. (kg)
382008	HPB-580	300	25	300+270	300×400	116×55×160	-	650/830
382003	HPB-790	500	25	220+405	400×800	150×65×195	-	1100/1280
382004	HPB-1010	1000	30	250+405	460×980	184×75×225	73×63×96	1380/1590
382009	HPB-1500	1500	30	250+405	460×980	184×75×225	73×63×96	1750/1980
382010	HPB-2000	2000	30	300+405	500×1000	194×95×235	90×80×106	2600/2880

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PLC programming

HP-50F

HP-315F1

- HP-F1 series four column sliding hydraulic press is traditional model
- It takes the advantages of rational structure and long life, suitable for large-scale enterprise

Item No.	Model	Capacity(kn)	Pressure(mpa)	Travel(mm)	Table size(mm)	Packing size(cm)	Weight(kg)
382111	HP-50F	500	50	300	400×600	80×80×210 70×60×120	980
382113	HP-100F	1000	50	300	500×700	98×85×220 70×60×120	1220
382114	HP-150F	1500	60	300	550×850	110×95×220 70×60×130	1600
382115	HP-200F	2000	60	300	550×850	120×110×225 80×70×130	1960
382211	HP-150F1	1500	31.5	300	870×670 670×675	80×100×210 110×70×120	2800
382212	HP-200F1	2000	31.5	300	970×700 700×700	250×100×150 110×70×130	3600
382214	HP-315F1	3150	32	400	1090×800 800×800	340×130×170 110×70×150	8600

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- It is widely used for general forging works, such as drawing-out, upsetting, punching, chiseling, forging, welding, bending and twisting
- It is also used for forging in bolster dies

C41-16KG

C41-40KG

Item No.	392001	392002	392003	392004	392005
Model	C41-16KG	C41-20KG	C41-25KG	C41-40KG	C41-75KG
Beat weight(kg)	16	20	25	40	75
Beat capacity(kgf·m)	180	220	270	530	900
Height of working(mm)	180	200	240	245	300
Beat times/minute	258	270	250	245	210
Length of rectangular(mm)	20×20	30×30	40×40	52×52	65×65
Length of circular(mm)	Ø20	Ø35	Ø45	Ø68	Ø85
Power(kW)	1.5	2.2	2.2	4	7
Speed of motor(rpm)	1440	1440	1440	1440	1440
Weight of anvil block(kg)	-	200	250	400	850
Packing size(cm)	58.4×39×95	67×37×105	80×41×121	108×60×139	160×95×195
N.W./G.W.(kg)	240/265	500/560	760/860	1350/1450	2800/2900

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SS-13W

- Design patent
- Variable speed
- Large cutting capacity
- With flexible dust blower
- 0-45° work table tilt
- Clear blade safety guard
- Pin blade can easy change
- 65 Manganese steel blade
- Blade dimension: 127×2.8×0.3mm

Patent No.200420040929.9

- Design patent
- Variable speed
- Large cutting capacity
- With flexible dust blower
- 0-45° work table tilt
- Clear blade safety guard
- Pin blade can easy change
- 65 Manganese steel blade

SS-16W

Patent No.200420040929.9

Item No.	387001	387002	387003
Model	SS-13W	SS-16W	SS-22W
Max.cutting thickness	85mm/3.35"	85mm/3.35"	85mm/3.35"
Max.cutting swing	330mm/13"	400mm/16"	550mm/22"
Work table tilt	0-45°	0-45°	0-45°
Motor power	90W	90W	125W
Speed range	750-1500rpm	750-1500rpm	750-1500rpm
Work table size	250x330mm	250x330mm	250x410mm
Packing size	41x38x18cm	48x39x18cm	64x42x18cm
G.W/N.W	12/11kg	14/12.5kg	22/20kg

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SS-16EW

- Variable speed
- Work table with slots
- T-slot miter gauge
- 0-45° work table tilt
- Quick release blade tension
- Use standard plain and pin blades

SS-16EC

- Variable speed
- PTO flexible shaft
- Flexible work light
- Quick release blade tension
- Flexible dust blower and dust port
- Use standard plain and pin blades

Optional footpedal

Patented device for plain end saw blade

Optional stand

Optional tools kit

Item No.	387005	387009
Model	SS-16EW	SS-16EC
Max. cutting thickness	50mm/2"	50mm/2"
Max. cutting swing	400mm/16"	400mm/16"
Work table tilt	0-45°	0-45°
Motor power	90W	125W
Speed range	750-1500rpm	750-1500rpm
Work table size	254x414mm	254x414mm
Flexible shaft	No	Yes
Flexible work light	Optional	Standard
Packing size	64x29x34cm	66x29x34cm
G.W/N.W	17/15kg	17.5/15.5kg

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- Multifunctional portable woodworking machine WM 2000 is the most compact-sized and lightweight machine.
- The main functions of the machine are planning and sawing.
- Two built-in planing knives with the possibility of subsequent re-sharpening; device for smooth adjustment of planing depth and protective guards;
- Overload protection for safety purpose

WM2000

Surface planing

Crosscut sawing

Planing using clamping device

Lengthwise sawing

Lengthwise sawing along rib

Angle planing

Crosscut angle sawing

Item No.	570001
Model	WM2000
Max. one-way planing thickness	200mm
One-way planing depth	0-3mm
Max. sawing depth	70mm
Max. planing thickness with use of clamping device	200mm
Max. thickness of clamped object	60mm
Range of cutting and planing angles at using devices	0-45degree
Rated diameter of saw-blade	210mm
Quantity of knives	2pcs
Knife length	200mm
Saw table dimensions LxW	710x500mm
Dimensions of the tables (mobile and immobile) at planing LxW	700x220mm
Rated idle RPM	5500revs/min
Rated input power	2kW
Working mode of electric motor	S6-40
Packing size	86x52x25cm
N. W./ G.W.	43/56kg

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- Multifunctional portable woodworking machine
- WM 2500E is the most powerful with 2500Watt;
- This machine has built-in electronic block which make it possible to start the machine at min.160V
- Overload protection of electric motor

WM2500E

Surface planing

Angle planing

Planing using clamping device

Lengthwise sawing

Milling/drilling

Crosscut sawing

Crosscut angle sawing

Lengthwise sawing along rib

Item No.	570002
Model	WM2500E
Max. one-way planing thickness	250mm
One-way planing depth	0-3.5mm
Max.sawing depth	100mm
Max. planing thickness with use of clamping device	250mm
Max. thickness of clamped object	60mm
Range of cutting and planing angles at using devices	0-45degree
Rated diameter of saw-blade	280mm
Quantity of knives	2pcs
Knife length	250mm
Saw table dimensions LxW	750x510mm
Dimensions of the tables (mobile and immobile) at planing LxW	882x318mm
Table dimensions at milling/drilling, LxW	370x200mm
Rated idle RPM	5500revs/min
Rated input power	2.5kW
Working mode of electric motor	S6-40
Packing size	92x58.5x33cm
N.W./G.W.	60/63kg

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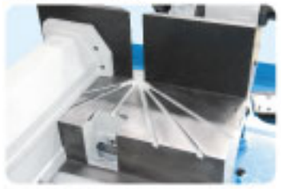
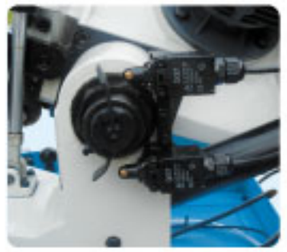
Fast angle stop



Left & right swivel 30° 45° 60°

Bow swivel angle ruler



Bow poisition limit switch

BS-315G

- Hydraulic cylinder for controlled descent
- High-capacity band control by two-speed motor
- Accident preventing devices on the fly wheel casing and on the blade
- Vertical rotation on bolt with adjustable tapered bearings without backlash
- Band stretching is obtained by electro-mechanical blade tensioner with microswitch
- Hand switch control available
- Swivel on both sides
- Electric coolant system

Item			388122
Model			BS-315G
Capacity	Circular	@90°	230mm (9")
	Rectangular	@90°	315×170mm (12.4"×6.7")
	Circular	@60° (Right)	130mm(5")
	Rectangular	@60° (Right)	130×130mm (5"×5")
	Circular	@ 45° (Left & Right)	210mm (8.25")
	Rectangular	@ 45° (Left & Right)	210×170mm (8.25"×6.7")
Blade speed	@50HZ		40/80MPM
	@60HZ		48/96 MPM
Blade size			27×0.9×2825mm
Motor			0.75/1.1kW
Drive			Gear
Packing size			163×87×97cm(body) 72×56×60cm(stand)
N.W./G.W.			350 / 390 kg

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METAL CUTTING BAND SAW

Hydraulic rise and down

Hydraulic clamping vice

Control panel

BS-315GH

- Hydraulic cylinder for controlled descent
- High-capacity band control by two-speed motor
- Accident preventing devices on the fly wheel casing and on the blade
- Vertical rotation on bolt with adjustable tapered bearings without backlash
- Band stretching is obtained by electro-mechanical blade tensioner with microswitch
- Swivel on both sides
- Electric coolant system

Item			388124
Model			BS-315GH
Capacity	Circular	@90°	230mm (9")
	Rectangular	@90°	315×170mm (12.4"×6.7")
	Circular	@60° (Right)	130mm(5")
	Rectangular	@60° (Right)	130×105mm (5"×4")
	Circular	@ 45° (Left & Right)	210mm (8.25")
	Rectangular	@ 45° (Left & Right)	210×170mm (8.25"×6.7")
Blade speed	@50HZ		40/80MPM
	@60HZ		48/96 MPM
Blade size			27×0.9×2825mm
Motor			0.75/1.1kW
Drive			Gear
Packing size			163×90×155cm
N.W./G.W.			380 / 420 kg

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- Multifunctional portable woodworking machine
- WM 2200 can be used in the capacity of planing, sawing,milling and drilling;
- Rated power-2200 Watt;
- Max.Diameter of saw blade up to 250mm;

WM2200

Surface planing

Angle planing

Planing using clamping device

Lengthwise sawing

Lengthwise sawing along rib

Crosscut sawing

Crosscut angle sawing

Milling/drilling

Item No.	570003
Model	WM2200
Max.one-way planing thickness	250mm
One-way planing depth	0-3.5mm
Max.sawing depth	85mm
Max.planing thickness with use of clamping device	250mm
Max.thickness of clamped object	60mm
Range of cutting planing angles at using devices	0-45 degree
Rated diameter of saw-blade	250mm
Quantity of knives	2 pcs
Knife length	250mm
Saw table dimensions LxW	750-510mm
Dimensions of the tables (mobile and immobile) at planing LxW	882x318mm
Table dimensions at milling/drilling,LxW	370x200mm
Rated idle RPM	5500revs/min
Rated idle power	2.2kW
Working mode of electric motor	S6-40
Packing dimensions LxWxH	92x58x30cm
N.W./G.W.	59/62kg

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- Multifunctional portable woodworking machine WM2200R is the most functional one,the basic function:thicknessing, sawing,planing,milling and drilling.This machine does not require special working place as there are supporting legs in the set of shipment.
- Max.section of working object at thicknessing:250x160mm
- Dimension of table at thicknessing(LxW):580x250mm

WM2200R

Surface planing

Angle planing

Planing using clamping device

Lengthwise sawing

Lengthwise sawing along rib

Crosscut sawing

Milling/drilling

Crosscut angle sawing

Item No.	570004
Model	WM2200R
Max.one-way planing thickness	250mm
One-way planing depth	0-3.5mm
Max.sawing depth	85mm
Max.planing thickness with use of clamping device	250mm
Max.thickness of clamped object	60mm
Range of cutting planing angles at using devices	0-45 degree
Rated diameter of saw-blade	250mm
Quantity of knives	2 pcs
Knife length	250mm
Saw table dimensions LxW	750-510mm
Dimensions of the tables (mobile and immobile) at planing LxW	1000x318mm
Table dimensions at milling/drilling,LxW	370x200mm
Rated idle RPM	5500revs/min
Rated idle power	2.2kW
Working mode of electric motor	S6-40
Packing dimensions LxWxH	104x52.5x53.5cm
N.W./G.W.	78/82kg

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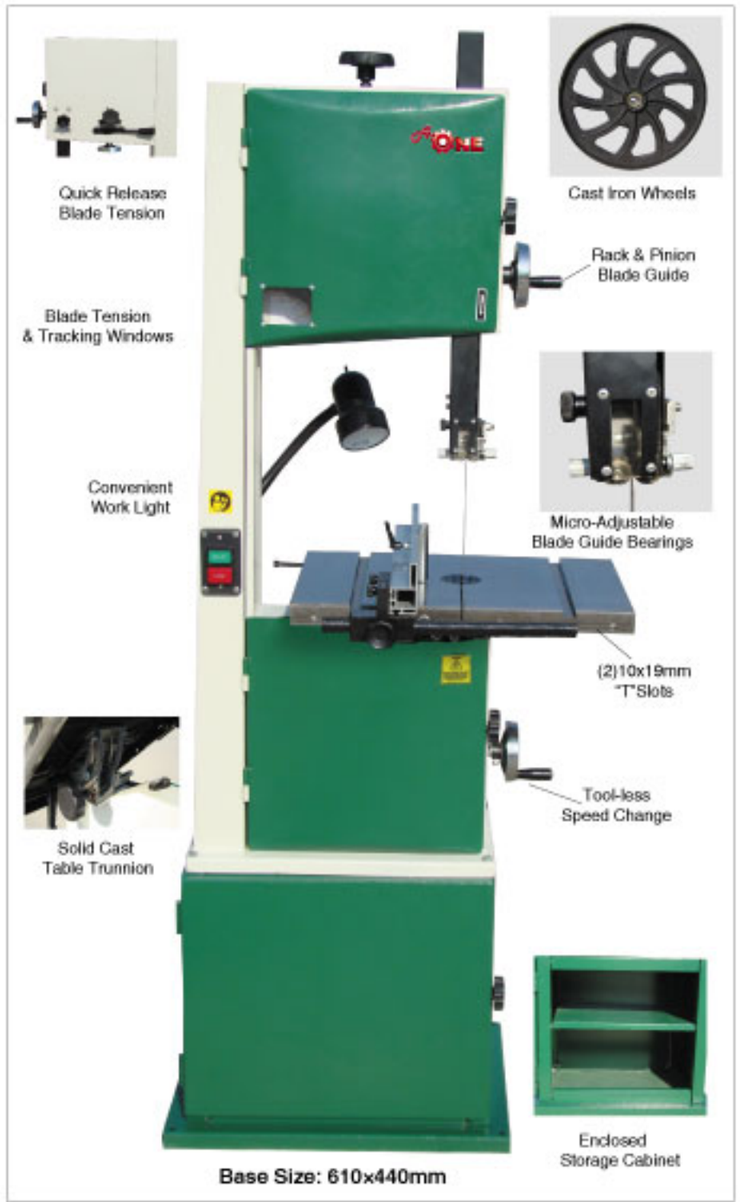
14" DELUXE BANDSAW
MODEL:TBS-356

- **330mm Re-Saw Capacity**
  Largest re-saw capacity for slicing veneers,book matched projects and lumber sizing
- **Quick Release Blade Tension**
  Quickly release blade tension when changing blade or when machine is off,increasing blade life
- **406×546mm Work Table**
  Large work space for your material
- **Edge Facing Thrust Bearings**
  Extends blade life and improves stability
- **2 Speeds 440/900 m/min**
  Allows cutting of non-ferrous materials
- **Hinged Blade Guide with Sight Window**
  Easy access blade changes and workpiece visibility
- **99mm Dust Port**
  Attach your dust collection system for a cleaner work environment
- **Blade Tension Window**
  Check your blade tension without opening the door
- **Heavy Duty Fence with Drift Adjustment**
  Blade drift in your workpiece can be easily adjusted. The fence can be mounted right or left of the blade; includes re-saw bar.

Item No.	571006
Model	TBS-356
CUTTING CAPACITY	
Height	330mm
Width	346mm
BLADE	
Width	3-19mm
Length	2819mm
TABLE	
Size	406x546mm
Left Tilt	10°
Right Tilt	45°
Groove "T" Slot	(2)10x19mm
Height to Floor	1005mm
MOTOR	
Amps	14/7A
Horsepower	1.1kW/1.5HP
Volts	115/230V
Speed Capacity	2
Speed Range	380/800 m/min
OVERALL	
Height	1850mm
Width	762mm
Depth	635mm
Net Weight	114kg
Packing size	139x48x60cm



Base Size: 610x440mm

Accessories:

"T" Slot Miter Gauge

Model: 356-912

Table Inserts(4-Pack)

Model: 356-391

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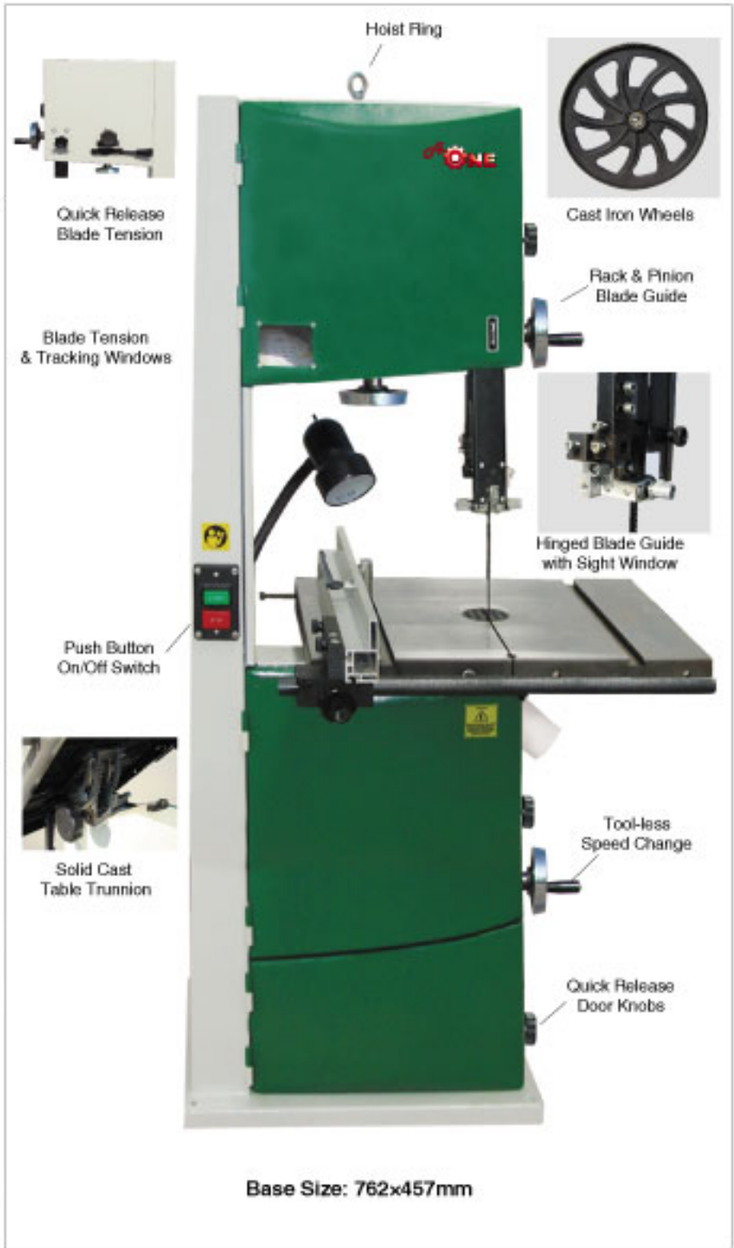
WOOD-CUTTING BANDSAW

18" BANDSAW
MODEL: TBS-457

- **305mm Re-Saw Capacity**
  Re-saw large pieces,slicing veneers and book matched projects
- **Quick Release Blade Tension**
  Quickly release the blade tension when changing blades or when machine is off,increasing blade life
- **533×483mm Large Work Surface**
  Support for your large workpieces
- **Edge Facing Thrust Bearings**
  Extends blade life and improves stability
- **2 Speeds 460/980 m/min**
  Allows cutting of non-ferrous materials
- **Double Bearing Blade Guides**
  Adds stability and reduces friction for longer blade life
- **(2) 90mm Dust Ports**
  Attach your dust collection system for a cleaner work environment
- **Tire Cleaning Brush**
  Decreases saw dust build up on wheels
- **Quick Release Fence with Drift Adjustment**
  Blade drift in your workpiece can be easily adjusted; includes Re-Saw bar.

