

KP-90



- A heavily ribbed casting providing rigidity and stability ensures the stability essential to a jig-boring machine.
- A special triple clamp arrangement provides good rigidity to column/knee assembly
- The saddle is of box construction. It gives support to the table over its total travel of 600mm.
- The slideaways are of box design with inherent rigidity, precision machined, ground and hand scraped. Slideaways are covered with Trucite slide bands. This material is a blend of virgin P.T.F.E. (polytetrafluoroethylene) and a combination of fillers which give following properties:
 1. Low friction 0.005
 2. Smooth way motion (eliminating Stick-Slip).
 3. Improved machining quality.
 4. Improved positioning and repeatability accuracy.
- Ball screws on X and Y axes ensuring the accuracy of the transmission systems. These ballscrews are held in position through angular contact preloader bearings.
- Telescopic protections X, Y

TABLE

Table surface	1.200 x 300 mm.
NR. of T-slots	3
Centres of T-slots	75 mm
Width of T-slots	16 mm

HEAD

Spindle drive motor	3 H.P.
Number of spindle speeds: inf. variable	(Tn 1 r.p.m. steps)
Spindle speed range	60-4.000 r.p.m
Spindle taper	30-40 I.N.T. (optional)
Spindle Traverse	127 mm.
Quill feeds per rev. of spindle	0,038-0,073-0,120 mm

TAVERSES

Longitudinal travel (manual)	600 MM.
Longitudinal travel (automatic)	580 mm.
Cross travel	350 mm.
Vertical knee travel	390 mm.
Vertical spindle travel	127 mm.
Spindle nose to table min-max	130-520 mm.

WEIGHT & DIMENSIONS

Floor area	1.800 x 1.700 mm.
Height	2.300 mm.
Weight	1.725 kg
Shipping Dimensions	1.750 x 1.750 x 2.100 mm.