



PROXXON PD 400/E - LATHE SYSTEM

Lathe PD 400 is unequalled in its class. Don't waste your time if you are trying to find similar value for money. Ideal for straight and cross cuts, taper turning, internal and external thread cutting slotting etc. Useable on materials such as steel, non-ferrous metals (aluminum, brass etc.). Negligible variances even under heavy loads. Ground and hardened beds of ribbed construction for highest precision and stability. The wide range of accessories complements the lathe's functions. The bed is equipped with a milled surface for securing mill/drill PF 400.

Features

- Supplied with change gears for thread cutting in 19 steps (0,2 - 3,0 mm). Clearly positioned and easy to change.
- Main switch with emergency stop function and restart protection.
- Quality, precision 3 jaw chuck with 100 mm capacity.
- Powerful capacitor motor with 550 W output.
- Quick-change tool post with 2 holders (fitted with adjustable height and stop).
- Includes MT2 rotating centre in tailstock.
- Easy to use hand wheel of aluminum with adjustable scale of steel. 1 division = 0.05 mm.
- Fully enclosed leadscrew with Acme thread (12 x 1.5).
- Cross-braced cast iron bed with wide, ground ways.
- Handwheel for quick support change.
- Switch for clockwise, off and counter-clockwise rotation.
- Selector for auto feed.

Technical details

Centre distance 400 mm, centre height 85 mm. The swing over the top slide is 116 mm (!). Solid, ribbed bed is made of quality cast iron with ground and hardened ways. Oversized spindle with 2 adjustable taper bearings, MT 3 taper and 20.5 mm bore. Run-out, without chuck, 5/1,000 mm.

The precision 3 jaw chuck has a capacity of up to 100 mm. Six spindle speeds are provided via belt drive: Level 1: 80 / 330 / 1,400 rpm; Level 2: 160 / 660 / 2,800 rpm. Powerful, quiet capacitor motor with 550 W output. All adjusting wheels fitted with scales that may be zeroed. 1 division = 0.05 mm. The auto feed has speed of 0.07 or 0.14 mm/rev.

An integrated gearbox with change gears provides 19 pitches: 0.2 - 0.25 - 0.3 - 0.35 - 0.4 - 0.45 - 0.5 - 0.6 - 0.7 - 0.75 - 0.8 - 0.9 - 1.0 - 1.25 - 1.50 - 1.75 - 2.0 - 2.5 - 3.0 mm. Imperial threads of 10 - 48 TPI are also possible. A rotating centre MK 2 and 10 mm MT 2 gear chuck are included. Cross slide travel 85 mm and topslide 55 mm. Swivels through 45 for taper turning. Toolstock with MT 2 (short), spindle travel 40 mm and 24 mm. Supplied with scale. Approx. size 900 x 400 x 300 mm. Weight

approx. 45 kg. For cutters of 10 x 10 mm.
Including individual quick-change holders.

SKU 15646