

SPECIFICATION

Unit: mm / inch

MODEL	LV-460 / 560		LA-460 / 560		LG-460 / LG-560		
	500	1000	1500	2000			
CAPACITY	Swing over bed	460 (18.11") / 560 (22.05")					
	Swing over cross slide	290 (11.41") / 390 (15.35")					
	Distance between centers	500 (19.69")	1000 (39.37")	1500 (59.06")	2000 (78.74")		
BED	Swing over gap	674 (26.54")					
	Width of bed	317.5 (12.5")					
	Width of gap (spindle end face)	238 (9.37")					
	Length of bed	1490 (58.66")	1990 (78.35")	2490 (98.03")	2990 (117.72")		
HEADSTOCK	Spindle bore diameter	Ø 52 (2.05")		Ø 70 (2.76")			
	Numbered of spindle speeds	2 steps for variable speed		8 steps		12 steps	
	Range of spindle speeds	30-1800 r.p.m. for variable speed		80-1400 rpm		25-1800 rpm	
	Spindle nose	A1-6		A1-6		A2-6	
CARRIAGE	Width of carriage	430 (17")					
	Cross slide travel	250 (9.84")					
	Top slide travel (Compound rest travel)	125 (4.92")					
	Max. size cutting size	20x20 (0.79"x0.79")					
TAILSTOCK	Diameter of barrel	Ø 52 (2.05")		Ø 56 (2.2")			
	Travel of barrel	140 (5.51")		150 (5.9")			
	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	0.5 - 7.0 (22Nos)		0.2-14 (41Nos)			
	Range of inch pitches	4 - 56 T.P.I. (36Nos)		2-72 T.P.I. (46Nos)			
	Range of diametrical pitches	8-112 D.P. (36Nos)		8-44 D.P. (21Nos)			
	Range of module pitches	0.25-3.5 M.P. (14Nos)		0.3-3.5 M.P. (18Nos)			
FEEDS	Feed rod diameter	28 (1.1")		22 (0.87")			
	Range of longitudinal feeds	0.05 - 0.7 mm/rev (0.0197"-0.0276" in/rev)		0.04 -1.0 mm/rev (0.00157" - 0.0394" in / rev)			
	Range of cross feeds	0.025-0.35 mm/rev (0.001"-0.0138" in/rev)		0.0015 - 0.04 mm/rev (0.000059" - 0.00157" in / rev)			
MOTOR	Main spindle motor	5 HP (3.75kw)					
	Coolant pump motor	1/8 HP (0.1kw)					
MEASUREMENT	LV/LA-460	1300 / 1500	1600 / 1800	1900 / 2100	2200 / 2400		
	N.W./G.W (approx)kgs	1500 / 1700	1800 / 2000	2100 / 2300	2400 / 2600		
	LG-460	1400 / 1600	1700 / 1900	2000 / 2200	2300 / 2500		
	LG-560	1600 / 1800	1900 / 2100	2200 / 2400	2500 / 2700		
	Shipping dimensions (LxWxH)	1700X1000X1600	2200X1000X1600	2700X1000X1600	3200X1000X1600		
	LV/LA/LG-560	1700X1000X1700	2200X1000X1700	2700X1000X1700	3200X1000X1700		
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.

STANDARD ACCESSORIES

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|--|---|----------------------------|
| 1. XZ-axes auto. lubrication system | 6-1.3-jaw scroll chuck 7" (for LV / LA) | 11. Tool post screw wrench |
| 2. Metric / inch gear box | 6-1.3-jaw scroll chuck 9" (for LG) | 12. Level pads |
| 3. Coolant device | 7. Back plate of chuck | 13. Tools & tool box |
| 4. Longitudinal apron motion feed | 8. Steady rest 6" | 14. Operation manual |
| 5-1. Tailstock (for LV / LA) | 9.Center sleeve | |
| 5-2. Tailstock two steps device (for LG) | 10. Dead center | |

OPTIONAL ACCESSORIES

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|--------------------------------|--|-------------------------------|
| 1. Follow rest | 5. Halogen light | 9. CE equipment |
| 2. 4-jaw independent chuck 12" | 6. Back splash guard | 10. Taper turning attachment |
| 3. Face plate 14" | 7. 3-Jaw strong scroll chuck (instead of 3-jaw scroll chuck) | 11. Grinder |
| 4. Digital readout | 8. Quick change tool post (instead of tool post) | 12. Hydraulic copy attachment |

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