

PP-25 Precision Endmill Grinder

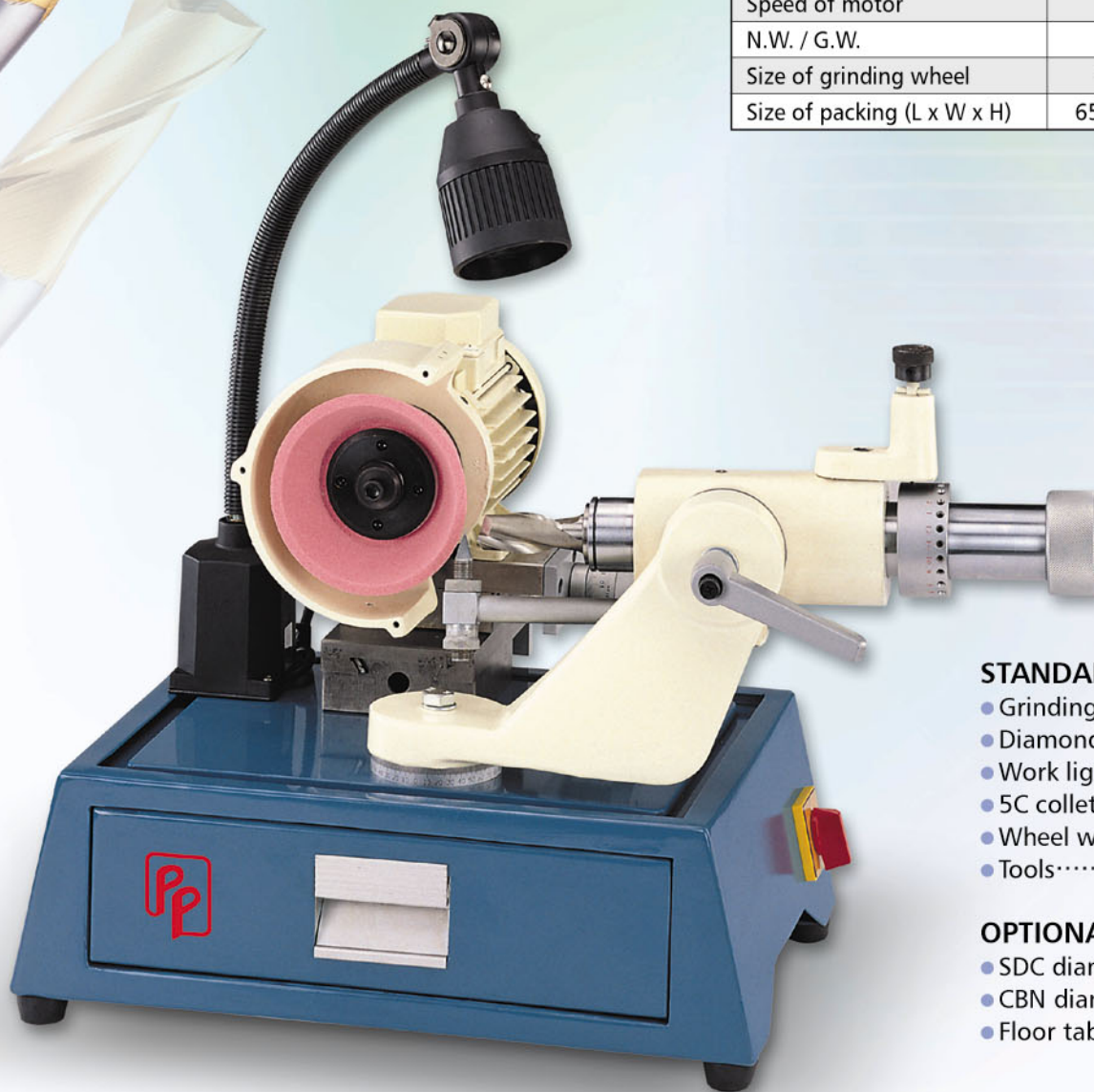
- Simple to set-up ■ Easy to operate
- Grinding fast

FEATURES

- Specially designed machine structure permits the set-up of cutting lips and edges (OD) last sharpened at same time.
- Simple operation. Unskilled operator.

