



Turnado 230/1500 V is shown with 3-axis position indicator and infinitely variable speed

- **Extensive standard**
- **including 3-axis position indicator and stop spindle (fully assembled)**



Turnado V: Constant cutting speed for flawless surfaces

- Cost-effective, lasting value
- Practically arranged control panel with ergonomic layout of selection levers
- Camlock spindle mount D1-6
- Wide bed, ground and hardened
- Offset tailstock for taper turning
- Large number of thread leads
- Removable gap bridge for machining of large parts
- Stop spindle with adjustable travel stops
- **Turnado with infinitely variable speed adjustment**
- Back gearing, first-class control technology and a powerful headstock motor allow a wide range of speeds and high torque for powerful machining

- The extensive features of the X.Pos position indicator are complemented by a speed display and vconst (constant speed) function; during face turning, the spindle speed automatically adapts to the changing workpiece diameter - the constant cutting speed at the cutting edge of the turning tool ensures superior turning results with quality comparable to CNC lathes



Standard Equipment

3-axis position indicator, 3-jaw chuck, 4-jaw face chuck, face plate, quick tool changer head, quick change tool holder, coolant system, follow and steady rests, spindle, fixed splash guard (wall), chuck guard, foot brake pedal, LED work lamp, reducing sleeve, dead center, thread gauge, operating tools, operator instructions

Options

Part No.

• Quick-Set Spindle Bore Stop Size 9 3.1-3.6 inch	103025
• Oscillation element LK 6	103332
• 4-Jaw Lathe Chuck Steel 12 inch	146483

Large steady and follow rests are included

Specifications Turnado V

		230/1000	230/1500	230/2000t	280/1500	280/2000
Working Area						
Workpiece length (max.)	in	39	59	79	56	76
In-gap diameter over bed	in	18	18	18	22	22
Turning-Ø over support	in	9	9	9	14	14
Turning diameter over gap bridge	in	27	27	27	31	31
Gap bridge length	in	6	6	6	7	7
Bed width	in	12	12	12	14	14
Travels						
Travel X-axis	in	11.2	11.2	11.2	12.4	12.4
Travel Z1-axis	in	5	5	5	5	5
Swing range of top slide		±52° null	± 52° null	± 52° null	± 52° null	± 52° null
Headstock						
Spindle speeds	rpm	L 30-600 / H 600-3000	L 30-600 / H 600-3000	L 30-600 / H 600-3000	L 25-200 / H 200-1600	L 25-200 / H 200-1600
Spindle bore	in	2	2	2	3	3
Spindle mount		Camlock D1-6 null	Camlock D1-6 null	Camlock D1-6 null	Camlock D1-8 null	Camlock D1-8 null
Spindle taper	MT	6	6	6	7	7
Feed						
Feed X-axis	in/R	0.00055 - 0.03087	0.00055 - 0.03087	0.00055 - 0.03087	0.00079 - 0.02256	0.00079 - 0.02256
Feed Z-axis	in/R	0.00122 - 0.06693	0.00122 - 0.06693	0.00122 - 0.06693	0.00232 - 0.0648	0.00232 - 0.0648
Tapping						
Tapping, metric	mm	(47) 0.1 - 14	(47) 0.1 - 14	(47) 0.1 - 14	(47) 0.2 - 14	(47) 0.2 - 14
Tapping, diametric	DP	(50) 4-112	(50) 4-112	(50) 4-112	(50) 4-112	(50) 4-112
Tapping, module	in	(39) 0.0039 - 0.2756	(39) 0.0039 - 0.2756	(39) 0.0039 - 0.2756	(39) 0.0039 - 0.2756	(39) 0.0039 - 0.2756
Tapping, withworth	TPI	(60) 2-112	(60) 2-112	(60) 2-112	(60) 2-112	(60) 2-112
Tailstock						
Tailstock quill diameter	in	2	2	2	3	3
Tailstock taper	MT	4	4	4	5	5
Tailstock quill stroke	in	5	5	5	7	7
Tailstock traverse adjustment	in	± 0.5	± 0.51	± 0.51	± 0.47	± 0.47
Drive Capacity						
Motor rating main drive	Hp	10.1	10.1	10.1	10.1	10.1
Measures and Weights						
Overall dimensions (length x width x height)	in	87x43x53	109x43x53	128x43x53	112x46x58	132x46x58
Weight	lbs	3,784	4,334	4,620	5,214	5,984
Part No.		320570	320571	320575	320572	320573