



Lathe

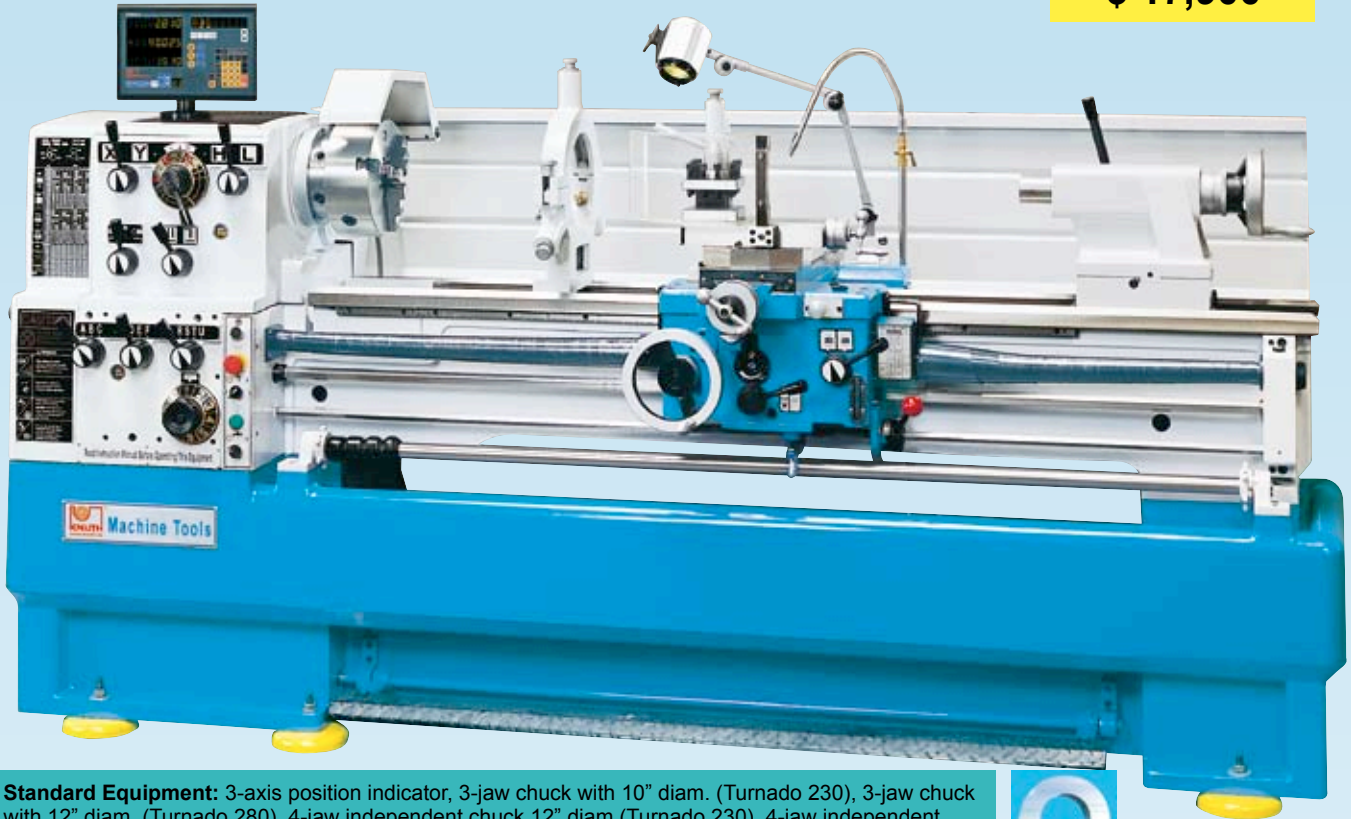
# Turnado 230 • 280

High-quality lead screw and feed shaft lathe in two designs: with manual transmission, or with infinitely variable speed adjustment and V const

including carriage stops

starting at

**\$ 17,900**



**Standard Equipment:** 3-axis position indicator, 3-jaw chuck with 10" diam. (Turnado 230), 3-jaw chuck with 12" diam. (Turnado 280), 4-jaw independent chuck 12" diam (Turnado 230), 4-jaw independent chuck 16" diam (Turnado 280), face place with 13" diam. (Turnado 230), face place with 18" diam. (Turnado 280), 4-station tool holder, coolant system, steady and follow rest, stop spindle, splatter guard, chuck guard, foot brakes, halogen work lamp, reducing sleeve, dead center, thread gauge, operating tools, operator manual



- Constant cutting speed ensures superior turning surface regardless of the part diameter
- infinitely variable spindle speed (Hi/Lo) and constant cutting speed

- Low Price and Lasting High Value
- control panel with ergonomically located levers
- Camlock D1-6 spindle mount
- wide bed is ground and hardened
- tailstock can be moved for taper turning
- large number of threads
- removable bridge for machining of large diameters
- carriage stop with four adjustable linear stops

Specifications Turnado	230 x 1000	230 x 1500	280 x 1500	280 x 2000	280 x 3000
center width	40"	60"	56"	76"	115"
max. turning diameter - over bed	18"		22"		
- over support	9"		14"		
- over bridge	27"		31"		
bridge length	6"		7"		
bed width	11"		14"		
spindle speeds (quantity/range) rpm	(12) 25 - 2000		(12) 25 - 1600		
V-const min.	L 30-400 / H 400-3000		L 25-200 / H 200-1600		
spindle bore	2.25"		3.1"		
spindle mount / taper	Camlock D1-6 / MT6		Camlock D1-8 / MT7		
longitudinal feeds "/rev	0.012 - 0.06		0.002 - 0.06		
transverse feeds "/rev	0.0006 - 0.03		0.0008 - 0.02		
max. cross-slide travel	11"		12"		
max. top-slide travel	5"		5"		
top-slide swivel range	± 52°		± 52°		
thread cutting- metric	(41) 0.004" - 0.5"		(47) 0.008" - .5"		
- Whitworth	(60) 2 - 112		(60) 2 - 112 TPI		
- module	(34) 0.004" - .3"		(39) 0.004" - 0.3"		
- diametric DP	(50) 4 - 112		(50) 4 - 112		
tailstock quill taper / Ø	MT 4 / 2.36"		MT 5		
tailstock quill stroke	5"		7"		
tailstock cross adjustment	± 5"		± 5"		
overall dimensions (LxWxH)	86"x42" x56"	108"x41" x54"	119"x46" x58"	132"x46" x58"	171"x46" x58"
weight lbs	3800	4350	5230	6000	7570
Part No. with position indicator	320 555	320 558	320 559	320 560	320 561
Price with position indicator \$	17,900	19,400	20,700	22,800	25,900
Part No. with position indicator & V-const	320 570	320 571	320 572	320 573	320 574
Price with position indicator & V-const \$	18,900	20,400	22,200	24,300	27,400

Position indicators... an absolute necessity for all machine tools. page 293

Cutting • Eroding

CNC Machining

Turning • Milling • Drilling

Saws

Grinding

Sheet Metal Work