SPECIFICATIONS

ITEM	PP-25
Grinding capacity	6 mm~25 mm
Longitudinal travel of table	50 mm
Cross travel of saddle	50 mm
Motor	1/2HP, 110V/220V/380V
Speed of motor	3600 RPM
N.W. / G.W.	50kgs / 75kgs
Size of grinding wheel	125 x 50 x 31.75
Size of packing (L x W x H)	650 x 500 x 680 mm



STANDARD ACCESSORIES

- Grinding wheel.....1 PC
- Diamond dresser.....1 PC
- Work light.....1 PC
- 5C collet.....7 PCS
- Wheel wrench.....1 PC
- Tools.....1 SET

OPTIONAL ACCESSORIES

- SDC diamond grinding wheel
- CBN diamond grinding wheel
- Floor table



PEIPING PRECISION ENTERPRISE CO., LTD.

No. 71, 32th Rd., Taichung Industrial Park, Taichung, 407, Taiwan

TEL: 886-4-2358-9088

E-mail: peiping@ms18.hinet.net

FAX: 886-4-2358-9098

<http://www.pei-ping.com>

<http://www.ppgrinder.com>

* Machine shown with optional "CE" equipments.

* Specifications subject to change without notice.

PP-32N Universal Cutter Grinder

- Grinding Capacity: $\phi 1.5 \sim \phi 32\text{mm}$ (Straight shank & taper shank) Double wheels. It only needs to rotate the motor when want to grind the tool of different material. It can increase the safety & save the time for changing & repairing the grinding wheel.
- The kinds of grinding tool include: Drills, step drills, taps, lips of end mills, round bars, etc.
- Adopts precision 4" 6 pawl self-centering chuck, clipping one time. It can grind the blade of drills and do the repairing of drills abdomen. The angle of drill both sides and the length of the blade are the same after grinding. It can keep the accuracy of the center of drills without off center.

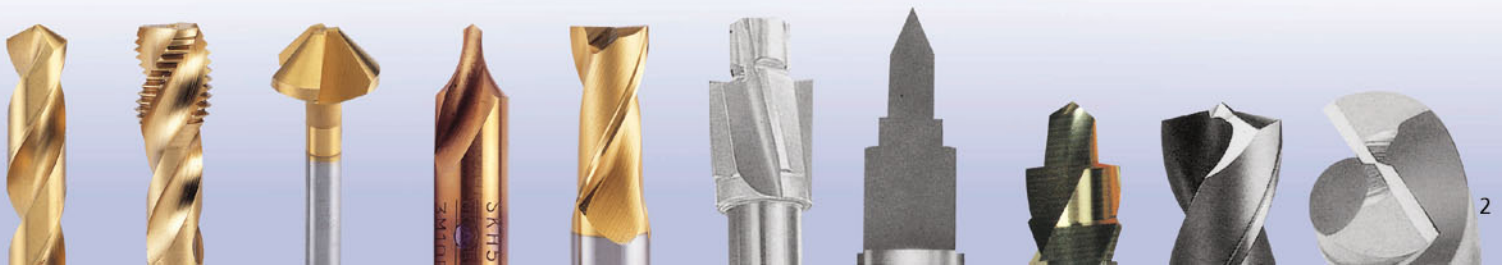
SPECIFICATIONS

ITEM	PP-32N
Longitudinal travel of table	120 mm
Cross travel of saddle	135 mm
Rotary angle of wheel head	360°
Point angle	90° -180°
Size of wheel	125 x 50 x 31.75 mm
Speed of wheel	3600 RPM
Motor	3/4HP, 110V/220V/380V
N.W /G.W.	95 kgs / 125 kgs
Size of packing (L x W x H)	850 x 550 x 670 mm

* Optional accessories : Table, Diamond grinding wheel.



Patent No.75717
Patented replacement-free
unique cam.



PP-50 Universal Tool Grinder



Patent No.42447

The main spindle of wheel head is designed three axis. The motor can be rotated 360° in horizontal plane and also can be set the incline angle & escape angle of drills easily. It can increase the grinding function & range of machinery.