Item No.	571007
Model	TBS-457
CUTTING CAPACITY	
Height	305mm
Width	467mm
BLADE	
Width	6-32mmmm
Length	3607mm
TABLE	
Size	533x483mm
Left Tilt	10°
Right Tilt	45°
Groove "T" Slot	(2)10-19mm
Height to Floor	959mm
MOTOR	
Amps	11A
Horsepower	2.2kW/3HP
Speed Capacity	2
Speed Range	460/980 m/min
OVERALL	
Height	1930mm
Width	969mm
Depth	694mm
Net Weight	176kg
Packing size	201x60x103cm



Base Size: 762x457mm

Accessories:

"T" Slot Miter Gauge

Model: 457-912

Table Inserts(4-Pack)

Model: 457-391

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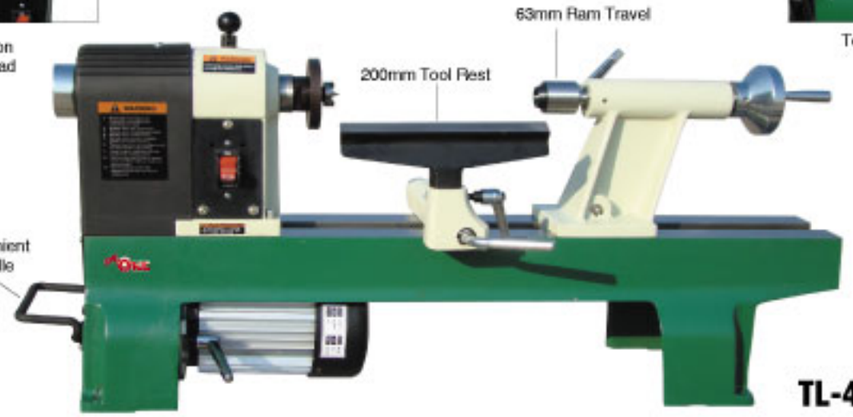
12 Position Index Head

63mm Ram Travel

200mm Tool Rest

Tool Holder

Convenient Handle



TL-406

Ability to Add Multiple Extensions

Easy Access Speed Changes

Self-Ejecting Tail Stock

Item No.	572001
Model	TL-406
MOTOR	
Horsepower	0.37kW/0.5HP
Amps	6.6A
SWING	
Swing Over Bed	305mm
Swing Over Tool Rest Base	241mm
Working Distance Between Centers	406mm
SPEEDS	
Number of Speeds	6
Range(m/min)	131,246,375,552,814,1188
HEADSTOCK/TAILSTOCK	
Spindle Nose inxTPI	25mmx8
Headstock Taper	MT-2
Tailstock Taper	MT-2
Ram Travel	63mm
OVERALL	
Height	813mm
Width	267mm
Depth	483mm
Net Weight	40kg
Packing size	86x46x29cm

Includes: 200mm Tool Rest, Adjustment Wrenches, Nylon Face Plate Bushing, Spur Center, Live Center, 76mm Face Plate and Knockout Bars.

- **305mm Swing/ 406mm Between Centers**
  Largest mini lathe in the industry. This increased capacity lets you do more while occupying less space
- **12 Position Index Head**
  Allows accurate pattern work to be performed on projects such as fluting, grooving,drilling and layout.It will also lock the spindle for accessory removal.
- **Easy Access Speed Change**
  Provides ample room to change speeds quickly
- **Nylon Face Plate Washer**
  Prevents accessories from sticking to the spindle;for easy removal
- **Self Ejecting Tail Stock**
  No need to use the knock-out bar to remove the center
- **Convenient Handle**
  Flip up handle makes mobility comfortable
- **Tool Holder**
  Store your live center,spur center and knockout bars for quick and easy access
- **Accessories:**

Stand

Extension Bed

Stand extension

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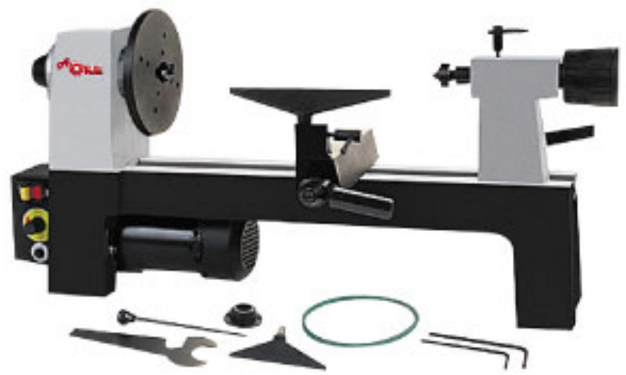

MC 330

Item No.	389203
Model	MC330
Motor	250W
Speed	Variable
Spindle speed	750-3200rpm
Swing over bed	8"/200mm
Distance between centers	12"/305mm
Drive spindle	1"8RH thread or other
Head and tailstock taper	MT1 or other
Face plate	2"/50mm
Tool rest	7"/178mm
Packing size	71x34x19cm
N.W./G.W.	20/21kg
	44/46lb

Lathe Essentials:

Spur Center
MT-2
#TL-943

Tool Rests

		Post Dia.
#TL-924	100mm	16mm Post
#TL-926	150mm	16mm Post
#TL-928	200mm	16mm Post
#TL-929	305mm	25mm Post

No-Lock Spindle Washers
#TL-990 ID 35mmxOD 44mm
#TL-992 ID 29mmxOD 41mm

Spur Center
MT-2
#TL-944

Multi-V Belts
#TL-995 (689mm Lx6mm W)
#TL-991 Others(625mm Lx6mm W)
#TL-996 508mm Lathe Drive

Live Center
MT-2
#TL-945

Face Plates

#TL-933	76mm	25mmx8TPI
#TL-934	88mm	32mmx8TPI
#TL-936	152mm	25mmx8TPI

Live Center
MT-2
#TL-946

Center Point

#TL-948	(Left)	For #TL-943 #TL-945
#TL-947	(Right)	For #TL-944

Drill Chuck&Arbor

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J640-12

Item No.	377002
Model	J640-12
Saw Dia.	305mm
Cutting travel	640mm
Arm tilting	90°
Cutting angle	0-90°
Motor angle	0-180°
Motor power	2.2kW
Packing size	128×115×100cm
N.W./G.W.	195/248kg

- Heavy Duty Stand
- Adjustable Table Stops
- See-Through Safety Guard
- Cam Action Hold Down Clamp
- Table Moves on Ground Columns
- Simple horizontal boring machine to drill accurate holes into the edges of flat lumber for doweling, hardware alignment, basic mortising
- Simple lever-action controls table movement while a front-mounted handwheel allows you to make precise height adjustments.

Item No.	575000
Model	WM-01
Table size	210×360mm
Cross travel	85mm
Longitudinal travel	80mm
Drill chuck size	13mm
Speed	3450rpm
Motor power	0.75kW
Packing size	93×57×56cm
N.W./G.W.	82/98kg

WM-01

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MS36127A

MS36127C

MS36127

MS3816HT

MS3816C

MS3816WH

Item No.	575111	575112	575113	575114	575115	575116
Model	MS36127A	MS36127C	MS36127	MS3816HT	MS3816C	MS3816WH
Chisel capacity	6-12mm(1/4"-1/2")			6-16mm(1/4"-5/8")		
Max. mortising depth	76mm(3")			76mm(3")		
Drill chuck capacity	1-13mm			1-13mm		
Max. chisel travel	110mm			110mm(MS3816WH-140mm)mm		
Over height	700-800mm			800mm/814(MK361B)		
Motor power	370w(550W)			370w(550W)		
Spindle speed	1400(2800)RPM			1400(2800)RPM		
Packing size	57x31x28cm			67×45×34cm		
G.W./N.W.	27/25kgs			41/39kgs		

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MGX16

- Stops for height, depth and cross ways
- Two clamp bearing blocks on the workpiece table
- Adjustable heavy ball guidances
- With Height scale

Item No.	575001
Model	MGX16
Table size	545x265mm
Cross travel	170mm
Longitudinal travel	220mm
Vertical stroke	150mm
Drill chuck size	16mm
Speed	2800rpm
Motor power	2.2kW
Packing size	86x66x133cm
N.W./G.W.	172/215kg

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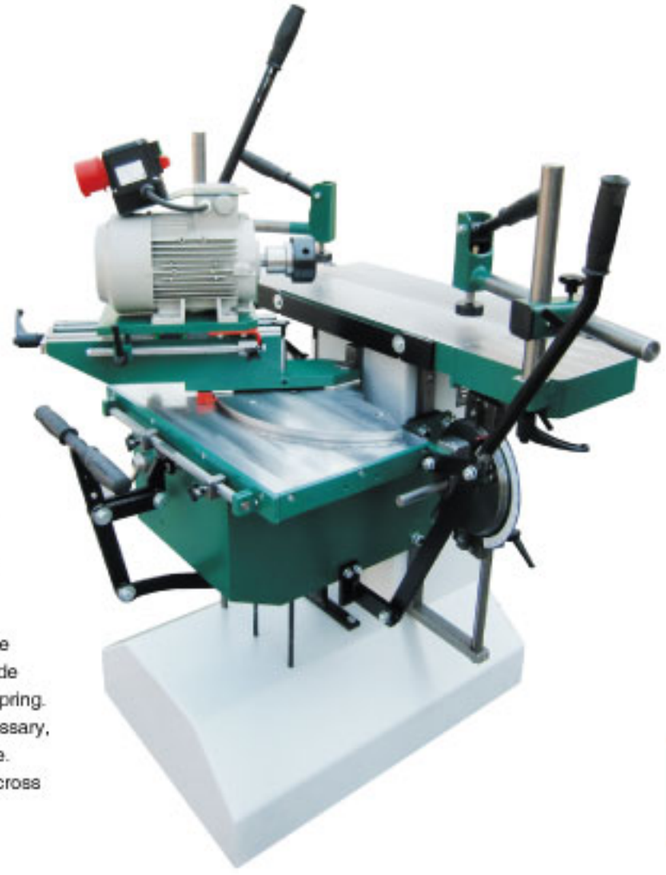

- The motor table is moved, the work piece table is fixed, thus large work pieces like doors etc. can be worked on without problems.
- The quick lifting system makes works easier, faster, more effective and more universal. The lifting unit can be moved very easily and with exact precision due to a guide system with ball bearings which is supported by a gas spring.
- The lifting unit can be locked at any position and if necessary, be adjusted most exactly through a fine-adjusting device. So the vertical stroke way can be used for working like cross and depth stroke
- Head swivel angel： ±60°

MGX20R

Item No.	575002
Model	MGX20R
Table size	595x316mm
Cross travel	215mm
Longitudinal travel	260mm
Vertical stroke	145mm
Drill chuck size	20mm
Speed	1400/2800rpm
Motor power	1.5/1.9kW
Packing size	106x88x133cm
N.W./G.W.	240/285kg

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- Table swivel ±20°
- Column swivel ±20°

MS3840

MS3840T

Item No.	575117	575118
Model	MS3840	MS3840T
Chisel capacity	6-26mm(1/4"-1")	6-26mm(1/4"-1")
Max. mortising depth	76mm(3")	76mm(3")
Drill chuck capacity	3-16mm	3-16mm
Column tilt	/	±20°
Table tilt	/	±20°
Max. chisel travel	210mm	210mm
Over height	1700mm	1870mm
Motor power	750(1100)W	750(1100)W
Spindle speed	1400(2800)RPM	1400(2800)RPM
Packing size	Body 56×48×82cm 101/80kgs	Body 62×56×98cm 127/104kgs
G.W./N.W.	Stand 50×40×63cm 18/16kgs	Stand 50×40×63cm 18/16kgs

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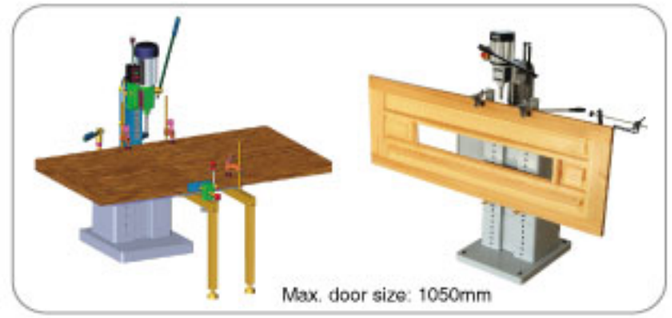
HEAVY-DUTY MORTISER



High stand included as standard accessories

MS3840M

Item No.	575119
Model	MS3840M
Chisel capacity	6-26mm
Max.mortising depth	76mm
Max.chisel travel	150mm
Drill chuck capacity	3-16mm
Travel in front and behind	100mm
Travel in left and right	180mm
Table size	500×150mm
Over height	1850mm
Motor	1.1/(2.2)KW
Spindle speed	1400(2800)RPM
Packing size	Body 72×62×118cm 190/212kg
G.W./N.W.	Stand 47×36×47cm 22/20kg

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MS1/2A (MX5110A)

- Precision ground cast iron work table
- Steel open stand
- Heavy-duty miter gauge
- Router bit spindles accepts 1/4" and 1/2"

WS3/4 (MX5115)

Item No.	573201	573202
Model	WS1/2A(MX5110A)	WS3/4(MX5115)
Spindle diameter	ø19.05mm(3/4")	ø30mm
Spindle travel	25.4mm(1")	75mm
Spindle speed	(50Hz)7000rpm	(50Hz)5800 or 8300rpm
Table size	610×480mm	610×534mm
Motor power	0.75kW(1.5kW)	1.5kW(2.2kW)
Packing size	82×69×56cm	66×58×110cm
G.W./N.W.	85/70kgs	166/140kgs

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WS3/4B (MX5108)

- Spindle Diameter 30mm
- Table Size 620×350mm
- Motor Power 1.5kW
- Cutterblock Vertical Stroke 78mm

Item No.	573203
Model	WS3/4B (MX5108)
Spindle diameter	ø30mm
Cutterblock vertical stroke	78mm
Spindle speed	4 steps (3650,4780,6780&9350)50Hz
Table size	620×350mm
Motor power	1.5kW
Packing size	72×47×122cm
G.W./N.W.	105/85kgs

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TDM260

- Integrated dust extraction
- High quality and industrial machine
- Grey cast iron tables with grounded surface
- Spiral-toothed infeed roller supports an easy infeed of the workpiece
- Stable column guided thicknessing table with anti rotation stabilizer
- Spring-suspended cutterblock protection device for maximum safety
- Precise bedded cutterblock

Item No.	573000	573001	573002
Model	TDM260	TDM320	TDM410
Planing width	260mm	320mm	410mm
Table length	1050mm	1500mm	1800mm
Max. cutting depth	3mm	5mm	5mm
Min./max. thickness height	3-160mm	3-230mm	3-225mm
Feeding speed	6m/min	6m/min	6m/min
Fence tilt	90°-45°	90°-45°	90°-45°
Motor power	2.2kW	2.2kW	3.0kW
Packing size	118x59x95cm	160x62x98cm	183x67x98cm
N.W./G.W.	198/232kg	285/335kg	420/490kg

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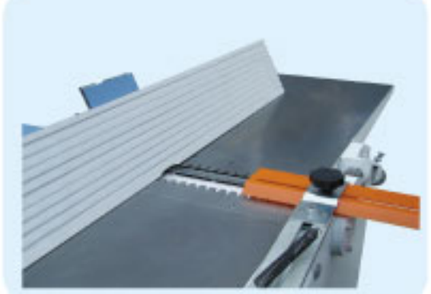
TDM320

- High quality and industrial machine
- Grey cast iron tables with grounded surface
- Stable fence (1100x150mm) tiltable from 90° to 45°
- Precise bedded cutterblock
- Feeding speed column 6.5m/min
- Spiral-toothed infeed roller supports an easy infeed of the workpiece
- Stable column guided thicknessing table with anti rotation stabilizer
- Spring-suspended cutterblock protection device for maximum safety
- Standard accessories: planer knives, fence
- Optional accessory: dust collector



Stable fence and cutterblock protection device

Spiral-toothed infeed roller and bedded cutterblock

Precise but easy setting up

Thicknessing operation

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Standard conveyor

- Optional PLC
- Optional: Servo motor with variable speed

BS-460G

- High-capacity band control by two-speed motor
- Vertical rotation on bolt with adjustable tapered bearings without backlash
- Band stretching is obtained by electro-mechanical blade tensioner with microswitch
- Hydraulic cylinder for controlled descent
- Hydraulic clamping vice
- Swivel on both sides
- Electric coolant system

Item No.			388125
Model			BS-460G
Capacity	Circular	@90°	330mm (13")
	Rectangular	@90°	460×250mm (18"×9.8")
	Circular	@60° (Right)	205mm (8")
	Rectangular	@60° (Right)	205×250mm (8"×9.8")
	Circular	@45° (Left & Right)	305mm (12")
	Rectangular	@45° (Left & Right)	305×250mm (12"×9.8")
Blade speed	@50HZ		40/80MPM
	@60HZ		48/96 MPM
Blade size			27×0.9×3960mm
Motor			1.5/2.2kW
Drive			Gear
Packing Size			231×107×163cm
N.W./G.W.			750 / 830 kg

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BS-460GB semi CNC

▸ PLC control

▸ Feeding & clamping

- Optional: Servo motor with variable speed
- Automatic feeding & clamping
- Metric and inch two kinds of feeding length can be selected
- 3m length feeding and back platform
- With manual defend net, can protect operator's safety effectively
- Effective width of feeder stand:460mm
- Height of feeder stand：850mm
- Max. feeding (single)：500mm

Item No.			388127
Model			BS-460GB
Capacity	Circular	@90°	330mm (13")
	Rectangular	@90°	460×250mm (18"×9.8")
	Circular	@60° (Right)	205mm (8")
	Rectangular	@60° (Right)	205×250mm (8"×9.8")
	Circular	@45° (Right)	305mm (12")
	Rectangular	@45° (Right)	305×250mm (12"×9.8")
Blade speed	@50HZ		40/80 MPM
	@60HZ		48/96 MPM
Blade size			27×0.9×3960mm
Motor			1.5/2.2 kW
Drive			Gear
Packing Size			250 × 230 × 163 cm
N.W./G.W.			1250/1430kg

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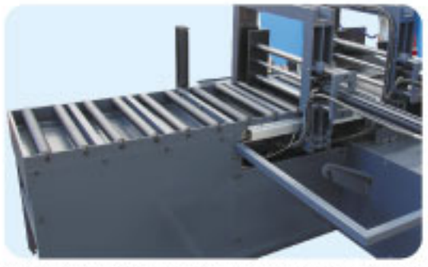
BS-650G

- CNC automatic feeding and cutting
- with hydraulic clamping vice
- with automatic rotary saw bow
- with servo motor for variable saw speed
- The maximum length of an automatic feed up to 650mm .



