

# CNC-PRO 1300

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



**abm**  
Grinding Technologies

# CNC-PRO 1300

## GENERAL FEATURES

- 8 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  $\varnothing$ 1300mm.
- 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   | $\varnothing$ 100-1300                                |
| • Bore diameter                   | from $\varnothing$ 12mm                               |
| • Blade thickness                 | Max. 6mm  |
| • Tooth pitch                     | Max.100mm   |
| • Grinding angle                  | (-10°) - (+30°)                                       |
| • Bevel angle                     | +45°  |
| • Grinding wheel outside diameter | $\varnothing$ 125mm (Top) / $\varnothing$ 160mm(Face) |
| • Grinding wheel bore diameter    | $\varnothing$ 32mm                                    |
| • Coolant motor capacity          | ~50 lt/min.   |
| • Coolant container capacity      | ~110 lt   |
| • Connected load                  | ~5.5kW  |
| • Net/gross weight                | 1020/1070 kg  |
| • Dimensions                      | 170*210*200cm   |

