

# AMTS



## MACHINE SPECIFICATION

TECHNICAL SPECIFICATION	
Capacity	
Swing over bed	410mm(16")
Swing over cross slide	255mm(10")
Swing in gap diameter x width	580(22")x190(7 ½")
Center height	205mm(8")
Distance between centers	1000mm(40")
Bed width	250mm(10")
Cutting tool max section	20x20mm(3/4"x3/4")
Total travel of cross slide	210mm(8 ½")
Total travel of top slide	140mm(5 ½")
Headstock	
Spindle bore	52mm(2")
Spindle nose	D1-6
Spindle morse taper in bore	M.T.No. 6
Spindle speeds number	16
Spindle speeds range	45-1800R.P.M
Thread & feeds	
Leadscrew diameter & threads	28mm x 6mm orT.P.I
Threads imperial pitches	2-72T.P.I(45Nos)
Threads metric pitches	0.2-14mm(39Nos)
Longitudinal feeds imperial	0.002"-0.067"Rev(17Nos)
Longitudinal feeds metric	0.05-1.7../Rev(17Nos)
Cross feed imperial	0.001"-0.0335"/Rev(17Nos)
Cross feed metric	0.025-0.85mm/Rev(17Nos)
Range of module pitches	0.3-3.5MP(18Nos)
Range of diametral pitches	8-44DP(21Nos)
Tailstock	
Total travel of tailstock quill	120mm(4 ¾")
Tailstock quill diameters	50mm(2")
Taper in tailstock quill	M.T.No.4
Motors	
Spindle drive motor	3PH 3.3/2.2kw
Coolant pump motor	3PH 90W
Weight & Measures	
Machine space requires (LxWxH)	194cm x 85cm x 132cm
Packing case dimensions (LxWxH)	206(81")x90(35 7/15")x164cm(64 9/16")
Net weight	1350kg
Gross weight	1555k