



- **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

## Specifications

		Basic 170 Super Pro	
<b>Working Area</b>			
Center width	in		39.37
Center height	in		7
In-gap diameter over bed	in		14
Turning-Ø over support	in		9
Bed width	in		7
<b>Travels</b>			
Travel X-axis	in		7.3
Travel Z1-axis	in		4
<b>Headstock</b>			
Spindle speed	rpm	(8)	70 - 2,000
Spindle bore	in		2
Spindle mount			Camlock D1-5
Spindle taper	MT		6
<b>Feed</b>			
Feed X-axis	in/R	(24)	0.00115 - 0.08012
Feed Z-axis	in/R	(24)	0.0016 - 0.11189
<b>Tapping</b>			
Tapping, metric	mm	(48)	0.2 - 14
Tapping, withworth	TPI	(56)	2 - 56
Tapping, diametric	DP	(32)	8 - 56
Tapping, module		(34)	0.2 - 3.5
<b>Tailstock</b>			
Tailstock quill diameter	in		2
Tailstock taper	MT		3
Tailstock quill stroke	in		5
<b>Drive Capacity</b>			
Motor rating main drive	Hp		2
<b>Measures and Weights</b>			
Overall dimensions (length x width x height)	in		75x30x60
Weight	lbs		1,430
Part No.			300814

- 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

## Standard Equipment

3-axis position indicator, 3-jaw chuck Ø 6", 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 1.8-2.3 in	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