



- **Advanced ergonomic design**
- **Large spindle capacity**
- **Extensive standard equipment**
- **Position indicator included**

- The fully equipped Basic PRO with its modern ergonomic design meets all requirements for universal applications in the areas of repairs, training and production
- The lathe bed is made of high-quality cast-iron for maximum stability and rigidity
- All gears, transmission shafts, and guideways are hardened and ground to guarantee very quiet operation and long tool life
- Wide guideways are hardened and ground to reduce wear and allow readjustments for long-term accuracy
- Readjustable spindle bearings ensure high precision and low wear for a long service life



Position indicator on X-, Z- and Z1-axis

- Gears and apron run in an enclosed oil bath for low maintenance
- Safety interlock to prevent simultaneous operation of lead screw and feed shaft feed
- Stainless steel covers on lead screw and feed shaft ensure safety without the usual restrictions, while also preventing contamination and early wear
- The tailstock can easily be positioned on the machine bed and moved sideways for taper turning
- High-performance coolant system is included
- The machine base features ample storage space for accessories and tools, including a chip tray that can be removed at front
- The X.Pos position indicator provides easy to program auxiliary functions

## Specifications

## Basic 170 Super Pro

Working area	
Center width	mm 1.000
Center height	mm 179
In-gap diameter over bed	mm 360
Turning-Ø over support	mm 223
Bed width	mm 187
Travels	
Travel X-axis	mm 185
Travel Z1-axis	mm 95
Headstock	
Spindle speed	1/min (8) 70 - 2.000
Spindle bore	mm 52
Spindle mount	Camlock D1-5
Spindle taper	MT 6
Feed	
Feed X-axis	mm/R (24) 0,0291 - 2,035
Feed Z-axis	mm/R (24) 0,0406 - 2,842
Tapping	
Tapping, metric	mm (48) 0,2 - 14
Tapping, whithworth	TPI (56) 2 - 56
Tapping, diametric	DP (32) 8 - 56
Tapping, module	MP (34) 0,2 - 3,5
Tailstock	
Tailstock quill diameter	mm 42
Tailstock taper	MT 3
Tailstock quill stroke	mm 120
Drive capacity	
Motor rating main drive	kW 1,5
Measures and weights	
Overall dimensions (length x width x height)	m 1,9x0,75x1,5
Weight	kg 650
Part No.	300814

## Standard Equipment

3-axis position indicator, 3-jaw chuck Ø 160 mm, quick change tool holder, coolant system, steady and follow rests, fixed splash guard (wall), chuck guard, foot brake pedal, LED work lamp, reducing sleeve, dead center, operating tools, operator instructions

## Options

## Part No.

• Quick-Set Spindle Bore Stop Size 6 46-58mm	103020
• Coolant Concentrate 5 Ltr.	103184
• Oscillation Element LK 3	103330
• Live Centers, assortment MT 3	106785
• Mechanical Clamping (Clamping: 3 in 1)	108796
• Analog Dial Gauge	129020