MACH
MACHINE TOOLS

REVOLUTIONARY STUFF!

HIGH-PERFORMANCE MACH L-1340, MACH L-1550 AND MACH L-1800 MANUAL LATHE SERIES.

Our MACH L-1340/L-1550 and L-1860/1880 lathes deliver outstanding accuracy and class-leading performance, and are able to run rings around the competition.

Built to last, the machines in the range are all supplied, as standard, with an awesome range of features, and are competitively priced and technically outstanding.

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As is the case with all MACH machine tools, these manual lathes are supplied with an impressive range of technology features:

- **Fixed and travelling steadies**
- **Face plates**
- **3- and 4-jaw scroll chucks**
- **Quick-change Tool Posts**
- **Newall DP 500 Digital read-out controls.**

MACHINE SPECIFICATIONS

	MACH L-1340	MACH L-1550	MACH L-1800 SERIES
CENTRE HEIGHT:	171 mm (6.7 in)	190 mm (7.5 in)	Up to 231 mm (9.1 in)
SWING OVER BED:	342 mm Dia (13.5 in)	387 mm Dia (15.2 in)	Up to 462 mm Dia (18.2 in)
SWING IN GAP:	512 mm (20.2 in)	610 mm (24.0 in)	Up to 710 mm (28.0 in)
SWING OVER CROSS SLIDE:	205 mm Dia (8.1 in)	238 mm Dia (9.4 in)	Up to 298 mm Dia (11.7 in)
DISTANCE BETWEEN CENTRES:	1000 mm (39.4 in)	1250 mm (49.2 in)	1000 mm/1500 mm/2000 mm (39.4/59.1/78.7 in)
WIDTH OF BED:	230 mm (9.1 in)	280 mm (11.0 in)	Up to 345 mm (13.6 in)
LENGTH OF GAP IN FRONT OF FACE PLATE:	150 mm (5.9 in)	265 mm (10.4 in)	Up to 250 mm (9.8 in)
SPINDLE NOSE:	D1-4 x MT No 5	D1-6 x MT No 6	D1-8
SPINDLE BORE:	40 mm (1.6 in)	56 mm (2.2 in)	80 mm (3.1 in)
SPINDLE SPEEDS:	16 Step/8 ranges: 50-2570 rpm	16 Steps/4 ranges: 25-2000 rpm	16 Steps 20-1600 rpm
CARRIAGE LENGTH:	400 mm (15.7 in)	484 mm (19.1 in)	Up to 542 mm (21.3 in)
CROSS SLIDE TRAVEL:	180 mm (7.1 in)	235 mm (9.3 in)	Up to 272 mm (10.7 in)
COMPOUND SLIDE TRAVEL:	100 mm (3.9 in)	120 mm (4.7 in)	Up to 137 mm (5.4 in)
WHITWORTH THREADS:	x 45/2-72 TPI	x 45/2-72 TPI	x 38/2-72 TPI
METRIC THREADS:	x 39/0.2-14 mm	x 39/0.2-14 mm	x 40/0.4–14 mm
DP THREADS:	x 21/8-44 DP	x 21/8-44 DP	x 21/8-44 DP
MP THREADS:	x 18/0.3-3.5 MP	x 18/0.3-3.5 MP	x 18/0.3-3.5 MP
LONGITUDINAL FEEDS:	0.05-1.7 mm (0.002-0.067 in)	0.04-1.0 mm (0.0016-0.039 in)	0.04-1.0 mm (0.0016-0.039 in)
CROSS FEEDS:	0.025-0.85 mm (0.001-0.033 in)	0.02-0.5 mm (0.0008-0.020 in)	0.02-0.5 mm (0.0008-0.020 in)
TAILSTOCK QUILL DIA:	50 mm (2.0 in)	59 mm (2.3 in)	Up to 76 mm (3.0 in)
QUILL TRAVEL:	112 mm (4.4 in)	127 mm (5.0 in)	Up to 165 mm (6.5 in)
QUILL TAPER:	MT No 3	MT No 4	MT No 5
MOTOR:	2.2 kW (5HP) AC type	5.5 kW (7.5HP) AC type	10 HP (7.5 kW)
COOLANT PUMP:	0.25 HP (0.19 kW)	0.25 HP (0.19 kW)	0.25 HP (0.19 kW)
WEIGHT:	1200 kg (2646 lb)	1450 kg (3197 lb)	2000 kg/2350 kg/2700 kg (4409/5181/5952 lb)
SIZE L x W x H	2270 x 965 x 1900 mm (89 x 38 x 75 in)	2580 x 1120 x 1745 mm (102 x 44 x 69 in)	Up to 3535 x 1120 x 1745 mm (139 x 44 x 69 in)
EQUIPMENT INCLUDED:	Fixed and travelling steady; face plate; 3 and 4 jaw scroll chucks; Quick-change tool post; Newall DP 500 Digital-read out control		
OPTIONS AVAILABLE:	5C Collet Adaptor; Newall DP 700 Digital-read out control; Taper turning attachment; Live centre MT No 4		

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