



ROMI®

CNC TEACH LATHES

ROMI C 620

Integrated hardened and ground guideways

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



Heavy-duty machine structure
made of high quality cast iron

CE-compliant fully
enclosed splash guard



| ROMI C 420

| ROMI C 510

| ROMI C 620

| ROMI C 680

| ROMI C 830

| ROMI C 1000

| ROMI C 1000BB

Standard Features

- 25-Horsepower AC main motor
- 1,800-rpm (A2-8")
- 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).

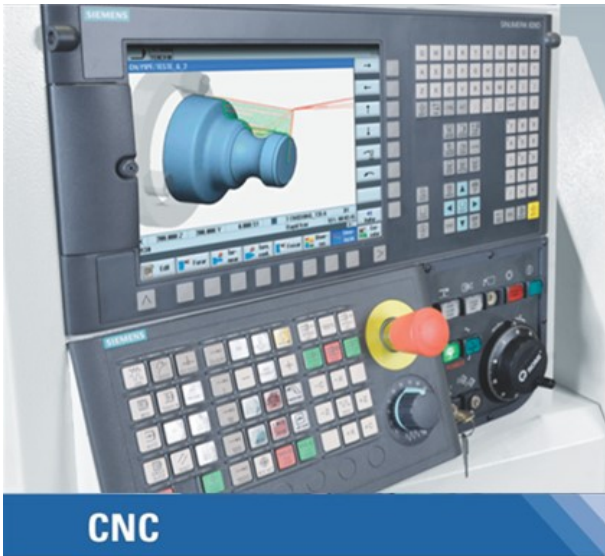
Options | partial list

- Manual or Hydraulic chuck
- 4-station and 8-Station automatic turrets
- Tool post / tool holders
- Hydraulic 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	12.2 in	310 mm
Distance Between Centers	40 in / 80 in	1,000 mm / 2,000 mm
Swing Over Bed	24.4 in	620 mm
Swing Over Cross Slide	13.6 in	346 mm
Swing Over Saddle Wings	21.3 in	540 mm
Slide Travel In / Out (X-Axis)	14.2 in	360 mm
Linear Carriage Travel (Z-Axis)	40.4 in / 79.7 in	1,025 mm / 2,025 mm

Bed	INCH	METRIC
Width	15.0 in	380 mm
Height	15.7 in	400 mm

Headstock	INCH	METRIC
Spindle Nose	A2-8"	A2-8"
Spindle Bore	4.09 in	104 mm
Recommended Chuck Size Up To	19.69 in	500 mm
Speed Ranges	1 to 1,800 rpm	1 to 1,800 rpm
ID Spindle Bearing	5.91 in	150 mm

Feeds	INCH	METRIC
Rapid Traverse (Z-Axis)	315 ipm	8 m/min
Rapid Traverse (X-Axis)	315 ipm	8 m/min

Manual Tailstock	INCH	METRIC
Tailstock Positioning	Manual	
Quill Drive	Manual or Opt. Hydraulic	
Maximum Quill Stroke	7.09 in	180 mm
Quill Diameter	3.94 in	100 mm
Quill Taper Hole	5 MT	5 MT

Installed Power	INCH	METRIC
AC Main Motor	25.0 HP	18.7 kW

Power Supply	INCH	METRIC
	200 to 480V, 3Phase, 40kVA	

Dimensions and weight	INCH	METRIC
Floor space - 40" / 1 m bed	152 x 82 in /	3.85 x 2.08 m /
Floor space - 80" / 2 m bed	191 x 82 in /	4.85 x 2.08 m /
Approx. net weight - 40" / 1 m bed	11,000 lbs /	5,000 kg /
Approx. net weight - 80" / 2 m bed	12,210 lbs	5,550 kg