

# 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:  $\phi$  2-  $\phi$  60mm (straight shank & taper shank)
- PP-80N:  $\phi$  4-  $\phi$  80mm (straight shank & taper shank)
- PP-100:  $\phi$  5-  $\phi$  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

