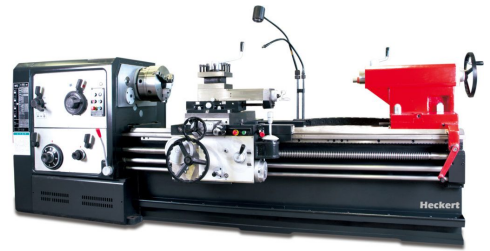


MANUAL LATHES ML SERIES

STANDARD FEATURES

- Complex body casting with a combination of both box and angular internal ribbing. Bed structure is at least 1/3 more rigid than machines of common design
- The underside of guide way is coated with TSF anti-friction material, helping the lathes achieve easier movement and longer service life
- Convenient and concentrated operation design with rapid feeding device
- Max. 130mm(5") of spindle bore can be supplied to enlarge the capacity of machining
- Flexible configuration to meet customer's requirement in different countries such as North America, CE of Europe, CSA/UL
- Aesthetic appearance easy maintenance
- Inside of the headstock has a forced lubrication system that uses hydraulic oil, as result all moving parts are constantly lubricated
- Separate coolant system is included with the machine



TECHNICAL SPECIFICATIONS

TABLE	UNITS	ML 630/800	ML 930/1100
Max. Swing over bed	mm in	630/800 24.8/31.4	930/1100 36.1/43.3
Max. Swing over carriage	mm in	350/480 13.7/18.8	650/900 25.5/35.4
Max. Swing in gap	mm in	800/1100 31.4/43.3	1100/1300 43.3/51.1
Effective gap length	mm in	300/310 11.8/12.2	300/310 11.8/12.2

Max. Length of work piece	mm in	1500/3000/4000/5000 60/120/160/200	1500/3000/4000/5000 60/120/160/200
Spindle bore and nose	mm in	104/130 4/5.1	104/130 4/5.1
Taper of spindle nose	-	120/140/Morse No 5	120/140/Morse No 5
Steps and range of longitudinal feeds	-	64 steps;0. 05-24.3mm/r	64 steps;0. 05-24.3mm/r
Longitudinal and cross feed rate	-	2-Jan	2-Jan
Rapid speed of carriage	mm/min	4000 157.4	4000 157.4
Pitch of lead screws	mm in	12 1/2	12 1/2
Number & range of metric thread	-	50 types 1-240mm(Additional 14 types for irregular type of threads)	50 types 1-240mm(Additional 14 types for irregular type of threads)
Number & range of whit worth thread	-	26 types 14-1 T.P.I	26 types 14-1 T.P.I
Number &range of module thread	-	53 types 0.5-120mm	53 types 0.5-120mm
Number & range of diametrical thread	-	24 types 28-1 T.P.I – 26 types 14-1 T.P.I	24 types 28-1 T.P.I
Max. Cross travel of lower slide	mm in	315/500 12.4/19.6	500 19.6
Max. Travel of top slide	mm in	200 7.8	200 7.8
Max. Travel of quill of tailstock	mm in	250 9.8	250 9.8
Taper of quill of tailstock	-	MT5	MT5
Width and hardness of bed	mm in	550/600/RC52 21.6/23.6	600/RC52 23.6
Main motor power	kw hp	11 – 15 14.7 – 20.1	11 – 15 14.7 – 20.1
Rapid motor power	kw hp	1.1 1.47	1.1 1.47
Coolant motor power	-	90w	90w
Width & height of machine (W x H)	mm in	1380×1450 54.3/57.08	1560/1900 61.4/74.8
Net weight/Gross Weight 3000mm 4000mm 5000mm	kg lb	4700-8800 3700-6800	5200-9200 11464-20282