- The machinery can grind drills, step drills, NC drills, taps, end mills, ball radius end mills, lathe tools, ball radius lathe tools, counter sinks, side cutters, round bars, reamers, hobs, round cutters, etc by changing the attachments.
- Double wheels. It only needs to rotate the motor when want to grind the tool of different materials. It can increase the safety & save the time for changing & repairing the grinding wheel.
- Adopt import & precise roll guide on the table. The table is stable and can be operated smoothly.
- Adopt FC 30 cast iron with high toughness. It can keep the precision of the machine in a long time.

SPECIFICATIONS

ITEM	PP-50
Longitudinal travel of table	230 mm
Cross travel of saddle	180 mm
Vertical adjustment of wheel head	120 mm
Rotary angle of wheel head	360°
Rotary angle of up-down spindle	360°
Working table area	620 x 190 mm
Size of wheel	180 x 25 x 31.75 mm 125 x 50 x 31.75 mm
Speed of wheel	3600 RPM
Motor	3/4HP, 110V/220V/380V
N.W / G.W.	260 kgs / 310 kgs
Size of packing (L x W x H)	1000 x 850 x 1540 mm

50B Drills & taps grinding attachment



- Grinding capacity: $\phi 2-\phi 60$ mm (straight shank & taper shank)
- The kinds of grinding tools include: drills, step drills, NC drills, counter sink, round bars, lips of end mills, etc.
- Double cams: Can grind the drills from one flute to six flutes, including odd number flutes and even number flutes
- The point angle of drills: 40° - 180°
The clearance angle of drills: 0° - 18°

Patent No.135236

50E R Type end mills & cutters grinding attachment



- Standard grinding capacity: $\phi 6$ mm- $\phi 25$ mm.
- The attachment can grind end mills, ball radius end mills, ball radius lathe tools, carving cutter, etc.
- Other optional sizes are available.

50F (600F) Lathe tools grinding attachment



- This attachment is specially used for grinding general lathe tools, CNC lathe tools.



PP-600 Universal Tool Grinder

- Adopt precise & import roll guide on the table. The table is stable and can be operated smoothly.
- The machine can grind drills, step drills, taps, end mills, ball radius end mills, lathe tools, ball radius lathe tools, side cutters, round bars, round cutters, reamers, hobs, etc by changing the attachments.
- The Motor can be rotated 360° It can increase the grinding function & range of the machinery.
- Adopt FC 30 cast iron with high toughness. It can keep the precision of the machine in a long time.

SPECIFICATIONS

ITEM	PP-600
Longitudinal travel of table	185 mm
Cross travel of saddle	120 mm
Working table area	125 x 520 mm
Vertical adjustment of wheel head	140 mm
Vertical tilting range of wheel head	360°
Size of wheel	125 x 50 x 31.75 mm
Speed of wheel	3600 RPM
Motor	1/2HP, 110V/220V/380V
N.W. / G.W.	150 kgs / 190 kgs
Size of packing (L x W x H)	750 x 700 x 750 mm

* Optional accessories : Table, Diamond grinding wheel.

50K (600K) drills & cutters grinding attachment

- Grinding capacity: ϕ 1.5- ϕ 32mm (straight shank & taper shank)
- The kinds of grinding tool include: drills, step drills, taps, side cutters, lips of end mills, round bars, etc.
- Unique cam: The cam of grinding drills & the cam of grinding taps.



Unique cam
Patent No.75717

50D (600D) End mills grinding attachment

- Standard grinding capacity: ϕ 6mm- ϕ 25mm.
- The kinds of grinding tools include: end mills, side cutters, etc.
- Adopts precision 5C collects for the attachment, and uses special tool steel for the main spindle. It is very precise and durable owing to high frequency heat-treatment and chromium plating grinding.
- Other optional sizes are available.



50H (600H) Tools grinding attachment

- This attachment specially grinds end mills, reamers, hobs, side cutters, etc.



PP-60N/80N/100

Universal Drill & Tap Grinder



Patent No.135236
Double cams: It can grind the drills from one flute to six flutes, including odd number flutes and even number flutes.



