

Technical Specification

Particular	CY6250B	CY500L	CY600L
Swing over bed (mm)	500	500	660
Swing over cross slide (mm)	300	300	430
Swing in gap diameter (mm)	710	710	870
Length of gap (mm)	240	337	337
Bed width (mm)	390	390	390
Admit between centers (mm)	1000, 2000, 3000	1000, 1500, 2000, 3000, 4000, 5000	
Spindle Nose	D8	D8 (D11 Optional)	
Taper in spindle center	1:20		
Spindle bore (mm)	82	105	
No. of spindle speeds and range (rpm)	9 - 1600	6-1120 (24)	
Longitudinal feeds (mm/rev)	0.028 - 6.43	0.063 - 6.43	
Cross feeds (mm/rev)	0.12 - 2.73	0.027 - 2.73	
Lead screw dia (mm)	40		
Lead screw pitch (mm)	12, 2TPI (Inch System)	12	
Cutting tool max section (mm)	25 x 25	25 x 25	
Threads - Metric pitches (mm)	1 - 224 (48 Pitches)	1 - 224 (46 kinds)	
Threads - Imperial pitches (TPI)	72 - 1/8 (48 Pitches)	28 - 1/8 (45 kinds)	
Threads - Module pitches (MP)	0.5 - 112 (42 Pitches)	0.5 - 112 (42 kinds)	
Threads - Diametrical pitches (DP)	56 - 1/4 (45 Pitches)	56 - 1/4 (45 kinds)	
Cross slide travel (mm)	320	300	370
Compound rest travel (mm)	145	150	190
Longitudinal rapid traveling speed (m/min)	4.5	4.5	
Traversals rapid traveling speed (m/min)	1.9	1.9	
Sleeve diameter (mm)	75	75	
Morse taper of sleeve	MT5	MT5	
Max. travelling of sleeve (mm)	150	150	
Main drive motor (Kw)	7.5	7.5 (10hp)	
Rapid travel motor (W)	250	250W, 1360 rpm	
Coolant pump motor (W)	90	90W, 25 l/min	
Weight (Kg)	2540 onwards	2540 onwards	2800 onwards

* All above mentioned informations are subject to change. Because of product improvement.

Standard Accessories

3 Jaw Chuck, 4 Jaw Chuck, Steady Rest, Follow Rest, Face plate, Thread dial indicator, Live center, Centre Sleeve, Coolant Equipment, Foot brake system, Machine Lamp, Operation manual and Tool box.

Optional Accessories

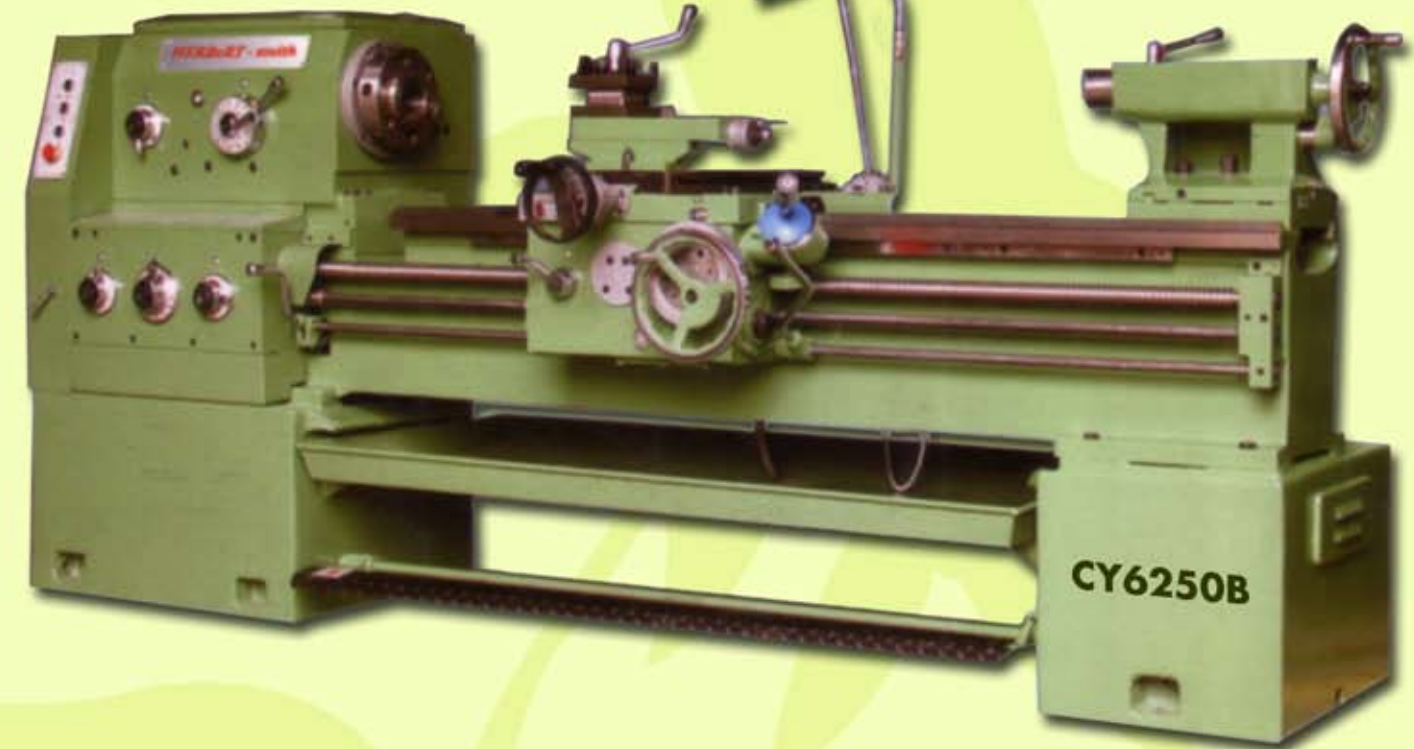
Taper turning attachment, Quick change tool post, Digital Read out (Position Indicators) system, Additional Steady and follow rest, Tool post grinder.



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