Auto feeding with shuttle clamping vice, linear scale indacator

Item No.			388126
Model			BS-650G
Capacity	Circular	@90°	460mm (18")
	Rectangular	@90°	650×350mm (25.6"×13.8")
	Circular	@60° (Right)	310mm (12.2")
	Rectangular	@60° (Right)	310×350mm (12.2"×13.8")
	Circular	@45° (Right)	460mm (18")
	Rectangular	@45° (Right)	460×350mm (18"×13.8")
Blade speed			23-95 rpm
Blade size			41X1.3×5220mm
Motor			4.0kW, servo motor
Drive			Gear
Packing Size			292×218×217cm
N.W./G.W.			2020 / 2320 kg

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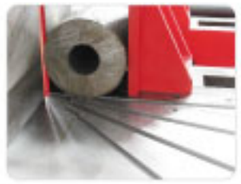
BS-850G

- CNC automatic feeding and cutting
- PLC control
- with hydraulic clamping vice
- with automatic rotary saw bow
- Max. Rotary degree 45°
- with servo motor for variable saw speed
- Max. Single feed distance 600mm

PLC control with finger touch screen



15°,30°,45° angle cutting

CE standard switch protect operator safe

Auto. chip conveyor

Item No.			388128
Model			BS-850G
Capacity	Circular	@90°	600mm
	Rectangular	@90°	850mmx600mm
	Circular	@45° (Right)	400mm
	Rectangular	@45° (Right)	400x600mm
Blade size			54x1.6x6685mm
Motor			5.5kW, servo motor
Packing Size			Body:355x212x266cm, Feeder:179x172x149cm
N.W./G.W.			4900 kg

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Blade welding function on the machine

blade cutting

blade welding

blade sanding

VS-400

- ▸can make various kinds of cutting such as beveling, Shaping, contour,slicing ect.
- ▸with variable speed can make various material cutting such as metal,plastic, wood, rubber ect.
- ▸Servo motor is optional
- ▸Table tilted 45°
- ▸Table gauge available
- ▸3-16mm blade width can be choosen
- ▸Blade guard height adjustable
- ▸Variable blade speed by programming inverter
- ▸Working light

Item No.		388201
Model		VS-400
Max.Cutting capacity	Height	285mm (11.2")
	Width	400mm (15.7")
Table size		550x600mm (21.7"×23.6")
Blade speed (50Hz)		0~1400rpm
Length of saw blade		3390-3467mm
Blade width		3-16mm
Table tilt		R-45°, L-15°
Main motor/Grinde motor		1.5kW(2HP),0.09kW(1/8HP)
Electric welder		2.4KVA
Packing Size		107 × 80 × 200cm
N.W./G.W.		315 / 360 kg

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work table can be swiveled

Table gauge

Blade guard height adjustable

VS-500

- ▸can make various kinds of cutting such as beveling, Shaping, contour,slicing ect.
- ▸with variable speed can make various material cutting such as metal,plastic, wood, rubber ect.
- ▸3-16mm blade width can be choosen(for VS-585, 6-19mm)
- ▸Servo motor is optional
- ▸Table tilted 45°
- ▸Variable blade speed by programming inverter
- ▸Working light

Item No.		388202	388203
Model		VS-500	VS-585
Max.Cutting capacity	Height	310mm (12.2")	336mm (13.2")
	Width	500mm (19.7")	585mm (23")
Table size		660x700mm (26"×27.6")	660x700mm (26"×27.6")
Blade speed (50Hz)		0~1400rpm	0~1400rpm
Length of saw blade		3980-4050mm	4430-4520mm
Blade width		3-16mm	6-19mm
Table tilt		R-30°, L-15°	R-30°, L-15°
Main motor/Grinde motor		1.5kW(2HP), 0.09kW(1/8HP)	1.5kW(2HP), 0.09kW(1/8HP)
Electric welder		2.4KVA	2.4KVA
Packing Size		140 × 90 × 220cm	147 × 95 × 230cm
N.W./G.W.		410 / 470 kg	555 / 640 kg

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- Vice complete with anti-burr device
- 24Volts low voltage installation with hold to run had control knob
- Movable head 45° right and left
- Reduction unit in oil bath

CS-225

Membrane pump for coolant

CS-250/275

Item No.		388025	388021	388022
Model		CS-225	CS-250	CS-275
Max.blade size		225mm (8.9")	250mm(9.8")	275mm (10.8")
Capacity	Circular @90°	60mm(2.36")	60mm(2.36")	70mm(2.75")
	Rectangular @90°	50×50mm(2"×2")	75×45mm(3"×1.77")	90×45mm(3.5"×1.77")
	Circular @45°	52mm(2.05")	55mm(2.16")	65mm(2.56")
	Rectangular @45°	50×50mm(2"×2")	55×45mm(2.16"×1.77")	70×45mm(2.75"×1.77")
Blade speed @50Hz		46rpm	42rpm	42rpm
Vice opening		70mm(2.8")	100mm(4")	100mm(4")
Motor power		750W 1HP	1.1kW 1.5HP	1.1kW 1.5HP
Drive		Gear	Gear	Gear
Packing size		64×39×72cm	88×58×78cm(body) 77×48×33cm(stand)	88×58×78cm(body) 77×48×33cm(stand)
N.W./G.W.		63/75kg	143/171kg	148/174kg

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- Easy manual press
- Quick adjusting vise for angular cuts the saw frame swivels
- Two different blade speed

▸ Double vise show

CS-315/350

Item No.		388019	388020
Model		CS-315	CS-350
Max.blade size		315mm (12.4")	350mm (13.8")
Capacity	Circular @90°	100mm(4")	120mm(4.7")
	Rectangular @90°	140×90mm(5.5"×3.5")	140×100mm(5.5"×4")
	Circular @45°	90mm(3.5")	105mm(4.1")
	Rectangular @45°	100×90mm(4"×3.5")	100×100mm(4"×4")
Blade speed @50Hz		18,36rpm	18,36rpm
Vice opening		145mm(5.7")	145mm(5.7")
Motor power		750W 1HP/1.3kW 1.7HP(3PH), 1.1kW 1.5HP(1PH)	
Drive		Gear	Gear
Packing size		98×62×90cm(body) 77×58×47cm(stand)	98×62×95cm(body) 77×58×47cm(stand)
N.W./G.W.		185/207kg	190/212kg

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- Blade can be swiveled ±45°
- Fast pneumatic clamping vice
- Pneumatic cylinder for controlled descent
- Professional for cutting aluminum alloy

QCS-400

Item No.		388040
Model		QCS-400
Max.blade size		400mm (15.7")
Capacity	Circular @90°	105mm(4.1")
	Rectangular @90°	200×80mm(7.8"×3.1")
	Circular @45°(Left & Right)	105mm(4.1")
	Rectangular @45°(Left & Right	200×80mm(7.8"×3.1")
Blade speed @50Hz		2800rpm
Motor power		1.1kW
Drive		Belt
Packing size		86×78×141cm
N.W./G.W.		100/130kg

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SQ-40-1

Item No.	377003
Model	SQ-40-1
Rotate speed(rpm)	2242
Wheel type(mm)	405×3×25.4(32)
Motor power(kw)	2.2
Max. capacity(mm)	Ø140
Packing size(cm)	86×48×57
N.W./G.W.(kg)	90/100

- Vice complete with anti-burr device
- 24volts low voltage installation with hold to run had control knob
- Abrasive cutting tool

- The Grinding Wheel Cut-off Machine is mainly used in architecture, metal, petrochemical, machine metallurgy and water and electricity installation etc.
- It is suitable for cut-off the round, special pipe and all kinds of angle steel and flat steel

TV-300

Item No.		388023	388024	388026
Model		TV-300	TV-350	TV-400
Max.blade size		300mm(11.8")	350mm(13.8")	400mm(15.7")
Capacity	Circular @90°	100mm(4")	120mm(4.7")	140mm(5.5")
	Rectangular @90°	70×120mm(2.7"×4.7")	80×120mm(3.1"×4.7")	90×120mm(3.5"×4.7")
	Circular @45°	90mm(3.5")	105mm(4.1")	120mm(4.7")
	Rectangular @45°	70×90mm(2.7"×3.5")	90×100mm(3.5"×4")	90×110mm(3.5"×4.3")
Blade speed @50Hz		5400rpm	4300rpm	3200rpm
Vice opening		190mm(7.5")	190mm(7.5")	220mm(8.6")
Motor power		4kW 50/60Hz	4kW 50/60Hz	5.5kW 50/60Hz
Drive		Belt	Belt	Belt
Packing size		87×56×84cm(body) 77×57×47cm(stand)	86×64×91cm(body) 77×57×47cm(stand)	120×66×110cm(body) 63×55×78cm(stand)
N.W./G.W.		140/165kg	145/170kg	235/285kg

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S-75/S-150A

S-150

- Quick-adjusting belt angle
- Vibration-free operation
- High belt speed
- Large face sanding area

Triangular stand for special optional

- Dust collector for special accessories

Working status

Item No.	389001	389016	389002
Model	S-75	S-150A	S-150
Motor power	3kW	3kW	2.2/2.8kW
Contact wheel	200×75mm	200×150mm	250×150mm
Belt size	2000×75mm	2000×150mm	2000×150mm
Belt speed	34m/sec.	34m/sec.	17m/sec. 34m/sec.
Packing size	115×57×57cm	115×65×65cm	115×63×64cm
N.W./G.W.	75/105kg	100/140kg	105/130kg

Specifications subject to change without notice.
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S-50

- a combination of belt grinder and Disk sander
- Smart dimensions and easy to carry

S-50B

- A compact machine with a great working potential
- Grinds, clears, brushes and removes the edges of different types of pieces

S-75F

Optional stand

- Adjustable depth stop
- Easy and comfortable operation
- Designed to grind/polish the workpiece which can not be transported without a major effort.
- High efficiency in grinding or polishing of weld seams on the floor

Item No.	389012	389014	389015
Model	S-50	S-50B	S-75F
Motor power	0.75kW	0.75kW	3kW
Contact wheel	75×50mm	100×75mm	200×75mm
Belt size	1000×50mm	1750×50mm	2000×75mm
Belt speed	22m/sec	13m/sec	34m/sec.
Packing size	54×44×37cm	80×50×55cm	105×70×95cm
N.W./G.W.	26/28kg	40/52kg	75/105kg

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Sanding for tube & profile

Sanding on back

Special roller size for optional

Metric	Inch
Ø20mm	1/2"
Ø26mm	3/4"
Ø32mm	1"
Ø42mm	1-1/4"
Ø48mm	1-1/2"
Ø60mm	2"
Ø76mm	2-1/2"

PRS-76C

- Vertical and Horizontal operation
- With double speed motor,forward and reverse control
- Grinds at any angle from 30-90°
- With dust collector connector
- Standard roller:1-1/2" ,4"
- Special roller size for optional from 1 3/8" to 5 9/16" any size we could do for you

Special roller size for optional

Metric	Inch
Ø20mm	1/2"
Ø26mm	3/4"
Ø32mm	1"
Ø42mm	1-1/4"
Ø48mm	1-1/2"
Ø60mm	2"
Ø76mm	2-1/2"

PRS-76A

- Steady Tri-angle stand with 8 sets roller holder
- 2 optional speeds fulfill different requirements
- Standard roller: Ø30mm

Item No.	389013	389017
Model	PRS-76A	PRS-76C
Motor power	2.2/2.8 kW	2.2/2.8 kW
Adjustable slide	200×75mm	200×75mm
Grinding ares	30° to 90°	30° to 90°
Speed	2800rpm	2800rpm
Belt size	100×2000mm	100×2000mm
Belt speed	15m/sec,30m/sec	15m/sec,30m/sec
Packing size	137×62×66cm	137×62×66cm
N.W./G.W.	178/208kg	188/218kg

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TUBE AND PROFILE END GRINDER

PRS-76

- Easy operation, rotating design
- Grinds at any angle from 30° to 90°
- Grinds any diameter from 20 to 76mm
- Grinds all major materials
- Suitable for tubes and profiles
- Standard roller: Ø28mm

PRS-150

- Combination of tube grinding, surface grinding and wheel grinding three functions
- With double speed motor, forward and reverse control
- Grinds at any angle from 30° -90°
- Grinds any diameter from 35-145mm
- With dust collector connector
- Standard roller: dia. 1-1/2" & 4"

Item No.	389003	389019
Model	PRS-76	PRS-150
Motor Power	3kW	5.5kW
Motor Speed	2800rpm	1400/2800rpm
Belt Size	100×2000mm	150×2000mm
Belt Speed	30m/sec	15/30 m/sec
Grinding angle	30° to 90°	30-90°
Graphite paper	380×100mm	400×160mm
Adjustable slide	200×75mm	175x150mm(Horizontal x Cross)
Dia of Driven Wheel	198mm	200mm
Dia of Contact Wheel	-	35-145mm
Packing size	130×56×46cm	165×88×142cm
N.W./G.W.	168/196kg	310/420kg

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BELT/DISK SANDER

- Support table for disk and belt grinding
- Easy belt change with quick-lock
- Belt sander can be based horizontally and vertically
- Dust collection plates for belt and disk grinder
- Optional exhaust connector

Item No.	389007
Model	BTM250
Belt dimension	150×1220mm
Belt speed	8.4m/sec.
Table dimension	152×267mm
Angular table adjustment	45°
Disk diameter	250mm
Table dimension	190×330mm
Disk speed	2100rpm
Chamfer angle	15°
Motor power	1.1kW
Packing size	80×53×114cm
N.W./G.W.	80/90kg

BTM250

BELT SANDER

TSM300

- Optimum speed for wood and metal
- Balanced disk ensures vibration-free operation
- Rigid steel base
- Large table with angular adjustment and miter stop
- Optional exhaust connector

Item No.	389004
Model	TSM300
Disk diameter	300mm
Disk speed	1960rpm
Table dimension	305×415mm
Miter stop	9.5×19mm
Motor power	1.1kW
Packing size	52×54×127cm
N.W./G.W.	90/117kg

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BELT SANDER/EDGE BEVELLER

- Beveling of ferrous and non-ferrous material
- Bevel angle from 45° to 15° easy bevel depth adjustment
- Removable top cover for sanding contours
- Optional exhaust connector

Item No.	389005
Model	BKM250
Belt dimension	150×1220mm
Belt speed	14.5m/sec.
Belt support area	159×375mm
Table dimension	188×375mm
Angular table adjustment	70°-135°
Miter stop	9.5×19mm
Mn.workpiece length	90mm
Max.chamfer 45°	6mm
Max.chamfer 15°	4.5mm
Chamfer angle	15°-45°
Motor power	1.1kW
Packing size	85×63×116cm
N.W./G.W.	118/152kg

BKM250

DUST VACUUM SYSTEM

DVS14

- Fan blades and enclosure made of aluminum
- Pull-out tray for easy waste disposal
- Simple filter change
- Cyclone technology ensures quiet and effective operation

Item No.	389006
Model	DVS14
Max.air throughput	14m³/min
Max.flow	25m/sec.
Filter	305×405×25mm
Hose size	75×1500mm
Motor power	0.75kW
Packing size	92×59×85cm
N.W./G.W.	58/60kg

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BS-712N

- Traditional and most universal model
- V-belt and Gear driven for optional

BS-712R

- The bow can be swiveled between 45° and 90°

Belt driven show

Item No.		388006	388008
Model		BS-712N	BS-712R
Capacity	Circular @90°	178mm(7")	178mm(7")
	Rectangular @90°	178×305mm(7"×12")	178×210mm(7"×8.25")
	Circular @45°	127mm(5")	127mm(5")
	Rectangular @45°	120×125mm(4.75"×4.88")	85×140mm(3.33"×5.5")
Blade speed	@60Hz	27,41,59,78MPM	27,41,59,78MPM
	@50Hz	22,34,49,64MPM	22,34,49,64MPM
Blade size		19×0.9×2362mm	19×0.9×2362mm
Motor power		750W 1HP(3PH), 1.1kW 1.5HP(1PH)	
Drive		V-belt	V-belt
Packing size		125×51×115cm	129×73×115cm
N.W./G.W.		145/178kg	170/192kg

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BS-712GR

- The bow can be swiveled between 45° and 90°
- Gear driven

Swivelling work show

BS-712GDR

- The bow can be swiveled between 45° and 90°
- Both sides swiveled exclusively design ±45°
- Gear driven

Item No.		388018	388009	388110
Model		BS-712G	BS-712GR	BS-712GDR
Capacity	Circular @90°	178mm(7")	178mm(7")	178mm(7")
	Rectangular @90°	178×305mm(7"×12")	178×210mm(7"×8.25")	178×210mm(7"×8.25")
	Circular @45°	127mm(5")	127mm(5")	127mm(5")
	Rectangular @45°	120×115mm(4.75"×4.5")	85×140mm(3.33"×5.5")	85×140mm(3.33"×5.5")
Blade speed	@60Hz	34,70,104MPM	34,70,104MPM	34,70,104MPM
	@50Hz	29,59,87MPM	29,59,87MPM	29,59,87MPM
Blade size		20×0.9×2362mm	19×0.9×2362mm	19×0.9×2362mm
Motor power		750W 1HP(3PH),1.1kW 1.5HP(1PH)		
Drive		Gear	Gear	Gear
Packing size		129×54×115cm	132×77×115cm	137×73×138cm
N.W./G.W.		170/194kg	175/197kg	210/260kg

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Item No.	389011
Model	DS20
Disc size	508mm
Table size	65×37mm
Base size	55.8cm×55.8cm
Grandient of work table	up 30°
	Down 45°
Input power	1.5kW
Disc speed	900rpm 50Hz
	1100rpm 60Hz
Packing size	77×71×138cm
N.W./G.W.	165/199kg

