

# KENT INDUSTRIAL (USA) INC

KENT USA LA-3080/120/160 LATHE



## Outstanding Features:

- 15 HP Spindle Motor, 12-Speeds
- Precision Spindle with 3 Point Support
- 4.1" Spindle Through Hole
- Hardened and ground spindle gears and shafts; hardened and ground bedways
- Solid Full Length Casting Base
- Full-length Safety Foot Brake
- Spindle Jog Button Control
- One-shot/Auto Lubrication for Apron, Carriage, and Bed Ways
- Multi-position Adjustable Feed Position Stops
- Dual Inch/Metric Calibrated Tailstock Quill; Heavy Duty Two Speed Tailstock

LA-3080 Lathe  
LA-30120 Lathe  
LA-30160 Lathe

## PRICE INCLUDES:

3-jaw chuck (15"), Steady rest, Thread chasing dial, 4-position tool post, Coolant system with full-length splash guard, 3 Position carriage stop

## OPTIONAL ACCESSORIES:

DRO System 80" (2-axis, x=0.0001"/z=0.0005" res)\*  
DRO System 120" (2-axis, x=0.0001"/z=0.0005" res)\*  
DRO System 160" (2-axis, x=0.0001"/z=0.0005" res)\*  
DRO installation charge  
Aloris DA #5-SET (Tool Post and 6 holders)  
Royal spindle type live center (M.T. #5)  
BTC 3-jaw chuck w/back plate (Zero-set, 15" D1-11)  
4-jaw independent Chuck (20" D1-11)  
4-jaw independent Chuck (25" D1-11)  
Face plate (20" D1-11)  
Taper turning attachment\*  
Micrometer carriage stop  
Prolong Ultra-Cut coolant (2.5 gallon, mixes 1:30)

GENERAL SPECIFICATIONS: LA-3080/30120/30160

Capacity	Swing over bed ways	30" (760mm)
	Swing over cross slide	22" (560mm)
	Swing over gap	39.9" (1015mm)
	Gap length (w/ face plate)	10.625" (270mm)
	Bed width	15.75" (400mm)
	Distance between centers	78.75"/118"/157.5" (2000mm/3000mm/4000mm)
Headstock	Spindle hole	4.1" (104mm)
	Spindle nose camlock	D1-11
	Spindle to sleeve taper	MT#7 - MT#5
	Spindle speed	12 Steps, 13 - 1200 RPM
	Spindle speed ranges	(13,20,30,47,70,105,150,230, 340,530,800,1200)
Carriage	Bearing length on ways	21.5" (545mm)
	Cross slide width	8.625" (220mm)
	Cross slide travel	16" (400mm)
	Top slide (compound) travel	7.5" (190mm)
Feed Box	Thread capacity (inches)	44, 2 - 72 TPI
	Thread capacity (metric)	39, 0.2 - 14 MM
	Modular threads range	
	Diametral pitch range	
	Longitudinal feeds	0.0014 - 0.039 IPR
	Cross feeds	0.0007 - 0.0195 IPR
Tailstock	Quill diameter with tang	2.95" (75mm)
	Quill travel	7" (178mm)
	Quill taper	MT#5
Power	Main motor	15 HP
	Coolant pump motor	1/8 HP
	Control circuit voltage	115 V
Dimension	Shipping dimension (LxWxH)	138"/177"/217"x59"x71"
Weight	Net weight (approx)	7920/10120/11660 LBS
	Gross weight (approx)	8360/10560/12100 LBS

Power Requirement: 230 volts, 3-phase, 60 Hz, 50 Amp or  
460 volts, 3-phase, 60 Hz, 25 Amp