



PDJ

PDJ – ROBO-SHOP

5 PRIME CNC | PILOT PRO CNC

TRAVELS

X- axis 12, 26, 42, 50 inch
Y – axis 20, 26, 50, 98 inch
Z – axis 12, 20, 36 inch
A – axis +/- no limit
B – axis +/- 130 degrees
C – axis +/- 360 degrees

SPINDLE

Spindle power 3hp
Max speed 12000, 24000
Collet ER20

FEED RATE

X and Y axis up to 500 in/min
Z axis up to 250 in/min
A, B, C in deg/min

POWER

Machine 110 20A or 220V 10A
Spindle power single 220Vac
Or use a 3kW 110 to 220V

MACHINE SPECIFICATIONS

3 axis default – up to 6 axis options
Table size 2” over travel
Tabletop user provided
Spindle clearance 12 inches and up
System footprint x travel + 13”, y travel +17”
Overall height 3 feet up to 10 feet
System weight 300 lbs. To 1000 lbs.
Machine software mach3, mach4, UCcnc, ...(UCcnc is recommended)

FRAME

Hiwin rails
TBI ball screws
Heavy duty extruded 6061
6061 and MIC 6 plates
Tabletop phenolic is recommended

WARRANTY

1 year Warranty against defects in material and workmanship.
Extended warranty available.

OPTIONAL ACCESSORIES

4th axis, 5th axis, 6th axis, Laser, extruder, 3d probe, ... etc.