

CNC-PRO X

CNC AUTOMATIC T.C.T. FACE & TOP CIRCULAR SAW GRINDER
7-Axes CNC Control, Double Wheel System



abm
Grinding Technologies

CNC-PRO Series



Top Grinding



Face Grinding



ROBO-X
6-Axes Automatic Loading Robot
(Optional)

GENERAL FEATURES

- 7 axes fully CNC control
- Special plating on mechanical components ensure non-corroding and hardening.
- Double wheel grinding system with top and face grinding wheels.
- Ready tooth programs and unlimited memory for programming.
- Grinding of all tooth types in one cycle for wood and metal industries.
- Independent grinding speed selection for grinding flats, rights and lefts.
- Maximum outside diameter $\varnothing 800\text{mm}$.
- Clamping by step motor ensures automatic clamping distance control, clamping torque control and blade thickness control to self-center bevels.
- High grinding precision with servo spindle system.
- Auto Central lubrication system reducing maintenance and increasing machine life.
- Ready for oil coolant.
- Optional ROBO-X automatic loading robot
- Robust base constructed in ergonomic cabin.

TECHNICAL SPECIFICATIONS

• Circular saw outside diameter	$\varnothing 100-800$
• Bore diameter	from $\varnothing 12\text{mm}$
• Blade thickness	Max. 6mm
• Tooth pitch	Max. 100mm
• Grinding angle	$(-10^{\circ}) - (+30^{\circ})$
• Bevel angle	$+45^{\circ}$
• Grinding wheel outside diameter	$\varnothing 125\text{mm}$ (Top) / $\varnothing 160\text{mm}$ (Face)
• Grinding wheel bore diameter	$\varnothing 32\text{mm}$
• Coolant motor capacity	~ 50 lt/min.
• Coolant container capacity	~ 110 lt
• Connected load	$\sim 5.5\text{kW}$
• Net/gross weight	1020/1070 kg
• Dimensions	170*210*200cm

