

# ALPHA XT

## *The Ultimate Turning Machines*

### Specifications

	Alpha 1350XT	Alpha 1400XT	Alpha 1460XT	Alpha 1550XT
Distance between centers	650mm (25")	1250mm (50")	1500mm (60")	2000mm (80") or 3000mm (120")
Saddle stroke Z-Axis Max	556mm (21-7/8")	1156mm (45-1/2")	1510mm (60")	2010mm (79-1/8")
Swing over bed	350mm (13-3/4")	400mm (15-3/4")	460mm (18-3/8")	554mm (21-3/4")
Swing in gap	535mm (21")	585mm (23")	730mm (28-3/4")	830mm (32-5/8")
Gap width from faceplate	165mm (6-1/2")	165mm (6-1/2")	216mm (8-1/2")	216mm (8-1/2")
Swing over cross-slide	196mm (7-3/4")	246mm (9-5/8")	270mm (10-5/8")	370mm (14-1/2")
Spindle bore	42mm (1-5/8")	55mm (2-1/8")	78mm (3-1/16")	104mm (4-1/8")
Spindle nose	Camlock D1-4"	Camlock D1-6"	Camlock D1-8"	Camlock D1-11"
Taper in nose bush	No. 3 MT	No. 4 MT	No. 5 MT	No. 5 MT
Low range	1 to 366rpm	1 to 297rpm	1 to 247rpm	1 to 224rpm
Medium range	1 to 1088rpm	1 to 861rpm	1 to 740rpm	1 to 672rpm
High range	1 to 3500rpm	1 to 2700rpm	1 to 2200rpm	1 to 2000rpm
Main motor	7.5kW (10HP)	7.5kW (10HP)	11kW (15HP)	11kW (15HP)
Constant power range	86-3500rpm	69-2700rpm	67-2200rpm	64-1970rpm
Tailstock quill travel	140mm (5-3/4")	140mm (5-1/2")	145mm (5-5/8")	145mm (5-5/8")
Tailstock quill diameter	63mm (2-1/2")	73mm (2-7/8")	95mm (3-3/4")	95mm (3-3/4")
Tailstock taper	No. 4 MT	No. 5 MT	No. 6 MT	No. 6 MT
Electrical supply required	22kVA	22kVA	24kVA	24kVA
Floor to spindle centre	1061mm (41")	1086mm (42")	1145mm (44-3/4")	1195mm (46-3/4")
Overall length	2400mm (74-3/4")	2900mm (101")	1500mm (60")	2000mm (80") 4100mm (166")
Overall width	1700mm (67")	1700mm (67")	2000mm (78-3/4")	2000mm (78-3/4")
Overall height	1500mm (59")	1500mm (59")	1750mm (69")	1750mm (69")
Overall weight (net)	1800kg	2200kg	3200kg	3600kg 4000kg

Illustrations and specifications are not binding in detail. The designs are subject to modification and improvement without notice. Workpiece capacity and machinable lengths and diameters will vary and may be reduced below maximum depending on workholding and tooling used. Not all the features described in the brochure are relevant to all machines in the range.