Grinding capacity:

PP-60N: ϕ 2- ϕ 60mm (straight shank & taper shank)

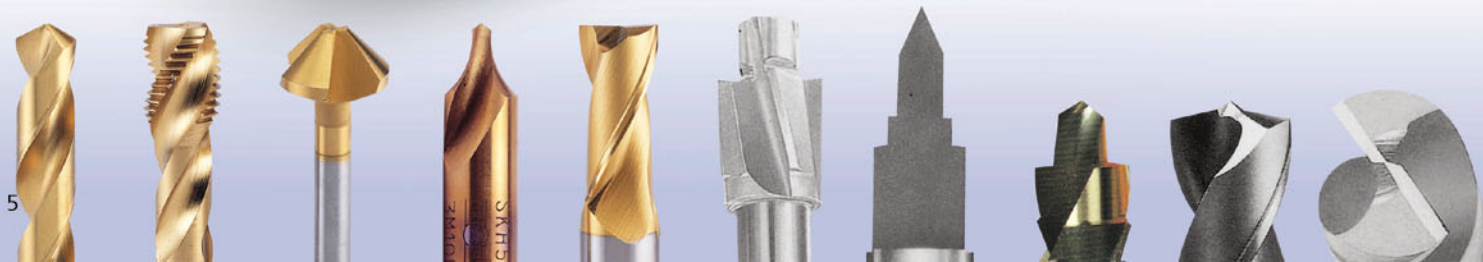
PP-80N: ϕ 4- ϕ 80mm (straight shank & taper shank)

PP-100: ϕ 5- ϕ 100mm (straight shank & taper shank)

- The kinds of grinding tool include: drills, step drills, taps, counter sink, round bars, lips of end mills, etc.
- Adopt the precise 6" 6 pawl chuck, clipping one time. It can grind the blade of drills and do the paring of drills abdomen. The angle of drills and the length of the blade are the same after grinding. It can keep the drill center without off center.
- The main spindle have the grinding wheel 2pcs. The blade and the center of drills can be grinded one time. It can save the time for changing the grinding wheel.
- The motor can be removed 160mm up & down, it can increase the control of the machinery.

SPECIFICATIONS

ITEM	PP60N / PP80N / PP100	
Longitudinal travel of table	250 mm	
Cross travel of saddle	180 mm	
Vertical adjustment of wheel head	165 mm	
Rotary angle of wheel head	360°	
Clearance angle	0° -18°	
Point angle	40° -180°	
Size of wheel	180 x 32 x 31.75 mm 180 x 19 x 31.75 mm	
Speed of wheel	3600 RPM	
Motor	60N	1/2HP, 220V/380V
	80N/100	1HP, 220V/380V
N.W. / G.W.	60N	270/320
	80N	310/370
	100	330/390
Size of packing (L x W x H)	60N	950x1000x1540
	80N/100	1120x1000x1540



PP-13A 鑽頭研磨機



規格表

項目	PP-13A
研磨能力	φ3~φ13mm
先端角	118° -135°
電源	單相AC 110V 單相 AC 220V
馬力	1/4HP 180W
回轉數	5300 RPM
鑽石砂輪	CBN#200
重量	淨重:9.5kgs 毛重:10kgs
包裝尺寸	310x160x180 mm
標準配件	筒夾 φ 3,4,5,6,7,8,9,10,11,12,13共11只 夾頭組1座 六角扳手4m/m 1支

PP-26X 鑽頭研磨機



規格表

項目	PP-26X
研磨能力	φ12~φ26mm
先端角	100° -135°
電源	單相AC 110V 單相 AC 220V
馬力	1/4HP 180W
回轉數	5300 RPM
鑽石砂輪	CBN#200
重量	淨重:23kgs 毛重:24kgs
包裝尺寸	470x270x240 mm
標準配件	筒夾 φ 13,14,15,16,17,18,19,20,21,22,23,24,25,26共14只 夾頭組1座/六角扳手4m/m 1支

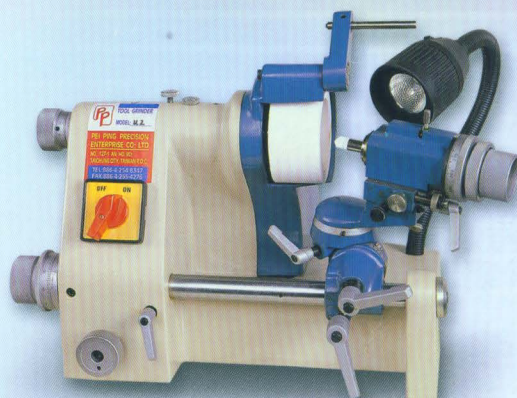
PP-26 旋轉式切斷 & 研磨專用機



規格表

項目	PP-26
最大切斷範圍	25
切斷砂輪	180x1x31.8 mm
研磨砂輪	WA 100x50x20
回轉數	3600
馬達	1HP
量尺	300 mm (600 mm)
重量	88 kgs
包裝尺寸	590x560x670 mm

