

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.

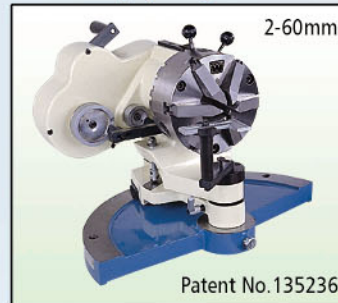


- The machinery can grind drills, step drills, NC drills, taps, end mills, ball radius end mills, lathe tools, ball radius lathe tools, counter sinks, side cutters, round bars, reamers, hobs, round cutters, etc by changing the attachments.
- Double wheels. It only needs to rotate the motor when want 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°

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.