DS20

DS12

DS12A

DS12B

Item No.	389008	389009	389010
Model	DS12	DS12A	DS12B
Disc size	304mm	304mm	304mm
Table size	446×156mm	400×225mm(double)	400×225mm
Motor power	550W	750W	750W
Disc speed	1450rpm 50Hz	1450rpm 50Hz	1450rpm 50Hz
	1725rpm 60Hz	1725rpm 60Hz	1725rpm 60Hz
Packing size	46×43×43cm	66×47×44cm	51×47×44cm
N.W./G.W.	34/36kg	38/40kg	30/32kg

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CMD-4

Item No.	389107
Model	CMD-4
Chamfer size	0-4mm
Chamfer angle	15°-45°
Motor power	0.5HP/0.375kW
Motor speed	2800rpm
Packing size	40×30×25cm
N.W./G.W.	28/41kg

CMD-80

Item No.	389108
Model	CMD-80
Chamfer size	0-6mm
Chamfer angle	15°-45°
Motor power	1.5HP/1.1kW
Motor speed	2800rpm
Packing size	59×48×58cm
N.W./G.W.	69/85kg

DM5A

DM5

Item No.	389109	389110
Model	DM5	DM5A
Chamfer size	0-5mm	0-5mm
Chamfer angle	45°	45°
Motor power	370W	250W
Motor speed	0-4300rpm	2800rpm
Packing size	34×34×23cm	34×34×23cm
N.W./G.W.	9/10.5kg	9/10.5kg

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Accessories:

polishing mandrel

Keyless chuck

Velcro sanding disc

Clamping arbor A

Clamping arbor B

SP-2

- with variable speed
- have more functions with two discs
- can meet different polishing works
- safety cover can rotary in 360°
- many kinds of discs can be chosen

Item	389030
Model	SP-2
Speed (50Hz)	200-2800rpm
Belt size	2000x50mm
Disc dia with the belt	Φ150mm
Disc dia	Φ250-320mm
Power	2.2kW
Packing Size	126x72x150cm
NW/GW	146/180kg

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Item	387301	387302
Model	BG-8	BG-10
Motor Power	3/4 hp	1HP
	550 W	750W
Grinder size	8"×1"in	10"×1"in
	200×25mm	250×25mm
Motot shaft Dia.	5/8"in	7/10"in
	15.88mm	18mm
Wheel Grit	36/60	46/60
Packing size	37×35×48cm	37×35×48cm
G.W./N.W.	33/31kg	35/33kg

BG-8

- Perfect appearance for economical use
- Easy operation without big power
- Heavy duty cast iron construction

Vertical working

Horizontal working

BGM-50HV

- Horizontal and vertical working position
- 5 contact wheels, 3/4", 1", 1-1/2", 3-1/2", and 8"
- Polyurethane wheels ground flat for precision finishing
- Tilts on the side to be used as a bobbin grinder, also great for pipe notching
- Fully sealed bearings
- Sand disk available

BGM-50

- Variable speed by inverter
- Cast Frame
- Precision Machined Components
- Belt Guard
- Quick Belt Change & Tracking
- Cord and Switch included

Item	389050	389051
Model	BGM-50	BGM-50HV
Motor Power	1.1kW	1.5kW
Contact Wheel (cm)	180×38	87×50
Belt Size	38×1520cm (P60)	50×1220cm (P80)
		50×1220cm (P100)
Belt Speed	42m/Sec	18m/Sec
Packing Size (cm)	68×58×78	50×47×54 (Body)
		90×37×37 (Stand)
N.W./G.W. (kg)	46/68	103/135

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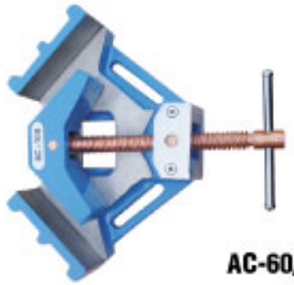
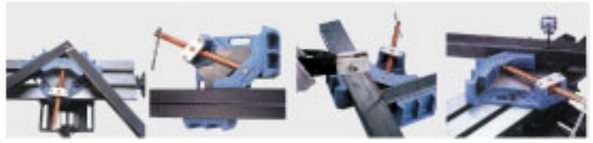
ANGLE CLAMP



AC-60/AC-100

Item No.	376301	376302
Model	AC-60	AC-100
Jaw height	35mm	60mm
Jaw width	60mm	90mm
Jaw opening	60mm	100mm
Weight	5kg	12kg



MACHINE VICE

- Easy operation with a smart body
- Fixing plate harden-processed

BSM100

BSM125

TSL-140Q

TSL-200

Item No.	376303	376304	376310	376313	376311	376314	376312	376315
Model	BSM100	BSM125	TSL-100	TSL-100Q	TSL-140	TSL-140Q	TSL-200	TSL-200Q
Jaw width	105mm	125mm	100mm	100mm	140mm	140mm	200mm	200mm
Jaw height	30mm	26mm	40mm	40mm	50mm	50mm	64mm	64mm
Jaw opening	100mm	125mm	100mm	100mm	140mm	140mm	200mm	200mm
Weight	4kg	10kg	13kg	13kg	18 kg	18 kg	20kg	20kg

TQA6"

TQB6"

TQC4"/TQC5"/TQC6"

Item No.	Model	Jaw width(inch)	Jaw depth(inch)	Jaw opening(inch)	Height(inch)	Base size(inch)	Weight(kg)
376305	TQC4"	4	1-1/2	4	4-9/16	7-3/4×5-3/4	14
376306	TQC6"	6	2	6	6	11-1/2×8-7/16	39
376307	TQB6"	6	1-3/4	9	6-1/4	12-3/4×11-3/4	48
376308	TQA6"	6	2	6	7-1/4	9×11-1/2	51
376309	TQC5"	5	1-3/4	5	5-1/2	10-1/2×7-1/2	28

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- Digital display
- 13mm Variable speed

WTZ-13J

WTZ-16J

- Digital display
- 16mm Variable speed

WTZ-16Q

WTZ-16JF

Item No.	387101	387102	387103	387104
Model	WTZ-13J	WTZ-16J	WTZ-16JF	WTZ-16Q
Max.drilling(mm)	13	16	16	16
Chuck size(mm)	1-13	3-16	3-16	3-16
Table size(mm)	165×165	Ø300	Ø300	Ø300
Table travel(mm)	140	360	600	360
Spindle taper	MT2	MT2	MT2	MT2
Spindle travel(mm)	50	80	80	60
Distance spindle axis to column surface	114mm/9"	182mm/25"	182mm/14"	182mm/14"
Spindle speeds range(r.p.m)	500-2600	300-2600	300-2600	300-2600
Column dia.(mm)	48	72	72	72
Motor power(W)	450	550	550	450
Packing size(mm)	460×420×255	780×520×290	1425×515×255	615×445×275
N.W./G.W.(kg)	25/27	60/64	70/75	37/40

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Optional: dust collector

BFM-2560

- The table movements using digital control (mm / inch switch available)
- Conveyor with variable speed mode
- Push-button control
- The four-poster synchronous hoisting structure
- High temperature resistant rubber conveyor belt
- Electric eye control abrasive belt
- On the middle of the rack to install the emergency stop
- Dust hood outer discharge port diameter of 6 inches (Φ152mm), the outer discharge port up the machine 2 inches (50mm)

Item No.	389041
Model	BFM-2560
Max. Width	600mm / 24"
Max.Thickness	1-156mm / 0.04-6"
Min. Length	300mm / 12"
Belt Size	635×1520 mm / 25×60"
Feeding Speed	2-9 (Variable speed) m/min 0.08-0.35"(Variable speed) m/min
Vacuum Air Flow	3000 m3/h
Main Motor Power(Belt Motor)	7.5 kW / 10 HP
Packing size (cm)	177×150×204（length of the rubber roller：645mm）
N.W./G.W.	1300 /1580kg 2860/3480lb

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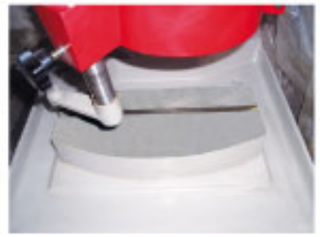
- Italian design
- Easy operated with high precision
- Small space requirements
- Easy operation

- Fixed table and Rotary table with magnetic chuck for optional



MD-380A with fixed table

MD-380B with rotary table

- Magnetic chuck optional

MD-380A/380B

Item No.	389204	389205
Model	MD-380A	MD-380B
Table size	386×177mm(Fixed table)	Φ400mm(Rotary table)
Overall dimensions of the machine	1250×950×1800mm	1250×950×1800mm
Max.height of grinding	280mm	280mm
Vertical increment	0.01mm	0.01mm
Wheel dimensions	200×78×78mm	200×78×78mm
Wheel speed	2800rpm	2800rpm
Electro-spindle	4HP	4HP
Coolant electro-pump	0.12HP	0.12HP
Capacity of coolant tank	20L	20L
Max.noise during working	68db	68db
N.W./G.W.	580\600kg	600\620kg

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- Both Drilling head and table moved up and down
- Working table can be swiveled
- Safety spindle guard
- 8 different speeds available
- Steady performance with Low noise

T-25/T-26

T-25A

- Special frame design with scale down feed

- Tapping is optional for T-25/T-25A/T-25B/T-26/T-26B

T-25B/T26B

Item No.	390001/390002	390005	390006	390007
Model	T-25/T25A	T-25B	T-26	T-26B
Max. drilling dia. (mm)	25	25	26	26
Spindle travel(mm)	125	125	125	125
Tapping capacity in steel/cast iron	M10/M16	M10/M16	M10/M16	M10/M16
Morse taper	MT3	MT3	MT3	MT3
Motor power	0.65kW/0.9kW	0.65kW/0.9kW	0.9kW/1.1kW	0.9kW/1.1kW
Spindle speeds at 50Hz	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900
Spindle speeds at 60Hz	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200
Packing size(cm)	167×57×72	94×46×73	167×57×72	94×46×73
N.W./G.W.	190/220kg	150/180kg	192/225kg	155/185kg

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- 24V safe voltage control
- Spindle protection with microswitch

T-25C

T-25BC

Item No.	390017	390018	390019	390020
Model	T-25C/T-25AC	T-25BC	T-26C	T-26BC
Max. drilling dia. (mm)	25	25	26	26
Spindle travel(mm)	125	125	125	125
Tapping capacity in steel/cast iron	M10/M16	M10/M16	M10/M16	M10/M16
Morse taper	MT3	MT3	MT3	MT3
Motor power	0.65kW/0.9kW	0.65kW/0.9kW	0.9kW/1.1kW	0.9kW/1.1kW
Spindle speeds at 50Hz	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900	105-210-350-445-700-890-1450-2900
Spindle speeds at 60Hz	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200	130-260-420-840-535-1070-1745-3200
Packing size(cm)	167×57×72	94×46×73	167×57×72	94×46×73
N.W./G.W.	190/220kg	150/180kg	192/225kg	155/185kg

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- Solid drilling table
- Precisely machined surface
- Solid base plate with T-slot

- T-28 is mechanical feed
- Tapping is optional for T-28B/T-30/T-30B

T-28 **T-30**

Item No.	390008	390010	390008	390010
Model	T-28	T-30	T-28B	T-30B
Max. drilling dia. (mm)	28	30	28	30
Spindle travel(mm)	150	150	150	150
Tapping capacity in steel/cast iron	M12/M16	M12/M16	M12/M16	M12/M16
Morse taper	MT3	MT3	MT3	MT3
Motor power	0.9kW/1.2kW	1.1kW/1.3kW	0.9kW/1.2kW	1.1kW/1.3kW
Spindle speeds at 50Hz	75-160-265-440-535-890-1490-3010	75-160-265-440-535-890-1490-3010	75-160-265-440-535-890-1490-3010	75-160-265-440-535-890-1490-3010
Spindle speeds at 60Hz	90-190-320-525-640-1060-1785-3610	90-190-320-525-640-1060-1785-3610	90-190-320-525-640-1060-1785-3610	90-190-320-525-640-1060-1785-3610
Feed speed(mm/rev)	0.1-0.15-0.22-0.33	-	0.1-0.15-0.22-0.33	-
Packing size(cm)	174×67×85	174×60×90	74×48×118	74×48×135
N.W./G.W.	255/320kg	240/310kg	195/215kg	200/220kg

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VERTICAL DRILLING MACHINE

- Danish top quality product
- Easy operation
- Continuous inner rated motor 8 speed

Elec. automatic feed

- T-32 with round rotary working table
- T-32/T-35 are elec. automatic feed
- T-40 is mechanical feed

T-32/T-35 **T-40**

Item No.	390012	390003	390004
Model	T-32	T-35	T-40
Max. drilling dia. (mm)	32	35	40
Spindle travel(mm)	150	150	190
Tapping capacity in steel/cast iron	M12/M16	M14/M18	M18/M22
Morse taper	MT4	MT4	MT4
Motor power	1.3kW/1.5kW	1.5kW/1.8kW	2.2kW
Spindle speeds at 50Hz	75-160-265-440-535-890-1490-3010	75-160-265-440-535-890-1490-3010	90-135-200-300-440-670-980-1500
Spindle speeds at 60Hz	90-190-320-640-530-1060-1790-3610	90-190-320-640-530-1060-1790-3610	106-162-240-360-528-805-1175-1800
Feed speed(mm/rev)	0.1-0.15-0.22-0.33	0.1-0.15-0.22-0.33	0.1-0.16-0.24-0.33
Packing size(cm)	170×67×90	170×67×85	217×57×93
N.W./G.W.	260/320kg	295/310kg	345/420kg

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TX530

- Variable spindle speed driven by frequency inverter
- High-low gear box with high torque
- Large capacity for drilling and tapping
- Casting Iron structure for long durablity

With mechanical automatic feed

TX530A

- Coolant as standard
- Safty guard with Microswitch
- T-slotted table with coolant through
- Forward and reverse taping system is standard

Item No.	390030	390031
Model	TX530	TX530A
Drilling capacity(mm)	32, 40(optional)	40
Tapping capacity(mm)	19	25
Swing (mm)	530	530
Spindle taper	MT3, MT4(optional)	MT4
Spindle travel	150	150
Spindle speed	High speed 245-2000rpm, Low speed 65-540rpm	High speed 245-2000rpm, Low speed 65-540rpm
Spindle nose to table(mm)	530	605
Spindle nose to base(mm)	1180	1150
Quill diameter(mm)	75	75
Column diameter(mm)	115	115
Motor power	2.2kW	2.2kW
Table size(mm)	560×475	560×475
Table slot(mm)	16	16
Base size(mm)	688×486	688×486
Machine size(cm)	95×58×200	95×58×200
Net weight	340kg	382kg

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- Square-column vertical drilling machine with a versatile applications.
- With tap-automatical reversing device
- Manual lift table
- Working light
- Drilling head up and down by adjustment handle.
- Cross table used in Z5140B-1 & Z5150B-1

Z5150B-1

Z5150B

Item No.	390013	390014	390015	390016
Model	Z5140B	Z5140B-1	Z5150B	Z5150B-1
Max. drilling dia. (mm)	40	40	50	50
Spindle taper	MT4	MT4	MT5	MT5
Spindle travel (mm)	250	250	250	250
Spindle box travel by manual (mm)	200	200	200	200
Spindle speed steps	12	12	12	12
Spindle speed range (r.p.m)	31.5-1400	31.5-1400	31.5-1400	31.5-1400
Spindle feed steps	9	9	9	9
Spindle feed range (mm/r)	0.056-1.80	0.056-1.80	0.056-1.80	0.056-1.80
Table size (mm)	560x480	800x320	560x480	800x320
Longitudinal (cross) travel (mm)		450/300		450/300
Vertical travel (mm)	300	300	300	300
Max. distance between spindle and table (mm)	750	550	750	550
Main motor power (kW)	3	3	3	3
Overall size (cm)	109x90x253	130x120x253	109x90x253	130x120x253
Net Weight (kg)	1270	1370	1270	1370

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TB24 TB28 TB36

- High precision industrial column drill
- V-belt driven and high torque
- Quality servo motor
- Digital LED display speed
- Forward/Reverse switch control
- Precisely finished table surface with cross T-slot of 14mm width
- Easy tool change device
- Large sized base plate with fine finished surface
- Adjustable chuck protection
- Working light

Item No.	390101	390102	390103
Model	TB24	TB28	TB36
Drilling cap in steel	24mm	28mm	34mm
Sleeve travel	85mm	105mm	160mm
Spindle taper	MT 2	MT 3	MT 4
Spindle speeds	360-4200 min-1	120-4250min^{-1}	130-4940 min^{-1}
No.of speeds	7	16	9
Automatic drilling feed	no	no	no
Working range	165mm	200mm	285mm
Table size	280×300mm	340×360mm	400X500mm
T-solt size(table)	14mm	14mm	14mm
Column diameter	80mm	92mm	115mm
Distance spindle to table max.	515mm	858mm	790mm
Distance spindle to foot max.	681mm	1270mm	1270mm
Motor power	400V/50HZ/3PH 750W	400V/50Hz/3PH 850W	400V/50Hz/3PH 1.5/2.2kW
Total height	1170mm	1750mm	1930mm
Packing size	83×43×132cm	101×65×192cm	110×67×210cm
Weight	150kg	200kg	300kg

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TB24V TB28V TB36V

- High precision industrial column drill
- V-belt driven and high torque
- Quality servo motor
- Digital LED display speed
- Forward/Reverse switch control
- Precisely finished table surface with cross T-slot of 14mm width
- Easy tool change device
- Large sized base plate with fine finished surface
- Adjustable chuck protection
- Working light
- Coolant system for TB28V,TB36V
- With stepless speed regulation by frequency converter

Item No.	390104	390105	390106
Model	TB24V	TB28V	TB36V
Drilling cap in steel	24	28mm	34mm
Sleeve travel	85	105mm	160mm
Spindle taper	MT 2	MT 3	MT 4
Spindle speeds	40-5950 min^{-1}	35-6100 min^{-1}	40-6500 min^{-1}
No.of speeds	stepless	stepless	stepless
Automatic drilling feed	no	no	no
Working range	165mm	200mm	285mm
Table size	280×300mm	340×360mm	400X500mm
T-solt size(table)	14mm	14mm	14mm
Column diameter	80mm	92mm	115mm
Distance spindle to table max.	495mm	765mm	790mm
Distance spindle to foot max.	681mm	1200mm	1270mm
Motor power	230V/50HZ/1PH 1.5kW	230V/50HZ/1PH 1.5kW	230V/50HZ/1PH 2.2kW
Total height	1170mm	1750mm	1930mm
Packing size	83×43×132cm	101×65×192cm	110×67×210mm
Weight	155kg	220kg	315kg

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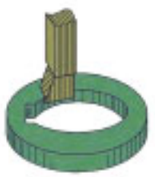
SLOTTING MACHINE

- For matching the key groove and spline joint during single and small batch production, especially suitable for matching the key groove in blind hole.
- The assembling of the workpiece is not limited by the column, it is flexible for matching the key groove in large parts.

