APT INTERNATIONAL

Technical datasheet

A.07 1641 *07

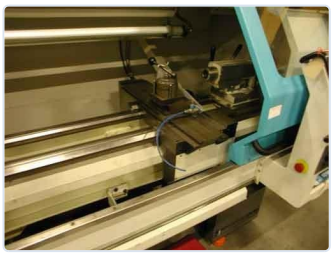
23/11/2026

CNC LATHES

Colchester combi 2000

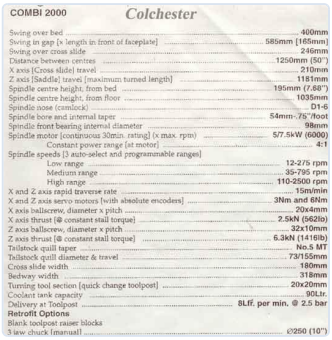
Brand: Colchester · Type: combi 2000










COMBI 2000 Colchester

Swing over bed	400mm
Swing in gap [x length in front of faceplate]	585mm [165mm]
Swing over cross slide	246mm
Distance between centres	1250mm (50")
X axis [Cross slide] travel	210mm
Z axis [Saddle] travel [maximum turned length]	1181mm
Spindle centre height, from bed	195mm (7.68")
Spindle centre height, from floor	1035mm
Spindle nose (camlock)	D1-6
Spindle bore and internal taper	54mm-75 °foot
Spindle front bearing internal diameter	98mm
Spindle motor [continuous 30min. rating] (x max. rpm)	5/7.5kW (6000)
Constant power range [at motor]	4:1
Spindle speeds [3 auto-select and programmable ranges]	
Low range	12-275 rpm
Medium range	35-795 rpm
High range	110-2500 rpm
X and Z axis rapid traverse rate	15m/min
X and Z axis servo motors [with absolute encoders]	3Nm and 6Nm
X axis ballscrew, diameter x pitch	20x4mm
X axis thrust [@ constant stall torque]	2.5kN (562lb)
Z axis ballscrew, diameter x pitch	32x10mm
Z axis thrust [@ constant stall torque]	6.3kN (1416lb)
Tailstock quill taper	No.5 MT
Tailstock quill diameter & travel	73/155mm
Cross slide width	180mm
Bedway width	318mm
Turning tool section [quick change toolpost]	20x20mm
Coolant tank capacity	90Ltr.
Delivery at Toolpost	8Ltr. per min. @ 2.5 bar
Retrofit Options	
Blank toolpost raiser blocks	
3 jaw chuck [manual]	∅250 (10")

CNC LATHES

Swing over bed	**400 (585 in gap)**	Distance centre tot centre	**1250 mm**
Max longitudinal travel Z-axis	**1181 mm**	Max cross travel X-axis	**210 mm**
Number of speeds	**3 auto-select**	Command	**Fanuc GE 210 I-T**

DESCRIPTION

All specification below (click to enlarge)

PRICE

Price on request

Request a quote

CONTACT

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