

# widcnc R200 ATC

## TECHNICAL DATA SHEET

IDENTIFICATION	
Designation	CNC machine
Brand	widcnc
Model	R200 ATC
Function	Computer numerical control machine, used for cutting and milling various materials. With automatic tool changing.

CHARACTERISTICS	
Working Area	2050 x 3050 mm
Installation Area (W*L*H) *	3950 *4450*2500 mm
Electrical Requirements	380V AC F+N+T 50/60Hz, 32A
Weight	1750 Kg
Maximum Speed (X/Y Axis)	< 50m/min
Maximum Speed (Z Axis)	< 15 m/min
Repetition Precision	± 0.03mm
Positioning Precision	± 0.05mm
Maximum motor rotation	< 24.000 RPM
Interface	10/100 Ethernet and USB
Working Temperature	10-40 °C
Relative Humidity	10-80% without condensation
Noise Emission	<85 dB (depending on the material/ tool used)

\*Consult the regulations in the country of installation for the security measurements.

These specifications may be subject to change without prior notice.

ACCESSORIES AND CONSUMABLES	
Centralized lubrication oil	Galp TransGear 68 / Similar
Cutting oil	Agip Motax 100 / Similar
Rack and pinion lubricant	Lithium grease
Ball screw lubricant	Lithium grease
Vacuum filter	widcnc vacuum filter
Coupling	ISO 30 - SK16

PREVENTATIVE MAINTENANCE	
Visual inspection of the equipment	Daily
Inspection of oil/ fluid levels	Weekly
Filter cleaning	Monthly
Inspection of rack and pinion and ball screws	Monthly
Vacuum system cleaning	Biannually
Electric component examination *	Annually
Axis examination*	Annually
General inspection*	Annually
Levelling*	Annually

\*Maintenance procedures to be performed exclusively by especially trained technicians.