PP-U2 雕刻刀研磨機



規格表

項目	PP-U2
最大夾持能力	φ18mm
最大研磨能力	φ25mm
推拔角度	0° -180°
離隙角	0° -45°
負推拔角度	0° -25°
主軸轉速	5000 RPM
皿型砂輪直徑	100 x 50 x 20mm
馬達	1/3HP, 220V, 50/60HZ
淨重/毛重	45kgs/60kgs
包裝尺寸	550 x 450 x 470mm

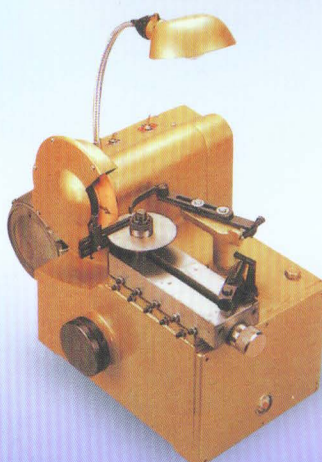
PP-125 鑽石磨刀機



規格表

項目	PP-125
馬達	1/3HP, 110V, 220V
馬達轉速	3600 RPM
重量	37 kgs

PP-450 圓鋸片自動研磨機



規格表

項目	PP-450
研磨能力	25-220mm
研磨齒數	無限制
砂輪規格	150x6x12.7mm
馬達	1/4HP, 110V, 220V
淨重/毛重	50/80kgs
包裝尺寸	750x500x600mm

PP-13A 鑽頭研磨機



規格表

項目	PP-13A
研磨能力	φ3-φ13mm
夾持角	118°-135°
電源	單相AC 110V 三相AC 220V
馬力	1/4HP 180W
迴轉數	5300 RPM
鑽石砂輪	CBN#200
重量	淨重:9.5kgs 毛重:10kgs
包裝尺寸	310x160x180 mm
標準配件	筒夾φ3,4,5,6,7,8,9,10,11,12,13共11只 夾頭鉗1把 六角扳手4mm 1支

PP-26X 鑽頭研磨機



規格表

項目	PP-26X
研磨能力	φ12-φ26mm
夾持角	100°-135°
電源	單相AC 110V 三相AC 220V
馬力	1/4HP 180W
迴轉數	5300 RPM
鑽石砂輪	CBN#200
重量	淨重:24kgs 毛重:24kgs
包裝尺寸	470x270x270 mm
標準配件	筒夾φ13,14,15,16,17,18,19,20,21,22,23,24,25,26共14只 夾頭鉗1把六角扳手4mm 1支

PP-26 旋轉式切斷 & 研磨專用機



規格表

項目	PP-26
最大研磨範圍	25
切斷尺寸	180x1x31.8 mm
研磨砂輪	WA 100#50x20
迴轉數	3500
馬達	1HP
尺寸	400 mm (600 mm)
重量	88 kgs
包裝尺寸	590x560x670 mm

PP-U2 雕刻刀研磨機



規格表

項目	PP-U2
最大研磨能力	φ18mm
最大研磨能力	φ25mm
研磨角度	0°-180°
研磨角	0°-45°
研磨速度	0°-25°
迴轉數	5000 RPM
前部材料直徑	100 x 50 x 20mm
馬達	1/3HP 220V 50/60HZ
淨重/毛重	45kgs/50kgs
包裝尺寸	550 x 450 x 470mm

PP-125 鑽石磨刀機



規格表

項目	PP-125
馬達	1/3HP 110V 220V
迴轉數	3600 RPM
重量	37 kgs

PP-450 圓鋸片自動研磨機



規格表

項目	PP-450
研磨能力	25-220mm
研磨角度	根據設計
研磨規格	150x8x12.7mm
馬達	1/4HP 110V 220V
淨重/毛重	50/80kgs
包裝尺寸	750x500x600mm