



# ROMI

## CNC TEACH LATHES

# ROMI C 510

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

Integrated hardened and ground guideways

CE-compliant fully enclosed splash guard



Heavy-duty machine structure made of high quality cast iron

Patented movable control apron with handwheels for manual operation



ROMI C 420

ROMI C 510

ROMI C 620

ROMI C 680

ROMI C 830

ROMI C 1000

ROMI C 1000BB

### Standard Features

- 15-Horsepower AC main motor (Continuous)
- 3,000-rpm (A2-6") or 2,200-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).

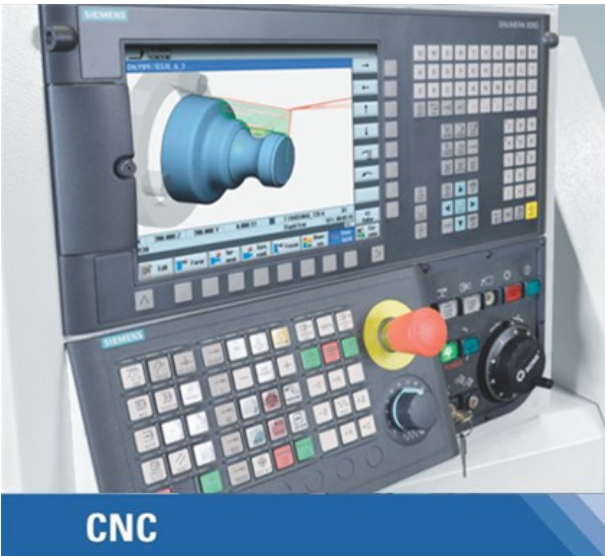
### Options | partial list

- Manual, 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



ROMI Machine Tools, Ltd. | [www.romiusa.com](http://www.romiusa.com) | (859) 647-7566

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 NANOFP 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.



<b>Capacities</b>	<b>INCH</b>	<b>METRIC</b>
Center Heights	10.2 in	260 mm
Distance Between Centers	59.1 in	1,500 mm
Swing Over Bed	20.5 in	520 mm
Swing Over Cross Slide	10.0 in	255 mm
Swing Over Saddle Wings	17.7 in	450 mm
Slide Travel In / Out (X-Axis)	11.0 in	280 mm
Linear Carriage Travel (Z-Axis)	61.2 in	1,555 mm
<b>Bed</b>		
Width	13.4 in	340 mm
Height	13.2 in	336 mm
<b>Headstock</b>		
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
Spindle Nose	A2-8"	A2-8"
Spindle Bore	3.15 in	80 mm
Recommended Chuck Size Up To	15.75 in	400 mm
Speed Ranges	2 to 2,200 rpm	2 to 2,200 rpm
ID Spindle Bearing	4.13 in	105 mm
<b>Feeds</b>		
Rapid Traverse (Z-Axis)	394 ipm	10 m/min
Rapid Traverse (X-Axis)	394 ipm	10 m/min
<b>Manual Tailstock</b>		
Tailstock Positioning	Manual	
Quill Drive	Manual, Opt. Pneumatic or Hydraulic	
Maximum Quill Stroke	5.12 in	130 mm
Quill Diameter	3.15 in	80 mm
Quill Taper Hole	4 MT	4 MT
<b>Installed Power</b>		
AC Main Motor	15.0 HP	11.2 kW
<b>Power Supply</b>		
	200 to 480V, 3Phase, 40kVA	
<b>Floor Space</b>		
	148 x 66 in	3.75 x 1.68 m
<b>Weight</b>		
	8,250 lbs	3,750 kg