



Lathe

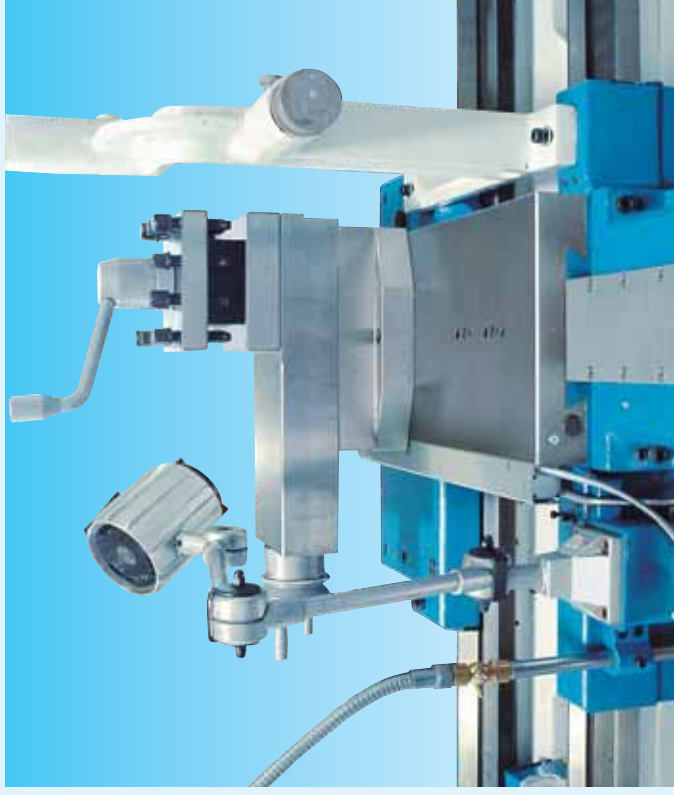
Sinus D

Precision Lathe with large center height and spindle bore of 4" , including taper turning and assembled 3-axis position indicator

- removable bridge (12.5") for machining of large parts with diameters up to 35"
- high precision and quiet operation even at maximum loads
- heavy, large bed
- hardened guideways (>HB 400)
- 4" spindle capacity for machining of large partsf
- manual central lubrication

- multi-disk clutch for soft starts when working with heavy parts
- automatic lubrication of headstock and main gears
- protected leadscrew
- overload protection for feed shaft and leadscrew
- rapid feed

Specifications Sinus	330/1500 D	330/2000 D	330/3000 D
center width	60"	80"	120"
max. turning diam. over bed	26"	26"	26"
max. turning diam. over support	17"	17"	17"
max. turning diam. w/o bridge	35"	35"	35"
bridge length	12.5"	12.5"	12.5"
bed width	16"	16"	16"
spindle speed (steps)	25 - 1600 (16)	25 - 1600 (16)	25 - 1600 (16)
spindle bore Ø	4"	4"	4"
spindle mount / taper	D1-8 / MT5	D1-8 / MT5	D1-8 / MT5
longitudinal feeds	(25) 0.002-0.06	(25) 0.002-0.06	(25) 0.002-0.06
transverse feeds	(25) 0.001-0.03	(25) 0.001-0.03	(25) 0.001-0.03
rapid feed (longit./transv)	158/79	158/79	158/79
max. cross-slide travel	14.5"	14.5"	14.5"
max. top-slide travel	9"	9"	9"
top-slide swivel range	45°	45°	45°
tapping - metric	(54) 0.02" - 4.75"	(54) 0.02" - 4.75"	(54) 0.02" - 4.75"
- Whitworth	(54) 0.44 - 80	(54) 0.44 - 80	(54) 0.44 - 80
- module	(46) 0.01"-2.25"	(46) 0.01"-2.25"	(46) 0.01"-2.25"
- diametric	(42) 0.88 - 160	(42) 0.88 - 160	(42) 0.88 - 160
tailstock taper / Ø	MT 5 / 3.5"	MT 5 / 3.5"	MT 5 / 3.5"
tailstock quill stroke	9.25"	9.25"	9.25"
tailstock cross adjustment	.5"	.5"	.5"
motor rating / voltage	HP 10	10	10
overall dimensions (LxWxH)	126"x49"x63"	146"x49"x63"	185"x49"x63"
weight	lbs 5960	6400	7280
Part No. incl. position indicator	300 010	300 011	300 012
Price with position indicator \$	20,400	20,900	23,700



Standard Equipment: 3-axis position indicator, 3-jaw chuck (12" diam.), 4-jaw chuck (15" diam.) face plate with 23" diam., dog plate, 4-station tool holder, up to 80" center width, includes splatter guard (wall); from 3000 mm upwards with splatter guard (moves along with support), coolant system, steady rest and follow rest, taper turning feature, chuck guard, halogen work lamp, reducing sleeves, dead centers, thread gauge, operating tools, operator manual