B5012

Item No.	376601
Model	B5012
Max. clamping workpiece dia. for the worktable	420 mm
Max. clamping workpiece height for the worktable	120 mm
Longitudinal travel for the worktable	120 mm
Work table size	200×400 mm
Cross travel for the worktable	240 mm
The max. travel for the cutter arbor	120 mm
Motor power	1.1 kW
N.W./G. W.	196/220 kg
Packing size	100×65×100 cm



Workpieces show

- Heavy duty cast iron construction
- Swivel head tilts left and right 90°
- 0-125mm machining stroke range
- Strokes per minute 60-350 (6 ranges)

B5013

Item No.	376602
Model	B5013
Maximum Stroke	125mm
Ram stroke (strokes/min)	30-350(6 steps)
Work table size	600×240mm
Work table longitudinal travel	130mm
Work table cross travel	340mm
T-slot	14mm
Head swivel(Right & Left)	90
Motor power	0.25kW
Packing size	109×112×79cm
N.W./G.W.	330/380kg

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MINI MILLING MACHINE

- Special accessories such as X-Y table and spindle etc. can effect a wide range of machine operations including recessing,surface milling end milling, circular grooving, slant surface drilling, grooving with index
- Variable speed

Item No.	389210
Model	TX-20
Max.drilling dia.	20mm
Table size	700×180mm
Distance between main spindle and column	170mm
Table travel of X-axis	280mm
Table travel of Y-axis	175mm
Head travel	380mm
Spindle speed(stepless)	50-2250rpm
Main spindle end taper	MT2
Motor power	0.6kW
Packing size	138×72×105cm
N.W./G.W.	105/135kg

TX-20

ROCK DRILLING & MILLING MACHINE

DM-20

- Easy for operating
- Featured in cross work table and box table
- Double lock of column

Item No.	389209
Model	DM-20
Max.drilling capacity	20mm
End milling	16mm
Face milling	63mm
Spindle taper	MT3/R8
Spindle stroke	90mm
Spindle speed	210,380,710,1200,2000rpm
Max.track	500mm
Radial rise-fall strode	370mm
Motor power	750W
Packing size	68×58×138cm
N.W./G.W.	354/400kg

Standard Accessories:

- Draw bar
- Drill chuck 1-13mm
- Drill chuck arbors MT3/B16

Optional Accessories:

- Vice
- Coolant pump
- Milling chuck set
- Halogen lamp
- End mill cutter(10, 12, 16)

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- Rotary milling head
- Table swivel ±45°
- Z5325 assembled belt drive milling head
- Z5325C assembled gear drive milling head

ZX50C

ZX5325

ZX5325C

Item No.	389207	383012	383013
Model	ZX50C	ZX5325	ZX5325C
Max. drilling dia.	50mm	50mm	50mm
Max. horizontal milling dia.	100mm	100mm	100mm
Max. vertical milling dia.	32mm	32mm	32mm
Max. boring dia.	100mm	100mm	100mm
Max. tapping dia.		M16	M16
Spindle taper	MT4,R8	Standard: MT4 Optional: ISO30,ISO40,R8	
Spindle speed range	(8step)115~1750rpm	270-2400rpm	115-1750rpm
Spindle travel	120mm	125mm	125mm
Table size	800×240mm	260×1000mm	260×1000mm
Table travel	400×230×380mm	450×280×380mm	450×280×380mm
Main motor power	0.85/1.5kW	1.5kW	0.85/1.5kW
Drive	Gear	Belt	Gear
Packing size	114×114×180cm	114×145×210cm	114×114×222cm
N.W./G.W.	450/500kg	850/1050kg	870/1070kg

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ZX7550CW

ZX6350C

- Power feed on Y,Z axis supplied at extra cost
- DRO supplied at extra cost
- Power feed on X,Y,Z axis supplied at extra cost for ZX7550C

Item No.	383001	383002	383004
Model	ZX7550C	ZX7550CW	ZX6350C
Max.drilling dia.	50mm	50mm	50mm
Max.end milling dia.	100mm	100mm	100mm
Max.vertical milling dia.	25mm	25mm	25mm
Max.tapping dia.	M16	M16	M16
Distance from spindle nose to table surface	70-420mm	70-420mm	90-400mm
Spindle speed range	110-1760rpm	110-1760(V)/38-1335(H)	110-1760(V)/38-1310(H)
Spindle travel	120mm	120mm	120mm
Table size	800×240mm	800×240mm	1120×280mm
Table travel	400×230mm	400×230mm	600×230mm
Motor power	0.85/1.5kW	0.85/1.5kW(V),2.2kW(H)	0.85/1.5kW(V),2.2kW(H)
Packing size	114×110×222cm	114×122×222cm	160×140×222cm
N.W./G.W.	630/800kg	850/1050kg	1120/1300kg

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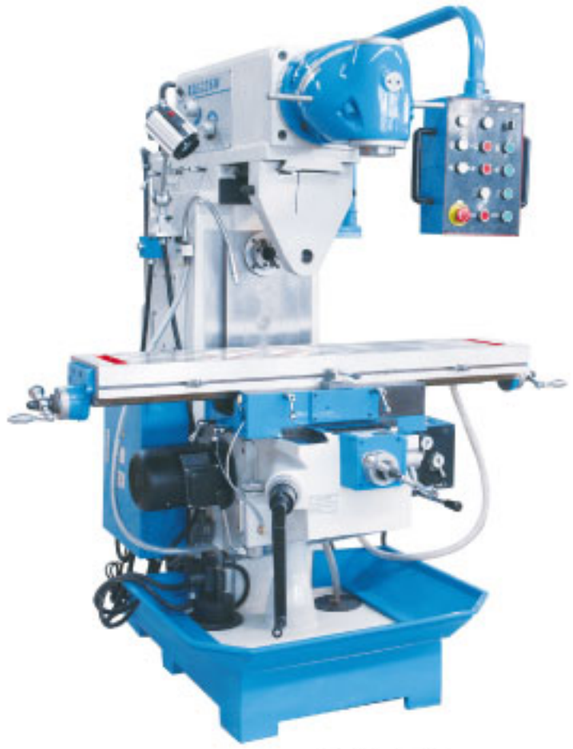

XQ6226W

- Hardened guideway
- ISO40 standard spindle
- Manual lubricate system
- X、Y axis auto feeding (standard), Z optional
- Mill cutter swivel ±360° with high performance

XQ6226A

XQ6226B

- Hardened and fine grinding table surface
- XQ6226B automatic feeds on X、Y axis and motorized lifting table on Z axis

Item No.	383106	383105	383108
Model	XQ6226A	XQ6226B	XQ6226W
Max.horizontal milling dia.	125mm	125mm	125mm
Max.vertical milling dia.	25mm	25mm	28mm
Distance from spindle nose to table surface	80-500mm	80-500mm	80-560mm
Spindle speed range (Vertical)	40-1600rpm	40-1600rpm	40-1600rpm
Spindle speed range (Horizontal)	-	40-1300rpm	40-1300rpm
Swive angle of swivel head	±360°	±360°	±360°
Table size	1120×260mm	1120×260mm	1270×260mm
Table travel	600×270mm	600×270mm	750×300mm
Motor power	2.2kW	2.2kW	3kW(H), 3kW(V)
Packing size	145×165×210cm	145×165×210cm	150×167×210cm
N.W./G.W.	1500/1700kg	1550/1750kg	1650/1800kg

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LM1450

- Rigid rectangular table guide ways
- Automatic feed on X,Y axis
- Hardened and fine grinding table surface
- Motorized lift on z axis

LM1450A

- Table swivel ±45°
- Power feed on three axis
- Three axis hardened
- Milling head swivel ±360°

Item No.	383110	383011
Model	LM1450	LM1450A
Spindle taper	ISO40(V), ISO40(H)	ISO50(V), ISO50(H)
Max.end milling	125mm(V) 100mm(H)	200mm(V) 160mm(H)
Swivel angle milling head	±360°	±360°
Range spindle speed	35-1600rpm(V)	60-1800rpm(V)
	40-1300rpm(H)	60-1700rpm(H)
Distance from spindle to table	150-600mm	150-550mm
Table size	1250×360mm	1630×360mm
Table travel(X Y Z)	1000×300×390mm	1000×320×405mm
T-slot(number-width-distance)	3/18/80mm	3/18/80mm
Main motor power	3kW(V),3kW(H)	4kW(V),4kW(H)
Packing size	167×167×225cm	200×200×225cm
N.W./G.W.	2600/2800kg	2650/2850kg

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- Automatic feeds on X,Y axis
- Motorized lifting on Z axis
- Milling head swivels ±45° in front/back and ±90° in left/right
- Manual lubricate system
- X6332WA table swivel ±45°

X6332WA

X6325W

Item No.		383119	383118
Model		X6332WA	X6325W
Spindle taper		ISO40	NT30, R8
Spindle travel		127mm	127mm
Range spindle speed	Vertical	80-5440rpm	80-5440rpm
	Horizontal	40-1300rpm	40-1300rpm
Distance from spindle to table		100-500mm	100-490mm
Distance from spindle to column		100-560mm	100-560mm
Table size		1250×320mm	1270×260mm
Table travel		600×340mm	700×280mm
Main motor power		2.2kW(V) 3.0kW(H)	2.2kW
Packing size		152×163×220cm	150×167×210cm
N.W./G.W.		1550/1700kg	1600/1750kg

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VERTICAL AND HORIZONTAL TURRET MILLING MACHINE

- Taiwan high speed milling head
- Automatic feeds in X,Y,Z axis
- Hardened square guide ways
- Manual lubricate system
- X6336WA table swivel ±45°
- Spindle speed at 70-7200rpm(V)

X6336

X6336WA

Item No.		383120	383010
Model		X6336	X6336WA
Spindle taper		ISO40(V) ISO50(H)	ISO40(V) ISO50(H)
Spindle travel		127mm	127mm
Range spindle speed	Vertical	70-7200rpm	70-7200rpm
	Horizontal	60-1800rpm	60-1800rpm
Distance from spindle to table		135-485mm(V)/0-350mm(H)	135-485mm(V)/0-350mm(H)
Distance from spindle to column		150-750mm	150-750mm
Table size		1250×360mm	1630×360mm
Table travel		1000×300×350mm	1000×320×405mm
Main motor power		3.7kW(V) 4.0kW(H)	3.7/2kW(V) 4.0kW(H)
Packing size		190×200×225cm	200×200×225cm
N.W./G.W.		2500/2750kg	2650/2850kg

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BS-912GDR

3 speeds by gear box cotrol

BS-912B

Item No.		388010	388011	388012	388113
Model		BS-912B	BS-912G	BS-912GR	BS-912GDR
Capacity	Circular @90°	229mm(9")	229mm(9")	229mm(9")	229mm(9")
	Rectangular @90°	178×305mm(7"×12")	178×305mm(7"×12")	178×305mm(7"×12")	178×305mm(7"×12")
	Circular @45°	150mm(6")	150mm(6")	150mm(6")	150mm(6")
	Rectangular @45°	127×150mm(5"×6")	127×150mm(5"×6")	127×150mm(5"×6")	127×150mm(5"×6")
Blade speed	@60Hz	32,60,88,115MPM	38,78,115MPM	38,78,115MPM	38,78,115MPM
	@50Hz	26,50,73,95MPM	31,65,95MPM	31,65,95MPM	31,65,95MPM
Blade size		27×0.9×2655mm	27×0.9×2655mm	27×0.9×2655mm	27×0.9×2655mm
Motor power		1.1kW 1.5HP(3PH),1.1kW 1.5HP(1PH)			
Drive		V-belt	Gear	Gear	Gear
Packing size		154×59×115cm	158×62×115cm	160×60×115cm	147×74×137cm
N.W./G.W.		230/260kg	220/250kg	220/260kg	230/280kg

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BS-916V

- BS 916V is infinitely adjustable blade speed through PIV transmission
- Featured in variable speed

BS-916VR

- BS 916VR is infinitely adjustable blade speed through PIV transmission
- Featured in variable speed
- Special for swivelling arm

Item No.		388121	388014
Model		BS-916VR	BS-916V
Capacity	Circular @90°	229mm(9")	229mm(9")
	Rectangular @90°	127×405mm(5"×16")	127×405mm(5"×16")
	Circular @45°	150mm(6")	150mm(6")
	Rectangular @45°	150×190mm(6"×7.5")	150×190mm(6"×7.5")
Blade speed	@60Hz	22-122MPM 95-402FPM	22-122MPM 95-402FPM
	@50Hz	18-102MPM 78-335FPM	18-102MPM 78-335FPM
Blade size		27×0.9×3215mm	27×0.9×3035mm
Motor power		1.5kW 2HP(3PH)	
Drive		V-belt	V-belt
Packing size		188×78×136cm	180×77×114cm
N.W./G.W.		320/380kg	300/360kg

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CTK6416

- Linear guide running accuracy, high precision
- High efficiency with parallel tools device structure
- Body and base are designed in integral structure, steady performance & high reliability
- It's perfect for chips cleaning with 45 degree oblique structure, easy operation and save space

Item No.	383211
Model	CTK6416
Max. sawing over bed	300mm
Max. sawing over table	150mm
X axis travel	300mm
Y axis travel	300mm
X/Max. rapid feed	12m/min
Z/Max. rapid feed	12m/min
Max. spindle speed	3000rpm
Spindle taper	MT5
Motor power	2.2kW
Min move unit	0.001mm
CNC system	Mitsubishi, Fanuc,etc.(Optional)
Digital AC servo	380V 50Hz
Motor power	5.5kW
Packing size	1900×1300×1500mm
N.W./G.W.	1800/2030 kg

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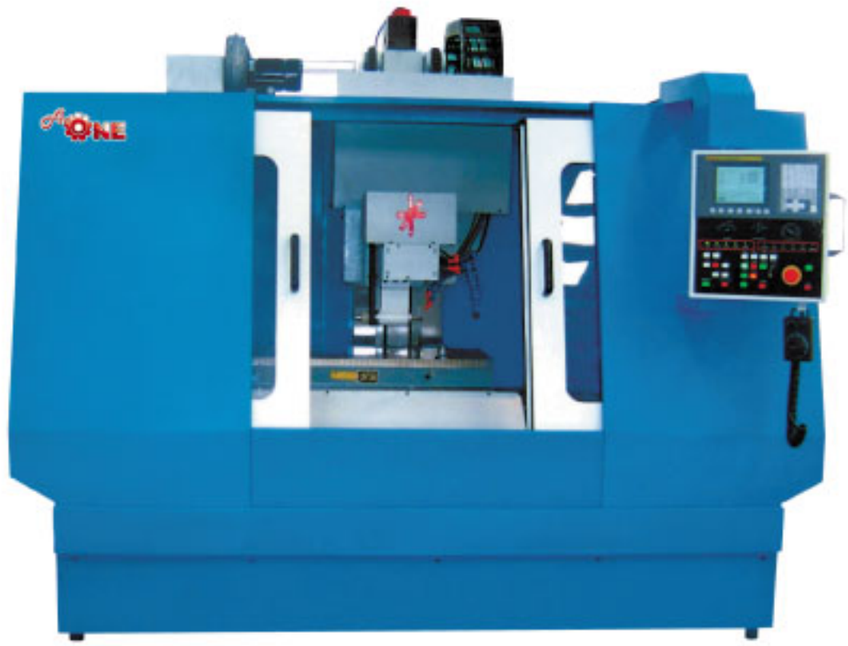

CNC100/120

- Optimum design, stable performance, simplify operation
- Widely used in optoelectronics & photovoltaic industry, grooving on the quartz
- Patented structure - Unique spindle figure, ensure stable accuracy of high speed running.
- Special outboard collection system, with perfect effect on clearing the working environment

Item No.	383213	383214
Model	CNC100	CNC120
Table size(LxW)	1000x500mm	1200x600
Cutting disc diameter	100-180mm	100-180mm
T-SLOT	5-18x100mm	5-18x125mm
Spindle speed	200-4500rpm	200-4500rpm
Spindle motor power	2.2kW	2.2/3.0kW
X axis travel	800/1020mm	800/1020mm
Y axis travel	460mm	600mm
Z axis travel	500mm	500mm
X/Y/Z axis high traverse	18000mm/min	18000mm/min
X/Y axis feed speed	1-3200mm/min	1-3200mm/min
Z axis feed speed	1-2000mm/min	1-2000mm/min
Positioning accuracy	±0.015mm	±0.015mm
Repositioning accuracy	±0.005mm	±0.005mm
CNC system	Mitsubishi,Fanuc,etc.(Optional)	Mitsubishi,Fanuc,etc.(Optional)
Overall dimensions	2500×2300×2700mm	3000×2500×2700mm
N.W./G.W.	4300/4500kg	5350/5600kg

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VMC8046

- Optimum design, stable performance
- Resin sand technique casting body
- Rolling guideways design on X.Y axis,
- Rectangular sliding hardened guideways on Z axis
- High-quality linear guideways ensure maximum accuracy

Item No.	383215
Model	VMC8046
Table size(L×W)	1000×550mm
Max. table load	800kg
Spindle taper	BT40
Spindle speed	200-8000rpm
Spindle motor power	5.5/7.5kW
X axis travel	800mm, 1050mm(Optional)
Y axis travel	440mm
Z axis travel	500mm
X/Y/Z axis rapid feed speed	12000mm/min
X/Y axis feed speed	1-3200mm/min
Z axis feed speed	1-2000mm/min
Positioning accuracy	±0.015mm
Repositioning accuracy	±0.005mm
CNC system	Mitsubishi, Fanuc,Siemens etc.(Optional)
Tools No.	16
Overall dimensions	2500×2300×2700mm
N.W./G.W.	4500/4800kg

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VMC10562

- Wide machine bed and heavy duty column ensure rigidity and stability.
- All 3 axes are equipped with roller-type linear guideways, enlarge load capacity, rigidity and damping capacity, also ensure machine driven precision and stability.
- Floating cushion back cutter structure for protecting the bearings
- Oil separation structure prevent coolant from damage
- With 24-station tool changer, fast tool changes and high efficiency

Item No.	383216
Model	VMC10562
Table size(L×W)	1000×550mm
Max. table load	800kg
Spindle taper	BT40
Spindle speed	500-8000rpm
Spindle motor power	11kW(15HP)
X axis travel	1050mm
Y axis travel	620mm
Z axis travel	610mm
X/Y/Z axis rapid feed speed	24000mm/min
X/Y axis feed speed	6-3200mm/min
Z axis feed speed	1-8000mm/min
Positioning accuracy	±0.015/300mm
Repositioning accuracy	±0.003mm
CNC system	Mitsubishi, Fanuc,Siemens etc.(Optional)
Tools No.	24
Overall dimensions	2800×2800×2850mm
N.W./G.W.	8000/8400kg

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- Roller type vertical and horizontal guide ways
- Four-axis simultaneous motion can process complex surfaces and meet the production requirments of high-end product.
- Double pitch worm and gear can control the rotation of operation planform to reach the linkage precision.
- Assembled a 40-tool-chain automatically changing system. The replacement times is 13 seconds.

