



*Light, stable and precise. Spindle speeds up to 5,000rpm.
Made in Europe.*

Precision lathe FD 150/E



2-stage belt drive and additional electronic control enables spindle speeds up to 5,000rpm. The right cutting speed for even the smallest pieces. For face turning, longitudinal turning, boring, taper turning, slicing and drilling. Complete with 3-jaw chuck and live centre. Centre distance 150mm. Swing 55mm. Height over cross slide 33mm.

Machine bed with dovetail guides of continuous casting aluminium.

Die-cast aluminium **spindle headstock**. With quiet special DC motor, 2-stage belt drive and additional electronic speed control for high engine power at low speeds for larger work pieces and for the appropriate cutting speed, even for the smallest pieces. Main switch with emergency stop function and restart protection. Precision bearing mounted main spindle with continuous 8.5mm bore. Chuck fit for standard ER 11 type collets.

Three-jaw chuck, self-centering (inside jaws 1.5 - 32mm), outside jaws 20 - 50mm).

Die-cast aluminium **tailstock** with spindle and live centre (fitting MK 0/ short).

Support: To be shifted manually on the bed and clamped with lever. Rotating tool post for turning steels 6 x 6mm. Processing via top slide (60mm, travel distance Z) and cross slide (40mm, travel distance X). The angle adjustment of the upper carriage makes it possible to turn tapers up to +/- 45°.

Handwheels with zero adjustable scale ring (1 division = 0.05mm, 1 revolution = 1mm).

Other technical data:

230V. 50/60Hz. Distance between centres 150mm. Swing 55mm. Height over cross slide 33mm. Cross slide travel (X) 40mm, top slide travel (Z) 60mm. Steel tool post for turning steels 6 x 6mm. Spindle bore 8.5mm. 2-stage belt drive with electronic speed control: Stage 1 = 800 - 2,800rpm. Stage 2 = 1,500 - 5,000rpm. Dimensions approx. 360 x 150 x 150mm. Weight 4.5kg. Insulated to class 1.

NO 24 150



See us on YouTube!



Video FD 150/E

Accessories for the FD 150/E

Radius cutting attachment

Is mounted on the cross slide in place of the tool holder. For producing convex and concave shapes, for turning radii or 3/4 spheres with radii of 32mm max. Height adjustable tool holder (boring tool tip adjustable from 30 through 45mm above cross slide) for use with FD 150/E, PD 250/E, PD 400 and older PROXXON lathes. Dimensions: base plate 67 x 50mm, height 55mm. Including finishing cutter 8 x 8 x 80mm. In wooden box with sliding lid.

NO 24 062



Chip collecting tray with splash guard for the FD 150/E

Of 1.5mm thick sheet steel, powder-coated. Bevelled edges at the front and back enable easy cleaning. Pre-drilled mounting holes for the secure stability of the FD 150/E. L 400 x W 165 x H 140mm. The lathe depicted here is not included in the scope of delivery.

NO 24 156



4-jaw-chuck, self-centering

Used to clamp cylindrical, square or octagonal work pieces. High accuracy. Clamping range with reversible jaws from 2 - 20mm (inside) and 20 - 50mm (outside). Ø 50mm.

NO 24 158



Drill chuck. Capacity 0.5 - 6.5mm.

Industrial quality with high concentricity (allowed up to 10,000rpm). Complete with arbour B 10 x MK 0/short. For the tailstock of the FD 150/E.

NO 24 152



Multiple range standard ER 11 type collets

Offering high concentricity. May be reduced up to 0.5mm below their nominal diameter (intermediate sizes not required). D = 11.5mm, L = 18mm. One each of 2 - 2.5 - 3 - 4 - 5 - 6 and 7mm are included. With clamping nut M 16 x 1. Suitable for the main spindle of the FD 150/E. Supplied in a wooden box.

NO 24 154



6-piece turning tool set. Made of high-quality cobalt HSS steel. Ground.

One each boring, roughing out, parting, finishing, right and left cutter. Size 6 x 6 x 65mm. For FD 150/E, supplied in wooden box.

NO 24 524

