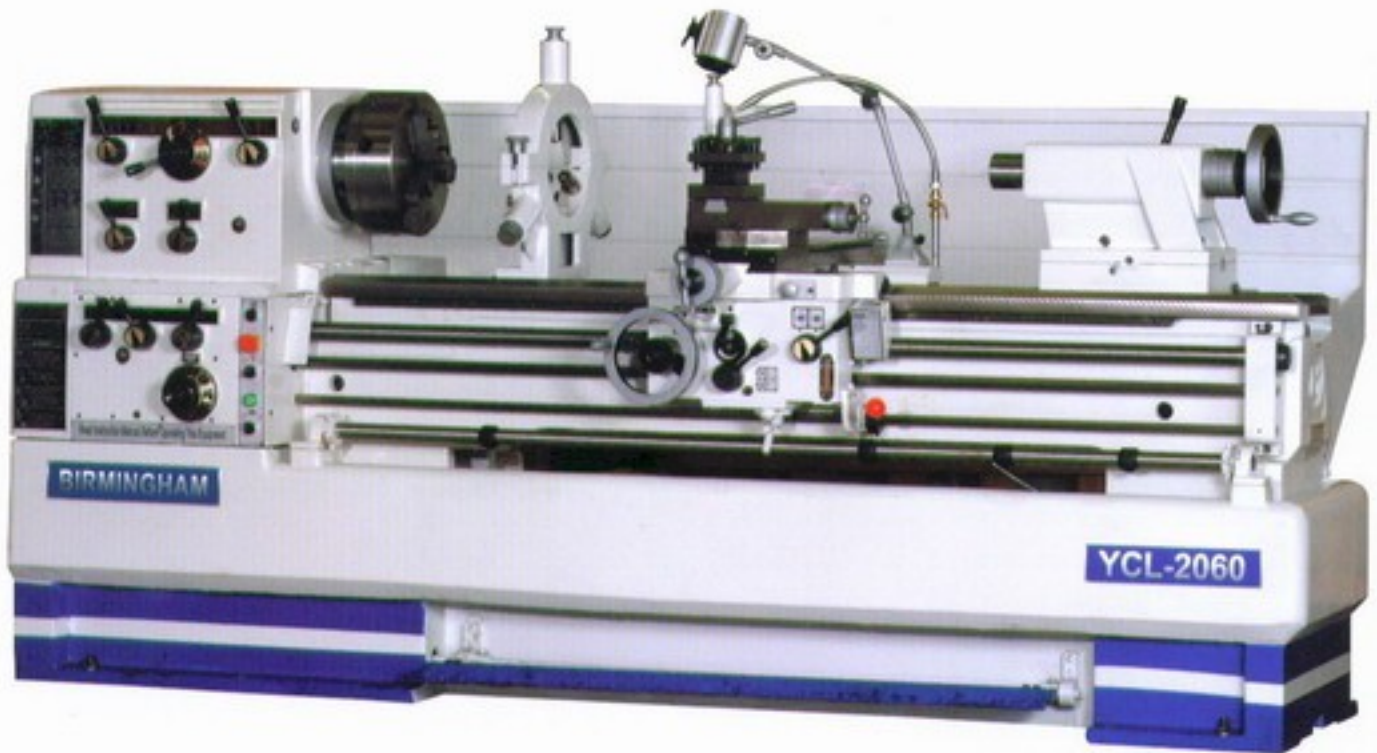


BIRMINGHAM

HIGH SPEED PRECISION GAP BED LATHES



YCL-2060/80/120
YCL-2260/80/120

FEATURES:

- 10 HP MAIN MOTOR
- ONE-PIECE CAST IRON BASE
- D1-8 SPINDLE WITH 3-1/8" BORE
- NO CHANGE GEARS REQUIRED
- 12 SPEEDS FROM 45-1,600 RPM
- 60 KINDS OF INCH THREADS FROM 112-2 TPI
- 47 KINDS OF METRIC THREADS FROM 0.2 - 14MM
- MAIN SPINDLE HARDENED & PRECISION GROUND
- BED MADE OF FINE GRAIN HIGH TENSILE CAST IRON
- BEDWAYS INDUCTION HARDENED & PRECISION GROUND
- ALL GEARS & SHAFTS HARDENED & PRECISION GROUND
- MAIN SPINDLE SUPPORTED AT 3-POINT BY PRECISION BEARINGS

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SPECIFICATIONS

ITEM / MODEL		YCL-2060	YCL-2080	YCL-20120	YCL-2260	YCL-2280	YCL-22120
CAPACITIES	Max. swing over bed	20"			22"		
	Distance between centers	60"	80"	120"	60"	80"	120"
	Max. effective cutting length	56"	75-1/2"	116"	56"	75-1/2"	116"
	Max. swing over cross slide	11-7/8"			13-3/4"		
	Max. swing in gap	29"			31"		
	Effective length in gap	6"					
	Width of bed	13-3/4"					
HEADSTOCK	Spindle Nose	D1-8					
	Diameter of spindle thru bore	3-1/8"					
	Taper of spindle center	M.T.#7 / M.T.#5					
	Spindle speeds, 12 steps	25,35,55,80,120,170,235,350,525,700,1100,1600rpm					
FEEDS & THREADS	Longitudinal feeds	35 Kinds, 0.0022" – 0.0612"/rev.					
	Cross feeds	35 Kinds, 0.00048" – 0.01354"/rev.					
	Metric threads	47 Kinds, 0.2 – 14mm					
	Inch threads	60 Kinds, 112 – 2 TPI					
	Module threads	39 Kinds, 0.1 – 7mm					
	Diametral pitch threads	50 Kinds, 4 – 112 DP					
CARRIAGE	Max. travel of cross slide	12-15/16"					
	Max. travel of top slide	5-1/8"					
	4-way tool post size	1" x 1"					
	Longitudinal leadscrew dia./pitch	Dia. 1-5/8" / 4 TPI					
TAILSTOCK	Diameter of tailstock quill	3"					
	Taper of tailstock quill center	M.T.#5					
	Max. travel of tailstock quill	7"					
MOTORS	Power of main motor	10HP, 230/460V/60HZ, 3 Phase Prewired 230V					
	Power of coolant pump	1/8HP, 230/460V/60HZ, 3 Phase Prewired 230V					
	Overall dimensions (LxWxH), approx.	114x46x57"	134x46x57"	154x46x57"	114x46x58"	134x46x58"	154x46x58"
	Net weight, LBS, approx.	5,200	5,900	7,500	5,200	6,000	7,600
	Gross weight, LBS, approx.	5,900	6,500	8,500	6,000	6,600	8,600

Design and specifications are subject to change without notice.

STANDARD EQUIPMENT:

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Follow Rest • 18" Face Plate • 6-1/2" Steady Rest w/Rollers • 12" 3-jaw Chuck • 16" 4-jaw Chuck • 10" Drive Plate • Operation & Parts Manuals | <ul style="list-style-type: none"> • Coolant System • Halogen Work Light • Removable Gap • 4-way Tool Post • Thread Chasing Dial • Hand Oil Pump for Ways • Rapid Trave (120" Only) | <ul style="list-style-type: none"> • (2) Dead Centers • Reducing Sleeve MT7/MT5 • Tool Kit with Tools • 4-position Automatic Kick-Out • Longitudinal Carriage Stop • Full Length Foot Brake • Full Length Splash Guard |
|---|--|---|

OPTIONAL EQUIPMENT:

- Taper Attachment
- Quick Tool Changer
- 5-C Lever Type Collet Closer
- Digital Readout
- 12" Steady Rest w/rollers

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