TH-800

Item No.	383217
Model	TH-800
Table size	800×800mm
X axis travel	1200mm
Y axis travel	120mm
Z axis travel	1000mm
Spindle taper	BT50
Spindle speed	12000rpm
Spindle motor power	5.5/7.5kW
X/Y/Z axis feed speed	1-5000mm/min
X/Z axis high traverse	12000mm/min
Y axis high traverse	10000mm/min
X/Y/Z axis positioning accuracy	0.01mm
X/Y/Z axis Repositioning accuracy	0.005mm
B axis rotary degree	360°
Tool magazine	Chain 40T knife library
System	Mitsubishi E60, Fanuc, etc
Overall dimensions	6000×5800×3500mm
G.W/N.W	16500kg

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- Four axis controlled CNC boring and milling machine can process step, Arc and curved surface.
- With the function of boring, milling ,drilling, tapping, TXK68 is a perfect equipment to process medium and small tank.
- Hardened rectangular guideways ensure consistent work accuracy
- Work table with double guides. Worm and gear with dividing design
- Workpiece one time installed can precisely process multi-surface and multi-operation

TXK68

Item No.	383218
Model	TXK68
Table size (L×W)	820×720mm
X axis travel	800mm
Y axis travel	550m
Z axis travel	1000mm
Spindle speed	25-760rpm(9 speed)
Spindle taper	MT5 or BT50
Spindle motor power	5.5kW
Positioning accuracy	±0.015mm
Repositioning accuracy	±0.005mm
X/Y/Z axis high traverse	12000mm/min
X/Y axis feed speed	1-2500mm/min
Z axis feed speed	1-2000mm/min
System	Mitsubishi E60 M64AS Fanuc, etc.
Overall dimensions	3450×2100×2880mm
N.W./G.W.	6000/6400kg

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- Column fixed CNC boring and milling machine, which can process drilling, reaming, tapping, milling, boring ect.
- Large size working table and transverse long travel design, is perfect equipment to process medium and small tank.
- Heavy loaded linear guideways on X.Y axis, rectangular hardened guideways on Z axis, ensure maximum accuracy and high quality load capacity.
- With 4th axis(B), process 360° division, can process space curves and different positions working.

TXK160/160B

Item No.	383219	383220
Model	TXK160	TXK160B(With rotary work table)
Table size (L×W)	1300×600mm	1300×600mm
X axis travel	1050mm, 1500mm(Optional)	1050mm, 1500mm(Optional)
Y axis travel	800mm	800mm
Z axis travel	500mm	500mm
Spindle speed	Max. 3000rpm	Max. 3000rpm
Spindle taper	BT50	BT50
Spindle motor power	5.5/7.5kW	5.5/7.5kW
Positioning accuracy	±0.015mm	±0.015mm
Repositioning accuracy	±0.005mm	±0.005mm
X/Y/Z axis high traverse	18000mm/min	18000mm/min
X/Y axis feed speed	1-3000mm/min	1-3000mm/min
Z axis feed speed	1-3000mm/min	1-3000mm/min
System	Mitsubishi E60 M64AS Fanuc,etc.	Mitsubishi E60 M64AS Fanuc,etc.
Overall dimensions	2650×3000×2500mm	2650×3000×2500mm
N.W./G.W.	6800/7200kg	7000/7400kg

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GNC BORING AND MILLING MACHINE

- Owing to the fixed-column horizontal type, it features high precision and high efficiency. It can realize X/Y/Z simultaneous motion, finishes drilling, milling and so on.
- The X/Y/Z axes use an overloading linear guide way and servo control. They have the advantages of strong bearing capacity, quick movement speed, accurate positioning and sound dynamic performance.
- The basic parts of our CNC boring and milling machine use a high-rigidity and symmetrical box structure like HT300 casting, which is of sound anti-seismic performance and high stability.
- Optional equipped with a B-axis of the fourth one, automatically conduct the equally divided positioning, and process complex parts at different directions and angles.
- Optonal deployed the tool magazine and complete the various combined processing for complex parts.

TXK160D

Item No.		383221
Model		TXK160D
Table size		1300×600mm
X /Y/Z axis travel		1050mm / 1600mm / 500mm
Spindle taper		BT50
Spindle speed		3000rpm
Spindle motor power		5.5/7.5kW
X/Y/Z axis feed speed		1-3000mm/min
X/Y/Z axis high traverse		18000mm/min
X/Y/Z axis positioning accuracy		±0.015mm
Fourth rotary axis (OPTIONAL)	Table size	600×500mm
	Max. rotary speed	11.1rpm
	Min. division unit	0.001°
	Segmentation accuracy	15"sec.
	Repositioning accuracy	5"sec.
System		Mitsubishi E60、M64AS Fanuc, etc
Installed gross capacity		20 KVA
Overall dimensions		2650×3000×2500mm
G.W/N.W		6800kg

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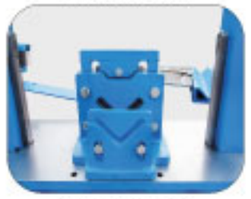
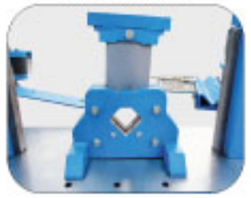
Shear strip steel



Shear angle iron



Shear pipe

Punch

Bend pipe

Bending dies

M42

- Multiple functions with shearing, punching&bending
- Hydraulic system with two travel oil cylinder
- Multi molds for different users in box and spare parts stand for convenience
- Easy operation for sheet-metal working

Item No.	381003
Model	M42
Press	42ton,6"industrial cylinder
Brake	20"in width. Gauge to 3/4" material
Shear	3/8x12" or 1/2"x8"
Punch	1" hole in 3/8" or 3/4" hole in 1/2"
Work Chamber	20 1/2" wide x 17" high with 3" bed cavity
Pipe notcher	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Pipe bender	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Square tube shear	up to 2" square, 3/16" wall
Square tube bender	2" x 2" x 3/16"
Angle iron shear	3"x 3" x 1/4"
packing size	121x100x235cm
Weight	1100lb / 500kg

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Function shift switch
BEND/SHEAR/ROLL

E3-IN-1/2040

- Combination of shear, brake & roll with high strong structure
- For rolling, the processing for the taper rolling is very easy
- For shearing & bending, both can achieve single stroke and continuous stroke
- The back gauge adopt data control system, the adjustment is quickly and exactly

Top roller fast release device

Roll bending function shift handle

Back gauge hand wheel for shear

Roller bending workpieces show

Item No.	381001	381002
Model	E3-IN-1/1320	E3-IN-1/2040
Max. shearing thickness(mm)	3.0	3.0
Max. shearing width(mm)	1320	2040
Shearing angle	2.0	2.0
Number of stroke(per min)	30	30
Back-gauge range(mm)	450	450
Height of worktable(mm)	760	760
Max.bending thickness(mm)	2.0	2.0
Max.bending width(mm)	1320	2040
Max.rolling thickness(mm)	2.5	2.5
Max.rolling width(mm)	1500	2100
Min.rolling dia.(mm)	90	120
Mortor power	3.0	4.0
Packing size(cm)	254×145×197	326×145×197
N.W./G.W.(kg)	2300/2800	3500/3800

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Standard dies

MINI SHEAR BRAKE 8"

- Item No. 371010
- Bend and shear with one compact tool, perfect for countless applications
- Double-featured miniature machine will save you hours of tedious sheet metal fabrication and finishing
- Use on copper and brass 1mm, aluminum 1.2mm(18gauge)
- Blade length: 200mm(8")
- Mounting base: 230×125mm
- Max.bending angle: 90°
- Packing size: 50×32×11cm
- Weight: 13kg

3-IN-1/305

- Ideal combination machine for sheet metal machining to a length of 305mm and a thickness of 1.0 mm cutting stop
- Roll bending starting with diameter of 39mm
- Folding with a max. angle of 90 °
- Adjustable rear stop

Item No.	371000	371001	371002	371003
Model	3-IN-1/200	3-IN-1/305	3-IN-1/610	3-IN-1/760
Bed width(mm)	200	305	610	760
Max.shearing thickness(mm)	1.0	1.0	1.0	1.0
Max.bending thickness(mm)	1.0	1.0	1.0	1.0
Max. bending angle	90°	90°	90°	90°
Max. rolling thickness(mm)	1.0	1.0	1.0	1.0
Min. rolling dia.(mm)	29	39	39	39
Packing size(cm)	54×24×28	49×33×42	84×41×66	100×41×66
N.W./G.W.(kg)	19/20	43/45	112/123	136/153

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3-IN-1 COMBINATION OF SHEAR, BRAKE & ROLL MACHINE

3-IN-1/1016

- Removable male dies with female dies
- Back gauge standard equipment
- With two position handles
- Shearing mild steel or equipment
- Press brake-bends box and pan works
- Sectional fingers allow box and pan works
- Slip roll provided with forming grooves

3-IN-1/1067x1.5

- Heavy-duty type
- Back gauge standard equipment
- With two position handles
- Combination shear, brake and roll in one compact machine, capacity up to 1.5mm

Item No.	371004	371005	371006	371007	371008
Model	3-IN-1/1016	3-IN-1/1067	3-IN-1/1320	3-IN-1/1067×1.5	3-IN-1/1320×1.5
Bed width(mm)	1016	1067	1320	1067	1320
Max.shearing thickness(mm)	1.0	1.0	1.0	1.5	1.5
Max.bending thickness(mm)	1.0	1.0	1.0	1.5	1.5
Max. bending angle	90°	90°	90°	90°	90°
Max. rolling thickness(mm)	1.0	1.0	1.0	1.5	1.5
Min. rolling dia.(mm)	40	42	50	60	60
Packing size(cm)	135×45×72	139×54×78	168×54×78	150×59×93	179×59×93
N.W./G.W.(kg)	195/212	276/297	349/377	390/440	470/530

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MMS-2

MMS-3

MMS-4

MMS-1

QSM-3

- It is used for shearing and processing sheet metals, can achieve shear beeline, shear curve,shear round, work piece and so on
- Max. shearing thickness: 3.0mm
- Max. shearing width: 1000mm
- Max. shearing radius: 40-240mm
- Motor power: 1.1kW
- Rotation: 1400rpm

Item No.	372503	372501	372502	372504	376207
Model	MMS-1	MMS-2	MMS-3	MMS-4	QSM-3
Max. shearing thickness(mm)	1.5	2.0	3.0	2.0	3.0
Max. shearing width(mm)	-	-	-	70mm	1000
Max. shearing radius(mm)	-	-	-	-	40-240
Packing size(cm)	40×15×16	19×18×24	32×24×34	26×19×40	175×77×128
N.W./G.W.(kg)	2/2.5	9/10	21/22	7/8	460/510

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- Rigid versatile cutter for sheet metal, flat steel and round/square/angular steel bars and T-beam steel
- Rigid height-adjustable hold-down

PBS-8

PBS-7

PBS-9

- Double functions for cutting & punching
- Rigid cutter for sheet metals, flat steel and round/square/angular steel
- Round deep-hole, square or similar stamps
- A good choice for sheet-metal users

- Capacity for punching

Item No.	372304
Model	PBS-9
Max.punching capacity(mm)	8.0
Throat depth(mm)	160
Punch mold&die(mm)	55×34×18

Item No.		372301	372302	372304
Model		PBS-8	PBS-7	PBS-9
Capacity (mm) (mild steel)	Round steel	16	22	22
	Square steel	16	20	20
	Flat steel	100×10	90×14	90×14
	Angle steel	40×6	60×7	60×7
	T-steel	40×6	60×7	60×7
	Plate steel	8	10	10
Body packing size(cm)		66×28×61	97×36×67	110×36×92
Handle packing size(cm)		120×16×12	120×16×12	120×16×12
N.W./G.W.(kg)		45/52	96/111	130/158

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- With both front & back gauge
- With heavier weight, good stability.
- High carbon and chrome steel blade
- A fully casting structure, not easy deformation.
- Used for mild steel, aluminium copper, brass zinc plastic and leads

Q01-1.5x1320

Q01-1.5x1320A

- A fully welded steel structure, high strength.
- Strong cutting capability, reduction of labor intensity.
- Foot pedal can extend and shorten freely.
- The height of foot pedal is low, easy operation.
- Used for mild steel, aluminium copper, brass zinc plastic and leads
- High carbon and chrome steel blade

Back gauge as standard accessories

Optional: back nest protection

Item No.	372001	372002	372005	372011	372009
Model	Q01-1.0×1000	Q01-1.5×1320	Q01-2×1000	Q01-2×1000A	Q01-1.5×1320A
Width (mm)	1000	1320	1000	1000	1320
Max. shearing thickness (mm)	1.0	1.5	2.0	2.0	1.5
Back gauge range (mm)	0-700	0-700	0-700	0-800	0-800
Packing size (cm)	140×76×115	168×76×115	140×76×115	140×76×115	168×76×115
N.W./G.W.(kg)	365/410	491/545	405/450	355/400	430/500

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- Foot control
- High carbon and chrome steel blade
- Used for mild steel, aluminium, copper, brass zinc, plastic and leads
- Deliveried with working light

Back gauge as standard accessories

Optional: back nest protection

BQF01-1.0X1050

EBQ01-1.25X650

Optional stand is available

Standard equipment
- Cutting line lighting
- Front angle stop
- Foot pedal switch
- Adjustable backstop with mm scale

Item No.	372021	372022	372023	372024
Model	BQF01-1.25×650	BQF01-1.0×1050	EBQ01-1.25×650	EBQ01-1.0×1050
Width (mm)	650	1050	650	1050
Max. shearing thickness (mm)	1.25	1.0	1.25	1.0
Back gauge range (mm)	0-500	0-500	0-500	0-500
Motor (kW)	—	—	0.75	0.75
Packing size (cm)	92×80×113	132×80×113	105×65×63	140×65×65
N.W./G.W.(kg)	155/230	175/250	185/250	238/285

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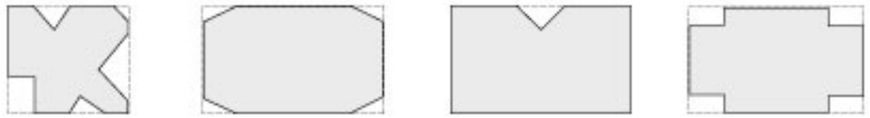
Angle cutting samples



FN1.5x80 with Foot Pedal

HN-4 with stand (Optional)

Item No.	372402	372405
Model	HN-4	FN1.5×80
Thickness(mm)	1.5	1.5
Punches(mm)	152×152	80x80
90° Angle(mm)	152×152	80x80
Ram stroke(mm)	20	25
Packing size(cm)	58×53×52	46x38x116
N.W./G.W.(kg)	75/85	75/92

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HN-3/102

HN-3

Item No.	372403	372401
Model	HN-3/102	HN-3
Thickness(mm)	3	1.5
Punches(mm)	100×100	125×125
90° Angle(mm)	100×100	125×125
Ram stroke(mm)	30	25
Packing size(cm)	46×45×76	43×37×44
N.W./G.W.(kg)	90/105	22/30

- Best for cutting metal plate, rod steel, flat steel
- Durable steel frame cutter includes hardened high carbon steel blade
- Bolt to bench or table top.
- Blade can be easily replaced

MS-20/24/28/32

Item No.		372201	372202	372203	372204
Model		MS-20	MS-24	MS-28	MS-32
Capacity(mm) (mild steel)	Round steel	20	24	28	32
	Flat steel	30×8	35×12	40×12	40×14
	Square steel	18×18	20×20	24×24	28×28
Packing size(cm)		41×37×20	41×37×20	45×24×45	46×25×45
N.W./G.W.(kg)		16/17	25/27	34/39	46/52

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HS-5/6

HSG-8

- Level arm with compensating spring
- Easy cutting across the entire length
- Rigid cutter body

HS-8/10/12

Item No.		372101	372102	372103	372104	372105	372303
Model		HS-5	HS-6	HS-8	HS-10	HS-12	HSG-8
Blade length		5"	6"	8"	10"	12"	8"
Capacity(mm)	Sheet steel	6.0	6.0	6.0	6.0	6.0	6.0
	Flat steel	70×6	70×6	70×6	70×6	70×6	70×6
	Round steel	11	11	13	13	13	13
Packing size(cm)		33×16×33	33×16×33	50×16×45	74×15×44	74×15×44	50×16×45
N.W./G.W.(kg)		9/10	11/13	17/19	21/23	26/28	19/20

HS-800

- Hand control and simple operation
- Specifically used for thin plates
- Suitable for metal plate and plastic plate
- Maximum shearing thickness is 1.5mm

Item No.	372107	372108	372109	372110
Model	HS-500	HS-800	HS-1000	HS-1300
Bed width (mm)	500	800	1000	1300
Max.shearing thickness(mm)	1.5	1.5	1.5	1.5
Packing size(cm)	77×27×42	112×28×54	138×28×54	170×28×54
N.W./G.W.(kg)	37/40	41/55	52/70	70/92

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- Hand control
- Deliveried with working light
- Used for mild steel, aluminium copper, brass zinc plastic and leads
- High carbon and chrome steel blade

Item No.	372006	372010
Model	BQ01-1.25×650	BQ01-1.0×1050
Width (mm)	650	1050
Max. shearing thickness (mm)	1.25	1.0
Back gauge range (mm)	0-500	0-500
Packing size (cm)	97×47×54	137×48×58
N.W./G.W.(kg)	100/144	160/220

BQ01-1.25x650

- Used for mild steel, aluminium copper, brass zinc plastic and leads
- High carbon and chrome steel blade
- Hand control

Q01-1.5x1500

Item No.	372003	372004	372007	372008
Model	Q01-1.5×1500	Q01-1.25×2000	Q01-1.5×1050	Q01-0.8×2500
Width (mm)	1500	2000	1050	2500
Max. shearing thickness (mm)	1.5	1.25	1.5	0.8
Back gauge range (mm)	0-300	0-300	0-300	0-300
Packing size (cm)	208×76×120	258×76×120	158×76×120	308×76×120
N.W./G.W.(kg)	445/515	511/600	378/438	595/745

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- Fast clamping device
- Back gauge standard accessories, easy adjusted by handwheel
- Counter-balance hammer equipped (spring in GS1000)

GS-1000

GS-1000I

KHS-1000/1250

TSC1010/1.6

Item No.	373177	373178	373179	373180	373181
Model	GS-1000	GS-1000I	KHS-1000	KHS-1250	TSC1010/1.6
Bed width (mm)	1000	1000	1000	1250	1010
Max.shearing thickness(mm)	1.0	1.0	1.0	1.0	1.6
Construction	steel plate	cast iron	steel plate	steel plate	steel plate
Table height(mm)	800	760	750	750	760
Packing size(cm)	155×100×58	165×105×50	187×110×69	202×110×69	150×105×116
N.W./G.W.(kg)	238/295	385/445	460/510	560/670	345/440

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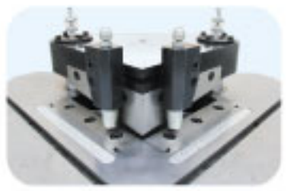
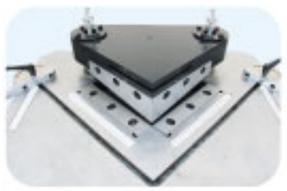
HNM-6

Steel chip slide down

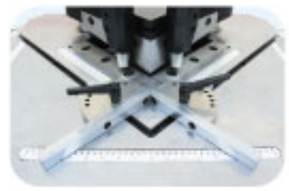
- Cuts up to 6.5mm
- 250×250 notch size
- Notching angle fixes in 90°with high notching speed
- Compact structure,small volume and convenient operation



Sheet metal compactor



Blade



Sheet metal location system

Item No.	372410
Model	HNM-6
Cutting Angle	90°
Max.Cutting Length (mm)	250
Max.Cutting Thickness (mm)	6.5
No. of stroke (per minute)	24
Size of Working Table (mm)	810x750
Motor Power (kW)	4
Motor Speed (rpm)	1440
Oil Tank Volume(L)	35
Max.Working Pressure(Mpa)	12
Packing Size (cm)	101×85×140
N.W./G.W.(kg)	630/820

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BS-1018B

- Vertical force controlled through hydraulic cylinder
- Strong structure for big capacity cutting

BS-1018R

- Vertical force controlled through hydraulic cylinder
- The bow can be swiveled between 45° and 90°

Item No.		388015	388116
Model		BS-1018B	BS-1018R
Capacity	Circular @90°	254mm(10")	254mm(10")
	Rectangular @90°	127×457mm(5"×18")	160×406mm(6.3"×16")
	Circular @45°	150mm(6")	170mm(6.7")
	Rectangular @45°	150×190mm(6"×7.5")	160×190mm(6.3"×7.5")
Blade speed	@60Hz	35,60,88,115MPM	35,60,88,115MPM
	@50Hz	29,50,73,95MPM	29,50,73,95MPM
Blade size		27×0.9×3280mm	27×0.9×3215mm
Motor power		1.5kW 2HP(3PH)	1.5kW 2HP(3PH)
Drive		V-belt	V-belt
Packing size		183×83×115cm	189×84×134cm
N.W./G.W.		310/385kg	300/360kg

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10" METAL CUTTING BAND SAW

BS-1018RH

- Belt drive, with four cutting speeds
- Workholding controlled by hydraulic clamping vice, this design is more stable for cutting
- The falling of saw arm is variable speed controlled by hydraulic cylinder.
- Quick clamping vice
- With coolant system for extending the life of blade
- Guage device
- Both manual control and auto-cutting are available.

