

SPECIFICATION

Unit: mm / inch

MODEL		LA-460 / 560			LG-460 / LG- 560		
		500	750	1000	1500	2000	
CAPACITY	Swing over bed	460 (18.11") / 560 (22.05")					
	Swing over cross slide	280 (11.02") / 380 (14.96")					
	Distance between centers	500 (19.69")	750 (29.53")	1000 (39.37")	1500 (59.06")	2000 (78.74")	
BED	Width of bed	317 (12.5")					
	Width of gap (spindle end face)	210 (8.27")					
	Length of bed	1490 (58.66")	1740 (68.5")	1990 (78.35")	2490 (98.03")	2990 (117.72")	
HEADSTOCK	Spindle bore diameter	Ø 52 (2.05")			A2-6 - ø70 mm (2.76") / D1-6 - ø62 mm (2.44")		
	Numbered of spindle speeds	8 steps			12 steps		
	Range of spindle speeds	80-1400 rpm			25-1800 rpm		
	Spindle nose	A1-6			A2-6 / D1-6		
CARRIAGE	Width of carriage	485 (19.09")					
	Cross slide travel	250 (9.84")					
	Top slide travel (Compound rest travel)	125 (4.92")					
	Tool shank	20x20 (0.79" x 0.79")					
TAILSTOCK	Diameter of barrel	Ø 52 (2.05")			Ø 52 (2.05")		
	Travel of barrel	140 (5.51")			140 (5.51")		
	Taper of barrel	M.T. 4					
THREADS	Lead screw dia.& pitch	Dia 35mm Pitch 6mm / Dia.1" x 4 T.P.I					
	Range of metric pitches	0.2-14 (41Nos)					
	Range of inch pitches	2-56 T.P.I. (37Nos)					
	Range of diametrical pitches	8-44 D.P. (21Nos)					
	Range of module pitches	0.3-3.5 M.P. (18Nos)					
FEEDS	Feed rod diameter	22 (0.87")					
	Range of longitudinal feeds	0.04 - 1.0 mm / rev					
	Range of cross feeds	0.04 - 1.0 mm / rev					
MOTOR	Main spindle motor	5 HP (3.75kw) OP: 7.5HP (5.625kw)					
	Coolant pump motor	1/8 HP (0.1kw)					
MEASUREMENT	N.W./G.W (approx)kgs	LA-460	1300 / 1500	1450 / 1650	1600 / 1800	1900 / 2100	2200 / 2400
		LA-560	1500 / 1700	1650 / 1850	1800 / 2000	2100 / 2300	2400 /2600
		LG-460	1400 / 1600	1550 / 1750	1700 / 1900	2000 / 2200	2300 / 2500
		LG-560	1600 / 1800	1750 / 1950	1900 / 2100	2200 / 2400	2500 / 2700
	Shipping dimensions (LxWxH)	LA/LG-460	1900X1000X1600	2150X1000X1600	2400X1000X1600	2900X1000X1600	3400X1000X1600
		LA/LG-560	1900X1000X1700	2150X1000X1700	2400X1000X1700	2900X1000X1700	3400X1000X1700
			The width of packing size with back splash guard: 1200 mm.				
	STANDARD COLOR		Upper part : RAL-7035 light gray + lower part : RAL-5015 blue				

★We reserve the right to modify and improve our products without notice.

Note: The spindle bore diameter will be reduced after changed to spindle nose D1-6.

STANDARD ACCESSORIES

1. XZ-axes auto. lubrication system

2. Metric / inch gear box

3. Coolant device

4. Longitudinal apron motion feed

5-1. Tailstock (for LA)

5-2. Tailstock two steps device (for LG)
- 6-1. 3-jaw scroll chuck 7" (for LA)

6-1. 3-jaw scroll chuck 9" (for LG)

7. Back plate of chuck

8. Steady rest 6"

9. Center sleeve

10. Dead center
11. Tool post screw wrench

12. Level pads

13. Tools & tool box

14. Operation manual

OPTIONAL ACCESSORIES

1. Follow rest

2. 4-jaw independent chuck 12"

3. Face plate 14"

4. Digital readout
5. Halogen light

6. Back splash guard

7. 3-Jaw strong scroll chuck(instead of 3-jaw scroll chuck)

8. Quick change tool post (instead of tool post)
9. CE equipment

10. Taper turning attachment

11. Grinder

12. Hydraulic copy attachment

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CE ISO 9001



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HIGH SPEED PRECISION LATHE

LA -460 / 560 x 500, 750, 1000, 1500, 2000

Spindle bore : 52mm (2.05") 8 steps speed : 80-1400 rpm



photo shown : LA-460X1000

HIGH SPEED PRECISION LATHE

LG -460 / 560 x 500, 750, 1000, 1500, 2000

Spindle bore : 70mm (2.76") 12 steps speed : 25-1800 rpm

<http://www.topdenver.com>



★ Large spindle bore ϕ 70mm (2.76") in all same type lathe, high hardness, for best heavy duty cutting.

★ 2 stage feeding device tailstock with patent design on gear tightening type for turning stability.

photo shown : LG-460X1000

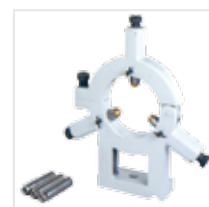
FEATURES : (for LA, LG)

- One piece Meehamite casting machine base.
- Metric & inch gear box with full range of inch, metric, DP, MP threading and multiple threads, all function is reached without change gear.
- Apron enforced oil supply with safety device is used to avoid collision.
- Bed ways & surface of compound rest have been ultra-frequency heat treated & ground to provide a longer life.
- Cross way feeding guides screw: 2points support for heavy cutting.
- Length safety foot brake.
- Dynamically balanced alloy spindle is adopted 3 points of bearing support.
- The gears in headstock and spindle are hardened & precision ground.

STANDARD ACCESSORIES



ST6
3-jaw scroll chuck



ST7
Steady rest 6"



ST12
Tools & tool box

OPTIONAL ACCESSORIES



OP1
Follow rest



OP2
4-jaw independent chuck 12"



OP3
Face plate 14"



OP4
Digital readout



OP5
Halogen light



OP6
Back splash guard



OP7
3-Jaw strong scroll chuck