

# AKEMAT-F550

CNC CIRCULAR SAW

FACE GRINDING MACHINE



# AKEMAT-T800

CNC CIRCULAR SAW

TOP GRINDING MACHINE

# AKEMAT-F550

## CNC CIRCULAR SAW FACE GRINDING MACHINE

AKEMAT-F550 is distinguished by its high quality face grinding by linear bearing system. It's capable of grinding all tooth forms on wood and aluminium blades.

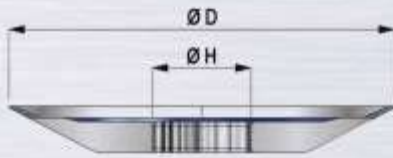
### General Features

- CNC controlled.
- Lift off face grinding.
- Face grinding of ATB tooth form in one cycle.
- Hydraulic driven saw blade clamp by lever.
- Grinding all common tooth types.
- Totally enclosed cabin for operator safety.
- Simple controls for ease of use.
- Rigid and ergonomic machine base.
- Independently adjustable grinding and indexing speed.
- Production conformed with CE.

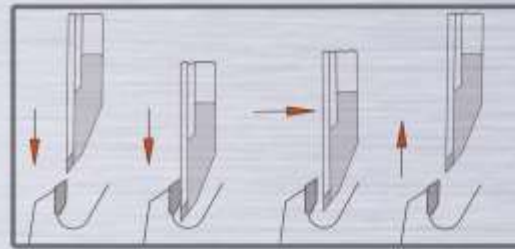
### Technical Specifications

- |                                 |                 |
|---------------------------------|-----------------|
| • Circular saw outside diameter | Ø80-550mm       |
| • Indexing stroke               | 0-100mm         |
| • Radial Angle                  | ±45°            |
| • Circular saw hook angle       | -10 +30°        |
| • Grinding wheel diameter       | Ø200mm          |
| • Grinding wheel bore diameter  | Ø32mm           |
| • Motor quantity                | 4               |
| • Total power                   | ~3kW            |
| • Operating voltage             | 380V, 3Ph, 60Hz |

### Grinding Wheel



Face Grinding Wheel  
FEPA 12V2  
ØD=200mm  
ØH=32mm



Face Grinding Operation

# AKEMAT-T800

## CNC CIRCULAR SAW TOP GRINDING MACHINE

AKEMAT-T800 is distinguished by its high quality top grinding by linear bearing system. It's capable of grinding all tooth forms on wood and aluminium blades.

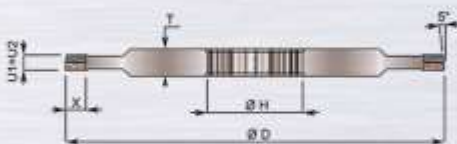
### General Features

- CNC controlled.
- Lift off top grinding.
- Top grinding of ATB tooth form in one cycle.
- Hydraulic driven saw blade clamp by lever.
- Grinding all common tooth types.
- Totally enclosed cabin for operator safety.
- Simple controls for ease of use.
- Rigid and ergonomic machine base.
- Independently adjustable grinding and indexing speed.
- Production conformed with CE.

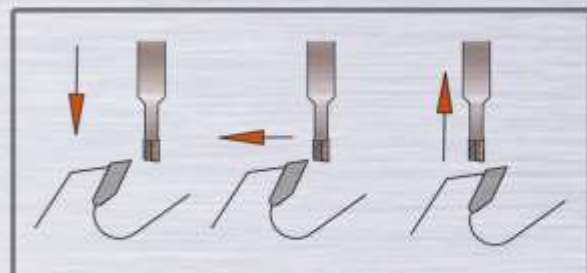
### Technical Specifications

- |                                 |                 |
|---------------------------------|-----------------|
| • Circular saw outside diameter | Ø150-800mm      |
| • Indexing stroke               | 0-100 mm        |
| • Blade Thickness               | 0-30 mm         |
| • Circular saw hook angle       | -10 +30°        |
| • Grinding wheel diameter       | Ø190mm          |
| • Grinding wheel bore diameter  | Ø32mm           |
| • Motor quantity                | 6               |
| • Total power                   | ~5,5 kW         |
| • Operating voltage             | 380V, 3Ph, 60Hz |

### Grinding Wheel



Type 14AA1  
D Ø190mm  
H Ø32mm



Top Grinding Operation