Item No.		388117
Model		BS-1018RH
Capacity	Circular @90°	254mm (10")
	Rectangular @90°	160×406mm(6.3"×16")
	Circular @45°	170mm(6.7")
	Rectangular @45°	160x190mm(6.3"×7.5")
Blade speed	@60Hz	35,60,88,115MPM
	@50Hz	29,50,73,95MPM
Blade size		27×0.9×3215mm
Motor power		1.5 kW 2HP (3PH)
Drive		Belt
Packing size		189 × 84 × 134cm
N.W./G.W.		300/360kg

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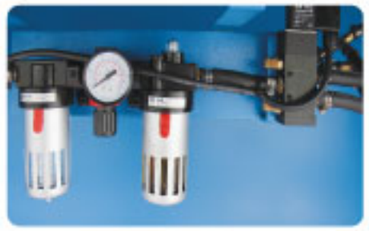
PS-1.5x1320

- Mobile 24V foot pedal switch
- Complete set of pneumatic control system
- Low cutting angle to cut narrow strips without twisting
- Precise bed and beam alignment assures working accuracy
- Front and back gauges is available to give fine adjustment
- Ideal for precision shearing of mild steel up to 1.5mm (16Ga)

Back gauge with indicator



Control unit

Pneumatic cylinder

Item No.	386030
Model	PS-1.5x1320
Max.shearing thickness	1.5mm
	16 Ga
Max.shearing width	1320mm
	52"
Back gauge	750mm
	29-1/2"
Front gauge	535mm
	21"
No. of stroke (per minute)	40
Max.air pressure(Psi)	85-100(0.6-0.7Mpa)
Air consumption per stroke(approx.)	1.4 CFM
N.W /G.W.	550/610kg
	1210/1342lb
Packing size (cm)	168×76×115

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THS-1320X4

- Mobile 24V foot pedal switch
- Front and back gauges is available to give fine adjustment
- With high chromium blades,two sides shearing provides twice the cutting life
- The steel-welded hydraulic shearing machines are ideals equipment for precision shearing of mild steel

Item No.	386230	386231	386232	386233	386234	386235
Model	THS-1320X2.5	THS-1320X4	THS-1520X4	THS-2030X4	THS-2540X4	THS-3050X4
Max.shearing thickness	2.5mm	4mm	4mm	4mm	4mm	4mm
	12Ga	8Ga	8Ga	8Ga	8Ga	8Ga
Max.shearing width	1320mm	1320mm	1520mm	2032mm	2540mm	3048mm
	52"	52"	60"	80"	100"	120"
Back gauge	650mm	650mm	650mm	650mm	650mm	650mm
	25"	25"	25"	25"	25"	25"
Front gauge	600mm	600mm	600mm	600mm	600mm	600mm
	23"	23"	23"	23"	23"	23"
No. of stroke (per minute)	20	15	15	15	13	13
Motor power	2.2kW	4kW	4kW	4kW	5.5kW	5.5kW
	3HP	5HP	5HP	5HP	7HP	7HP
N.W. /G.W.	595/660kg	1340/1430kg	1450/1550kg	1700/1810kg	2590/2720kg	2900/3050kg
	1320/1465lb	2970/3175lb	3220/3445lb	3770/4020lb	5750/6040lb	6440/6780lb
Packing size (cm)	172×83×130	202×104×160	223×104×160	273×104×160	326×113×170	377×113×170

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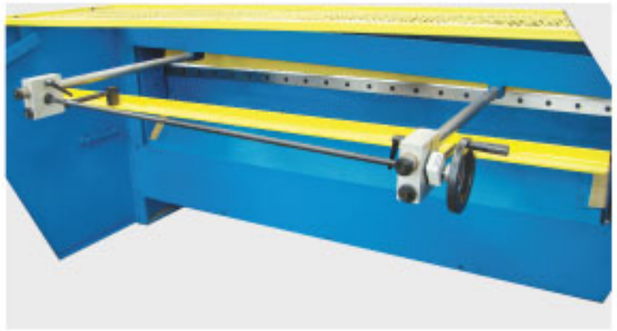
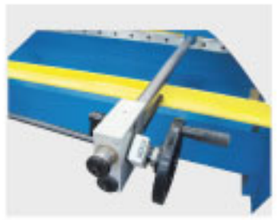


- Manual back gauge with mm-counter
- Cutting line lighting
- Mobile 24V foot switch
- Automatic rubber-coated sheet hold
- Bench angle-stop
- Electric bake gauge optional



Q11-3x2050

Item No.	386101	386102	386106	386107
Model	Q11-3×1250	Q11-3×2050	Q11-4×1250	Q11-2×2050
Max.shearing thickness(mm)	3.0	3.0	4.0	2.0
Max.shearing width(mm)	1250	2050	1250	2050
Shearing angle	2°	2°	2.4°	2°
No.of stroke (per minute)	30	30	30	30
Motor power(kW)	3	4	4	3
Back gauge(mm)	630	630	630	630
Packing size(cm)	184×103×135	266×116×147	187×116×147	266×116×147
N.W./G.W.(kg)	980/1140	1520/1740	1200/1400	1360/1580

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ELECTRIC SHEARING MACHINE

- PLC-control
- Cutting line lighting
- Mobile 24V foot switch
- Two sides shear blades
- Graphical control system with finger touch screen
- Rear guarding with interlock
- Sheet hold down devices with rolling balls
- Sheet catcher, pneumatic type
- Motorized back-gauge with manual fine adjustment

Q11-2x2550NC

Item No.	386103	386104	386105
Model	Q11-4×1300NC	Q11-2×2550NC	Q11-4×2550NC
Max.shearing thickness(mm)	4.0	2.0	4.0
Max.shearing width(mm)	1300	2550	2550
Shearing angle	2.4°	1.6°	1.8°
No.of stroke (per minute)	30	30	30
Motor power(kW)	4	4	7.5
Back gauge(mm)	630	630	630
Packing size(cm)	191×116×145	320×116×148	325×116×155
N.W./G.W.(kg)	1320/1520	1900/2150	2500/2800

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Q11-4x2000

Q11-3x1300

- Long-life of high quality blade
- Back gauge is available to give fine adjustment
- Simple construction with good appearance
- Easy to operate with lower energy consumption
- Widely used for medium and thick steel

Item No.	386001	386002	386003	386007	386008
Model	Q11-3x1300	Q11-3x1500	Q11-4x2000	Q11-4x2500	Q11-4x3200
Max.shearing thickness(mm)	3.0	3.0	4.0	4.0	4.0
Max.shearing width(mm)	1300	1500	2000	2500	3200
Shearing angle	3°	3°	2°	2°	1.3°
No.of stroke(per minute)	20	20	20	20	20
Motor power(kW)	3	3	5.5	5.5	7.5
Back gauge(mm)	350	350	500	500	600
Packing size(cm)	233x136x154	240x130x144	318x151x149	370x151x149	520x210x185
N.W./G.W.(kg)	1300/1450	1500/1650	3000/3200	3600/3850	6800/7100

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Q11-6x2000

- Long-life of high quality blade
- Back gauge is available to give fine adjustment
- Simple construction with good appearance
- Easy to operate with lower energy consumption
- Widely used for medium and thick steel

Item No.	386004	386005	386011	386006	386012	386013
Model	Q11-6X2000	Q11-6X2500	Q11-8X2000	Q11-8X2500	Q11-10X1000	Q11-10X1500
Max.shearing thickness(mm)	6.0	6.0	8.0	8.0	10.0	10.0
Max.shearing width(mm)	2000	2500	2000	2500	1000	1500
Shearing angle	2°	2°	2°	1.42°	3°	3°
No.of stroke (per minute)	20	20	20	14	26	20
Motor power(kW)	7.5	11	11	11	11	15
Back gauge(mm)	500	500	500	500	500	500
Packing size(cm)	328x170x182	378x170x182	335x175x182	390x227x244	240x175x182	290x175x182
N.W./G.W.(kg)	4100/4300	5200/5500	4500/4800	6800/7150	3500/3750	4000/4300

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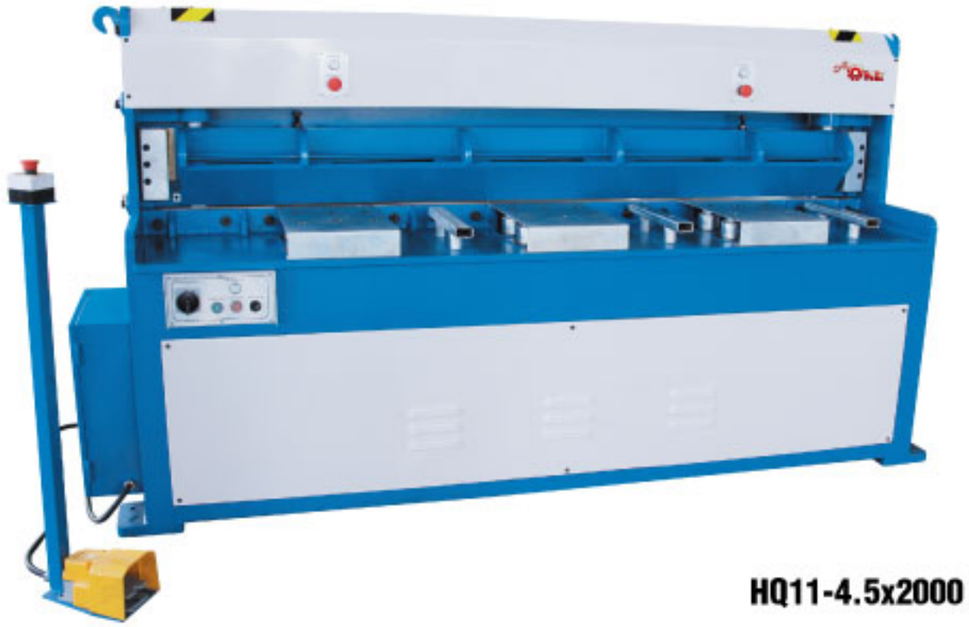
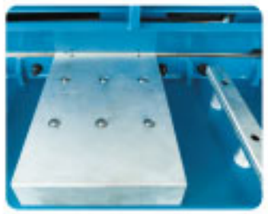


HQ11-4.5x2000



Rolling ball table

Electric back gauge

Manual back gauge

lubrication pump

- CNC back gauge system is available to give higher precision.
- The hydraulic shearing machines are ideal equipment for sheet and nonferrous sheet metal manufacture.
- Blade clearance is easily set by a manually operated "Quick set" device, the cutting angle can be adjusted.
- It adopts hydraulic driving, lowing cutting angle and shearing direction to reduce bowing and twist to a minimum value.

Item No.	386009	386010	386203
Model	HQ11-6.5×1300	HQ11-4.5×2000	HQ11-4×2500
Max.shearing thickness(mm)	6.5	4.5	4.0
Max.shearing width(mm)	1300	2000	2500
Shearing angle	2.5°	2°	1.7°
No.of stroke (per minute)	20	18	16
Motor power(kW)	5.5	7.5	7.5
Back gauge(mm)	630(electric)	630(manual)	630(manual)
Packing size(cm)	215×175×181	285×116×185	335×116×185
N.W./G.W.(kg)	2470/2670	2900/3150	3330/3630

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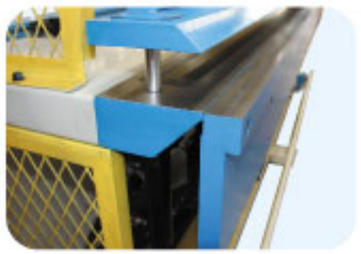
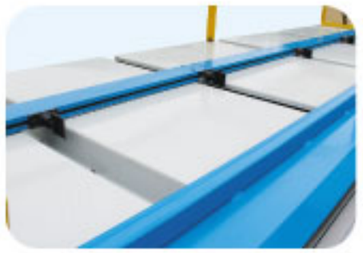
EHBK3010



Clamping bar



Back gauge controlled by the PLC

- Equipped with foot pedal switch.
- Uses electromagnetic clamping system.The sheet metal can be clamped with a magnetic force of 10tons.
- Bending is controlled by 3 pieces hydraulic cylinder, powerful and steady.
- The movement of clamping bar is contolled by 2 pieces cylinder.
- Appliced linear guide backgauge and controlled by the PLC. Make sure the feeding more efficient and precision.
- User-friendly graphical control system with finger touch screen.

Item No.		373420
Model		EHBK3010
Max.bending length (mm)		3010
Max. thickness	Mild steel (mm)	1.5
	Cold plate (mm)	1.2
Max. bending angle		135°
Packing size(cm)		375 × 115× 170
N.W./G.W.(kg)		1380/1680

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PC 2'x4'

- It could cut iron,aluminum,galvanized sheet, Ti-gold, steel and other conductive metals with high efficiency;
- Fully welded main frame;
- Industrial cable track;
- Hardened ground slideways with wipers on X and Y axis;
- High quality stepper motor on X and Y axis;
- Water assist cooling;
- With hand held control,Plasma power system & Torch;
- With USB interface can work without computer;
- Includes easy to use programming software;

ALLFID power unit

Handhold control

Plasma cutting

Item No.	386501	386502
Model	PC 2'X2'	PC 2'X4'
Cutting area (mm)	610 x 610	610 x 1220
Cutting thickness (mm)	(40A) ≤10	(40A) ≤10
	(100A) ≤26	(100A) ≤26
Cutting speed (mm/min)	0 - 6000	0 - 6000
Z-Axis feeding height (mm)	150	150
Feeding precision (per 1000mm)	±1mm	±1mm
Drive system	Lead Screw	Lead Screw
Power (kW)	6, 11	6, 11

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PC 5'x10'

- High precision guide with servo motor on X and Y axis
- Z axis with automatic height deteetion function
- Fully welded main frame will support up to 1'(25.4mm) thick mild steel
- Control console with programming
- PC 4'×4' with water pans
- PC 5'×10' with dust exhaust system can collect the draff, smoke and dust with high efficiency

①Z axis automatic height detection
②High precision guide with servo motor driven

CNC control system

Power unit (other brand optional)

Item No.	386503	386504
Model	PC 4'X4'	PC 5'X10'
Cutting area (mm)	1220 x 1220	1524 x 3048
Cutting thickness (mm)	(45A) ≤10	(45A) ≤10
	(65A) ≤12	(65A) ≤12
	(85A) ≤16	(85A) ≤16
Z-Axis feeding height (mm)	150	150
Feeding precision	±0.15mm	±0.15mm
Repeated position precision	±0.1mm	±0.1mm
Drive system	Lead Screw	Gear
Full loading power (kW)	6,9,12	6,9,12

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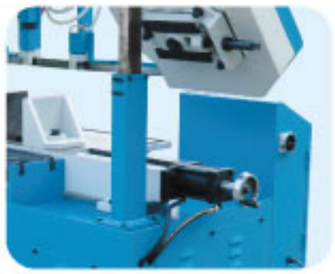
- Variable down feed speed, which is controlled by hydraulic cylinder.
- Hydraulic jaw clamping vice, make sawing more stable
- Equipped with blade overload protection device
- Adopt bearing and hard alloy double guide to entend the life of the blade
- Working light available
- User-friendly graphical control system with fingertouch screen.

BS-5030



Hydraulic clamping vice

PLC control with finger touch screen

Chip box and power coolant

Item No.		388156
Model		BS-5030
Capacity	Circular	300 mm (11.8")
	Rectangular	500 × 300 mm (19.7"×11.8")
Blade speed		30 50 75 90 MPM
Blade size		1.1×34×4180 mm
Motor power		3 kW
Max. hydraulic pressure		2.2Mpa
Drive		Belt
Packing size		220× 135 × 170 cm
N.W./G.W		1150/1240 kg

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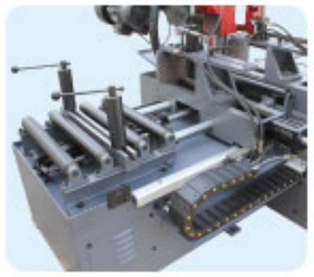
- Variable down feed speed, which is controlled by hydraulic cylinder
- Hydraulic jaw clamping vice, making sawing more stable
- Equipped with blade overload protection device
- Adopt bearing and hard alloy double guide to extend the life of the blade
- Working light available
- User-friendly graphical control system with finger touch screen
- Collocate with the work light that brings convenience for operation
- High speed down before touch the workpieces.

