

CNC-650

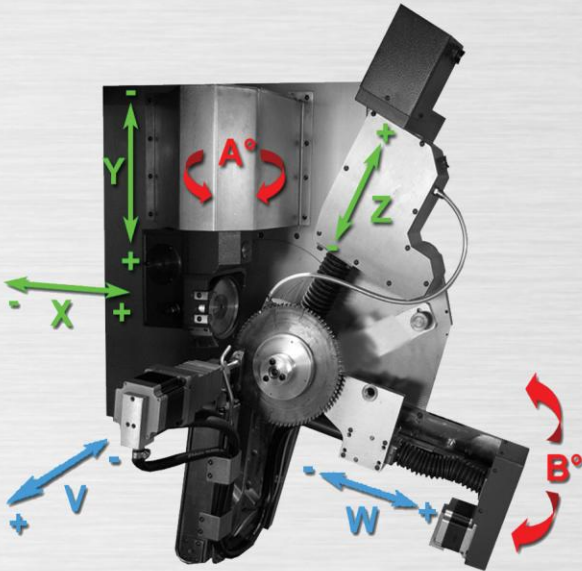
CNC TOP AND FACE CIRCULAR SAW GRINDER

With 6 CNC-Controlled Axes



abm
Grinding Technologies

CNC-650



- (X) Infeed Axis
- (Y) Grinding Axis
- (Z) Indexing Axis
- (A) Beveling Axis
- (B) Back clearance – hook angle Axis
- (V) Clamping Axis
- (W) Blade Carriage Axis



Automatic broken teeth skip and variable pitch indexing by intelligent finger. Optional pneumatic system for split scorer grinding in one pass.

GENERAL FEATURES

- 6-AXES CNC-CONTROL.
- Special plating on mechanical components ensure non-corroding and hardening.
- Ready tooth form programs.
- Grinding of all tooth types in one cycle for the wood industry.
- Independent grinding speed selection for grinding flats, rights and lefts.
- Maximum outside diameter $\varnothing 600\text{mm}$.
- Clamping by Microstep motor ensures automatic clamping distance control, clamping torque control and blade thickness control to self center levels.
- Individual Top Flat Width and Height difference adjustment in Triple Chip form.
- Central lubrication system reducing maintenance and increasing machine life.
- Totally enclosed cabin, separate electrical cabin and machine cabin.
- Ready for oil coolant.
- Operatorfriendly machine program interface for ease of use.
- Ergonomic cabin for ease of set-ups.
- Special software for grinding strobe saw (multirip saws) and double-side scoring (split-scorer) blades.

TECHNICAL SPECIFICATIONS

- | | |
|-----------------------------------|--|
| • Circular Saw Outside Diameter | $\varnothing 100\text{-}650\text{mm}$ |
| • Bore Diameter | from $\varnothing 12\text{mm}$ |
| • Blade Thickness | Maximum 6.0mm |
| • Tooth Pitch | Maximum 100mm |
| • Grinding Angle | $(-10^{\circ}) (+30^{\circ})$ |
| • Bevel Angle | $+45^{\circ}$ |
| • Grinding Wheel Outside Diameter | $\varnothing 125\text{mm}$ |
| • Grinding Wheel Bore Diameter | $\varnothing 32\text{mm}$ |
| • Coolant Motor Capacity | 50lt/min. |
| • Coolant Container Capacity | $\sim 110\text{lt.}$ |
| • Connected Load | 3.5kW |
| • Power | $380\text{V, } 3\text{Ph, } 60\text{Hz}$ |
| • Net/Gross Weight | $895/950\text{kg}$ |
| • Dimensions | $130*200*200\text{cm}$ |



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