



ROMI

CNC TEACH LATHES

ROMI C 420

Easy to learn CNC with conversational programming
No G-code experience necessary



Integrated hardened and ground guideways

CE-compliant fully enclosed splash guard

Patented movable control apron with handwheels for manual operation

Heavy-duty machine structure made of high quality cast iron



| ROMI C 420 | ROMI C 510 | ROMI C 620 | ROMI C 680 | ROMI C 830 | ROMI C 1000 | ROMI C 1000BB

Standard Features

- 12.5-Horsepower AC main motor (Continuous)
- 4,000-rpm (A2-5") or 3,000-rpm (A2-6")
- Advanced intuitive programming system
- USB, Ethernet and Compact Flash ports
- CE Fully enclosed splash guard
- 3 Mb Program memory
- Cross slide, tool-post ready
- 2-electronic hand wheels with Teach-in mode

Plus...

- Tailstock with adjustable quill
- Spindle orientation
- Coolant pump kit
- Rigid tapping
- User-created macros
- Thread repair
- 200-480VCA power supply
- 24 months control warranty (parts and labor).

Options | partial list

- Manual, Hydraulic or Pneumatic chuck
- 8-Station automatic turret
- Tool post / tool holders
- Hydraulic or Pneumatic tailstock quill
- Steady rests
- Upgrade to chip conveyor hinged belt
- Robot interface
- Remote diagnosis



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Specifications subject to change without notice



CNC Lathes from ROMI C Series are machines with great versatility for machining different types of parts, with great levels of power, quick movements and machining accuracy.

The robust structure provides the rigidity and stability needed to achieve the best performance over a wide variety of machining conditions.

State of the Art Performance and Reliability

The ultimate in accuracy - control equipped with 80-bit NANOPF accuracy.

Guideways - hardened and ground to ensure high wear resistance. Its self adjusting system assures permanent contact between the cross slide and the machine bed.

Movable Apron - offers the operator the convenience preferred during Manual machining or during setup.



Capacities	INCH	METRIC
Center Heights	8.5 in	215 mm
Distance Between Centers	39.4 in	1,000 mm
Swing Over Bed	16.9 in	430 mm
Swing Over Cross Slide	7.9 in	200 mm
Swing Over Saddle Wings	15.7 in	400 mm
Slide Travel In / Out (X-Axis)	8.7 in	220 mm
Linear Carriage Travel (Z-Axis)	41.9 in	1,065 mm
Bed		
Width	12.0 in	305 mm
Height	13.8 in	350 mm
Headstock		
Spindle Nose	A2-5"	A2-5"
Spindle Bore	2.09 in	53 mm
Recommended Chuck Size Up To	8.27 in	210 mm
Speed Ranges	4 to 4,000 rpm	4 to 4,000 rpm
ID Spindle Bearing	3.35 in	85 mm
Spindle Nose	A2-6"	A2-6"
Spindle Bore	2.56 in	65 mm
Recommended Chuck Size Up To	10.00 in	254 mm
Speed Ranges	3 to 3,000 rpm	3 to 3,000 rpm
ID Spindle Bearing	4.13 in	105 mm
Feeds		
Rapid Traverse (Z-Axis)	394 ipm	10 m/min
Rapid Traverse (X-Axis)	394 ipm	10 m/min
Manual Tailstock		
Tailstock Positioning	Manual	
Quill Drive	Manual, Opt. Pneumatic or Hydraulic	
Maximum Quill Stroke	4.72 in	120 mm
Quill Diameter	2.36 in	60 mm
Quill Taper Hole	4 MT	4 MT
Installed Power		
AC Main Motor	12.5 HP	9.3 kW
Power Supply		
	200 to 480V, 3Phase, 40kVA	
Floor Space		
	122 x 49 in	3.10 x 1.24 m
Weight		
	5,500 lbs	2,500 kg