BS-5040

Batch clamping device



Shuttle vice for auto feeding

Auto chip conveyor

Electric cabinet

Item No.		388157
Model		BS-5040
Capacity	Circular	300mm(11.8")
	Rectangular	500x300mm(19.7"x11.8")
Blade speed		30,50,75,90 MPM
Blade size		1.1X34X4180mm
Motor power		3kW
Max. hydraulic pressure		2.5Mpa
Drive		Belt
Max. Hydraulic feeding length		500mm
Packing size		226 × 213 × 178cm
N.W./G.W		1550/1720kg

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Standard Clamping Bars for EB1250

EB1250

- The fundamental principle of the Magnetic Bending Machine is that it uses electromagnetic, rather than mechanical, clamping system. The machine consists of a long electromagnet with a steel clamp bar located above it. The sheet metal is clamped between the two by an electromagnet capable of clamping with a force range of between 3-10 tons. Rotating the bending beam then forms the bend. The sheet is bent around the front edge of the clamping bar. They have application in many ways with four various sets clamping bars.

BENDING CAPACITIES (for standard full-length clamping bar)

Item No.	373401	373402	373403
Model	EB625	EB1000	EB1250
Max. Capacity	625×1.6mm	1000×1.6mm	1250×1.6mm
(length × thickness)	2'×16ga	3'×16ga	4'×16ga
Clamping force	3Ton	4.5Ton	6Ton
Duty cycle	30%	30%	30%
Back gauge	390mm	640mm	640mm
Foot switch	Standard		
Nominal current	4 Amp	6 Amp	6 Amp
Protection	Thermal cut-out 70℃		
Bending-edge length	670mm	1050mm	1300mm
Distance between lifters	630mm	1010mm	1260mm
Packing size	83×112×38cm	120×112×38cm	145×112×38cm
N.W./G.W.	102/127kg	142/177kg	175/220kg

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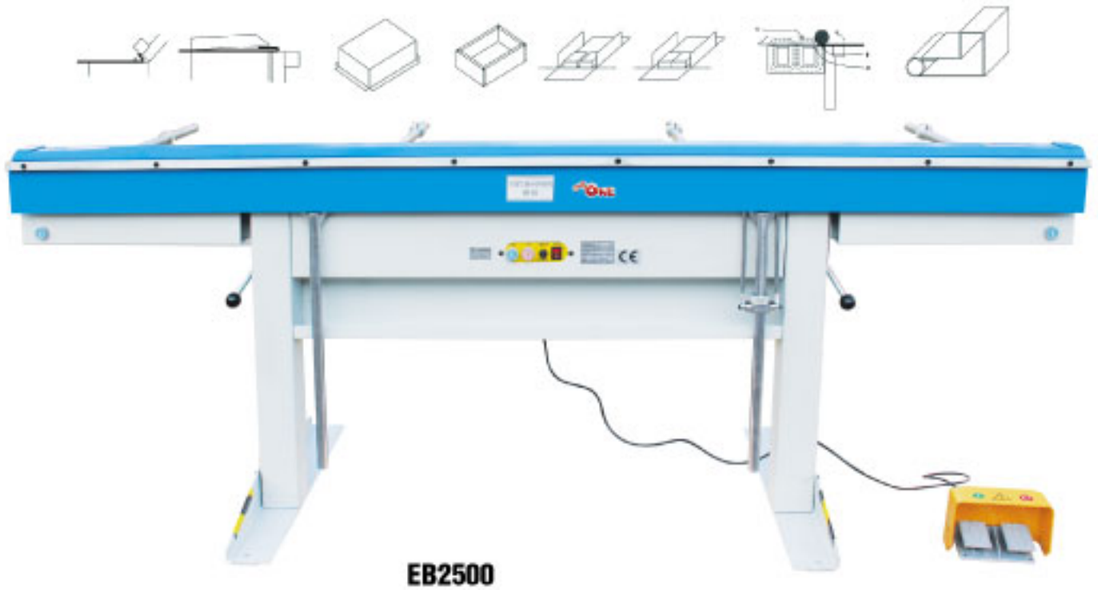
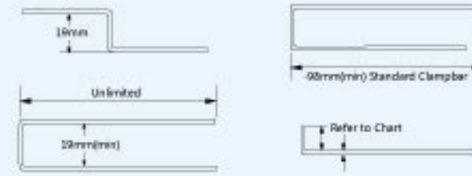
MAGNETIC BENDING MACHINE

Workpieces sample show



EB2500

Standard Clamping Bars



- Magnetic clamping brake
- Easy raise clamp bar
- Unlimited box depth
- Includes multiple finger lengths
- Bending stop included

BENDING CAPACITIES (for standard full-length clamping bar)

Item No.	373404	373405	373406
Model	EB2000	EB2500	EB3200
Max. Capacity	2000×1.6mm	2500×1.6mm	3200×1.2mm
(length × thickness)	6'×16ga	8'×16ga	10'×18ga
Clamping force	9Ton	12Ton	10Ton
Duty cycle	30%	30%	30%
Back gauge	640mm	640mm	640mm
Foot switch	Standard		
Nominal current	12 Amp	15 Amp	15 Amp
Protection	Thermal cut-out 70℃		
Bending-edge length	2090mm	2590mm	3290mm
Distance between lifters	2028mm	2528mm	3228mm
Packing size	220×112×38cm	270×112×38cm	370×112×38cm
N.W./G.W.	290/360kg	330/420kg	400/510kg

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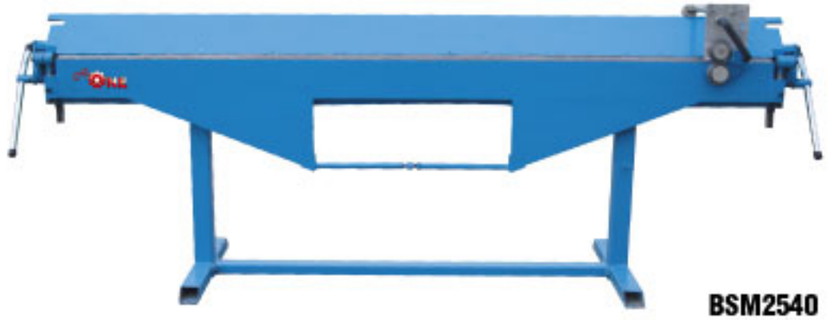
BSM1016

BSM1220



BSM2540

The shearing device is easy to take off

- Works with aluminum, copper and steel
- All steel foldable frame for easy transport and storage

Item No.	373171	373172	373173
Model	BSM1016	BSM1220	BSM2540
Working length (mm)	1016	1220	2540
Max.bending thickness (mm)	1.0	0.8	0.8
Max.shearing thickness (mm)	1.0	0.8	0.8
Max.bending angle	0-135°	0-135°	0-135°
Stand height (mm)	900	900	650
Packing size (cm)	145×31×23	165×31×23	300×76×50
N.W/G.W (kg)	62/65	82/85	225/290

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ALB-3200

Sheet cutting with shearing device

Before shear

Shear done

Bending work show

Easy to carry on

- Portable bender is designed for the manufacture of any of the profiles, sheet metal up to 0.7 mm (skates, sills, cornices, etc.). Available treatment sheet following materials: steel, brass, copper and other materials, including painted or coated. The surface is not damaged due to silicone insert bending beam. Easy to adjust the thickness of the metal.
- The design of high-tech anodized light alloy provides listogibov convenient for transportation mobility and compactness, making it possible to work in the workshop or on-site construction works. Assembly time of preparation of the machine to work 10-15 minutes.
- The design of the machine ensures a secure fit the blank, high quality manufactured products with 180 °.
- Equipped with a special roller knife for sheet cutting

Item No.	373431	373432	373433	373434
Model	ALB-2600	ALB-3200	ALB-3800	ALB-4400
Bending length (mm)	2600	3200	3800	4400
Thickness of mild steel (mm)	0.7	0.7	0.7	0.7
Aluminum (mm)	0.8	0.8	0.8	0.8
Maximum bending angle	180°	180°	180°	180°
Infeed depth (mm)	580	580	580	580
Packing size (cm)	280×75×28	330×75×28	400×75×28	450×75×28
N.W./G.W. (kg)	76/116	89/130	106/147	120/203

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3-IN-1/760A

- Simple construction, easy operation.
- With capacity for shearing, rolling and bending.
- The bending parts is independent, can be supplied optional.
- It is improved from previous model, save more labor when bending.

Bending details

Item No.	371012	371013	371014
Model	3-IN-1/760A	3-IN-1/1016A	3-IN-1/1320A
Bed width (mm)	760	1016	1320
Max. shearing thickness (mm)	1.0	1.0	1.0
Max. bending thickness (mm)	1.0	1.0	1.0
Max. Bending angle	90°	90°	90°
Max. Rolling thickness (mm)	1.0	1.0	1.0
Min. Rolling dia. (mm)	39	40	50
Packing size (cm)	106×49×51	135×45×72	168×54×78
N.W. / G.W. (kg)	128/145	195/212	349/377

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W1.2x610

- Simple construction, and easy for moving and working
- Thickness capacity is up to 1.2mm

WB-14

- Simple construction, and easy for moving and working

W1.2x460
W1.2x760

- Simple construction, and easy for moving and working
- Working with C-clamp(Optional)
- Thickness capacity is up to 1.2mm

W1.2x1000

- Simple construction, and easy for moving and working
- Thickness capacity is up to 1.2mm

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Length	Thickness	Angle		
373912	WB-14	356	1.0	0-90°	58×17×37	29/30
373131	W1.2×460	460	1.2	0-90°	50×12×6.5	4.5/5
373132	W1.2×760	760	1.2	0-90°	90×17×12	14/15
373134	W1.2×610	610	1.2	0-135°	81×21×37	24/26
373135	W1.2×1000	1000	1.2	0-135°	124×26×18	33/35

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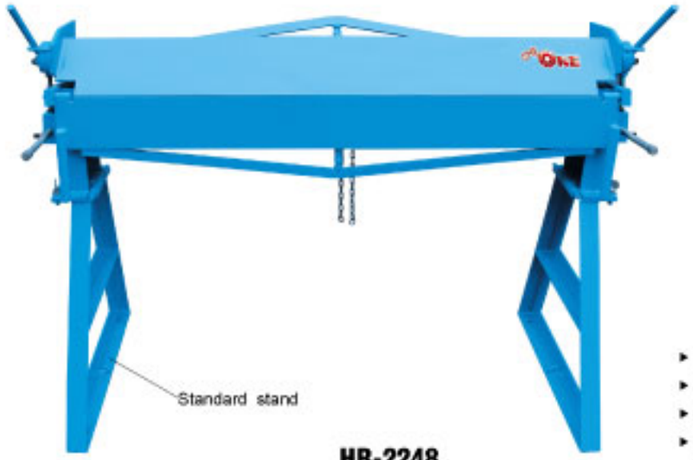
HB-2250

- Suitable for many types of metalforming operations
- Precise bed and beam alignment assures working accuracy

Item No.	373021	373022
Model	HB-2250	HB-1650
Max.bending length	1270mm (50")	1270mm (50")
Max. thickness	0.80mm (22Ga)	1.5mm (16Ga)
Max.lift of beam	22mm (7/8")	32mm (1-1/4")
Beam adjustment	3.0mm (1/8")	16mm (5/8")
Packing size	168×54×71cm	168×59×82cm
N.W./G.W.	142/187kg	191/236kg



HB-2248

- All steel welded construction
- Adjustable truss bars and bronze bushings
- Removeable nose bar
- Equipped with precise stop rod for repeat bends
- Stands can be fold easily

Item No.	373020
Model	HB-2248
Max.bending length	1220mm (48")
Max. thickness	0.8mm (22Ga)
Max.lift of beam	25.4mm (1")
Packing size	151×64×64cm
N.W./G.W.	112/133kg

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W1.0x610

W1.2x1220

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Length	Thickness	Angle		
373001	W1.0×305	305	1.0	0-135°	50×30×37	19/21
373002	W1.0×610	610	1.0	0-135°	81×30×35	28/31
373003	W1.0×915	915	1.0	0-135°	116×41×59	65/78
373007	W1.2×1220	1220	1.2	0-135°	158×39×58	90/104

W1.2x1500

- W1.2×1500, W1.0×2000: hand brake with one whole blade
- W1.5×1500, W1.2×2000: pan & box brake with segments

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Width	Thickness	Angle		
373008	W1.2×1500	1500	1.2	0-140°	200×76×125	285/355
373009	W1.0×2000	2000	1.0	0-140°	250×76×125	410/500
373109	W1.5×1500	1500	1.5	0-140°	200×76×127	445/515
373110	W1.2×2000	2000	1.2	0-140°	250×76×127	581/665

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BS-85

- Easy to carry to any work sites
- Angle cutting from 0°-45°
- With electronic variable speed for BS-85

BS-100

BS-115

- Mitre arm can be easily swiveled from 0°-45°
- Rapid vice clamp

BS-115A

Item No.		388000	388001	388002	388003
Model		BS-85	BS-100	BS-115	BS-115A
Capacity	Circular @90°	85mm(3.3")	100mm(4")	115mm(4.5")	115mm(4.5")
	Rectangular @90°	85×105mm(3.3"×4.1")	100×150mm(4"×6")	100×150mm(4"×6")	100×150mm(4"×6")
	Circular @45°	70mm(2.7")	60mm(2.4")	100mm(4")	100mm(4")
	Rectangular @45°	65×75mm(2.5"×2.9")	60×100mm(2.4"×4")	60×100mm(2.4"×4")	60×100mm(2.4"×4")
Blade speed	@60Hz	40~88MPM	54MPM	24,35,61MPM	24,35,61MPM
	@50Hz	40~88MPM	45MPM	20,29,50MPM	20,29,50MPM
Blade size		13×0.65×1325mm	13×0.65×1470mm	13×0.6×1538mm	13×0.6×1638mm
Motor power		1000W	375W 1/2HP(3PH),550W 3/4HP(1PH)		
Drive		Gear	Gear	V-belt	V-belt
Packing size		69×31×46cm	72×37×46cm	97×46×46cm	108×48×56cm
N.W./G.W.		19.4/21.3kg	26/29kg	68/72kg	76/95kg

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- Easy to carry to any work sites
- Vertical cutting position
- Mitre arm swivels at 0°,45°,60°

BS-128HDR

BS-128DR

Down feed system design and swivelling work show

Item No.		388004	388005
Model		BS-128DR	BS-128HDR
Capacity	Circular @90°	128mm(5")	128mm(5")
	Rectangular @90°	128×150mm(5"×6")	128×150mm(5"×6")
	Circular @60°	44mm(1.75")	44mm(1.75")
	Rectangular @60°	44×56mm(1.75"×2.19")	44×56mm(1.75"×2.19")
	Circular @45°	95mm(3.75")	95mm(3.75")
	Rectangular @45°	75×95mm(3"×3.7")	75×95mm(3"×3.7)
Blade speed	@60Hz	24,35,61MPM	24,35,61MPM
	@50Hz	20,29,50MPM	20,29,50MPM
Blade size		13×0.6×1638mm	13×0.6×1638mm
Motor power		375W 1/2HP(3PH),375W 1/2HP(1PH)	
Drive		V-belt	
Packing size		96×54×61cm	
N.W./G.W.		82/102kg	85/105kg

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- Solid welded frame
- Removable segmented fingers
- Hardened steel dies can be repositioned for different size jobs

W1.0x610A

W1.5x1220

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Width	Thickness	Angle		
373101	W1.0×305A	305	1.0	0-135°	50×35×41	28/30
373102	W1.0×610A	610	1.0	0-135°	81×35×42	43/46
373103	W1.0×915A	915	1.0	0-135°	117×35×43	70/80
373106	W1.5×1220	1220	1.5	0-135°	161×48×68	135/151

- Heavy duty type
- Solid machine with stainless steel
- Bending segment for high precision
- Many different sizes of bending segment for various work-pieces

W1.5x1220Z

Item No.	Model	Capacity(mm)			Packing size(cm)	N.W./G.W.(kg)
		Length	Thickness	Angle		
373121	W1.5×610Z	610	1.5	0-135°	86×35×44	54/63
373122	W1.5×915Z	915	1.5	0-135°	117×40×58	106/123
373123	W1.5×1220Z	1220	1.5	0-135°	161×48×68	152/180
373124	W1.5×1260A	1260	1.5	0-135°	161×48×68	133/151

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Enlarge handle

BP-1650

- With high blades 184mm
- Sectioned fingers are easily removed for box bending and special forming operation
- With fingers installed it can be used as a full-length nose bar,turning the machine into a straight bending brake
- Balance weight hammer save your working effort

Standard stand

- With high blades 198mm
- All steel welded construction
- Adjustable truss bars and bronze bushings
- Removeable nose bar
- Equipped with precise stop rod for repeat bends

BP-1648H

Item No.	373030	373040
Model	BP-1650	BP-1648H
Max.bending length	1270mm (50")	1220mm (48")
Max. thickness	1.5mm (16Ga)	1.5mm (16Ga)
Max.box depth	100mm (4")	100mm (4")
Max.lift of beam	32mm (1-1/4")	32mm (1-1/4")
Beam adjustment	16mm (5/8")	6.5mm (0.25")
Finger nose angle	45°	—
Packing size	168x59x82cm	166×61×72cm
N.W./G.W.	202/247kg	237/260kg

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HRBM65

Item No.	391020	
Model	HRBM65	
Dia. of roller(mm)	Φ65	
Power	2.25kW	
Spindle speed	9.3 r/min	
Packing size (cm)	125x115x180	
N.W./G.W. (kg)	720/920	
Capacity	Size(mm)	Min Dia.(mm)
	80x25 40x10	600 500
	120x25 50x10	600 400
	50 20	600 400
	80x40x7 40x40x5	500 400
	80x40x7 40x40x5	400 360
	100x50x6 50x40x5	600 500
	100x50x6 50x40x5	600 500
	70x6 40x5	500 400
	70x6 40x5	600 500
	Ø50 Ø20	600 400
	70x70x3 30x30x3	900 500
	80x40x3 50x30x2	800 500

* All the above processing capacities can be finished by one set of standard combination roller

- Steel-welded construction frame
- With hydraulic motor
- Mobile control panel
- Top roll hydraulic moveable
- One standard combination roller
- Horizontal and vertical operation

▸ Special Roller

Model	HRBM65	
Profile	Size	Min Dia.(mm)
	3-1/2" x 2" 2-1/8" x 2"	900 500
	Ø100 x 2mm Ø60 x 2mm	1000 500

•We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.

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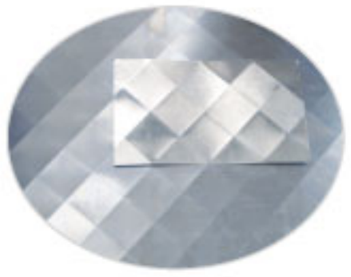
PIC50



Shape of diamond

- Steel-welded construction frame
- 20 Ga 50" mild steel capacity
- 1HP motor power
- The machine can convent from sheet with 1270mm width to the shape of diamond with 70×70mm

Item	373270
Model	PIC50
Max. capacity width	1270mm(50")
Capacity size	70x70mm
Output speed adjustable scope	9-16rpm
Motor power	750W
Packing size	161x140x134cm
N.W./G.W.	520/580kg

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