

*The Individuality of High Performance*  
High Performance Circular Sawing Solutions



### Sorting Devices

Several different sorting devices to handle the finalized workpieces after cut and connected processes.



### Raw Material Handling

Feeding systems from simple declined loading devices up to intelligent, chain type material magazines for infeed handling.



### Chamfering Units

High productive solution to integrate into fully automatic processing lines.



### Special Machine Ranges

From basic High Speed Saws up to machines capable of cutting two bars at once or huge sizes such as the MAC 205 model.

### Individually planned

The M-Series of High Performance Circular Sawing Solutions gives the possibility of individually planned, manless sawing center with different process steps after cutting.

Despite different sorting devices, there are several existing after-cut-stations available such as length measuring, weight control, demagnetizing, deburring, chamfering and much more.

The range of M-Series machines cover basic high speed circular saws for ferrous and nonferrous metals up to tailor made sawing solutions.

The M-Series of machines are fully open to customization for 100% adaption to the customers needs.

HIGH PERFORMANCE  
CIRCULAR SAWS

# T-Series



#### Fast and Reliable

The new T-Series High Performance Circular Sawing Machines offer the easiest way into the world of high speed cutting.

The 25° declined head on pre-tensioned linear-guides with movement through a highly precise ballscrew and a well dimensioned servo motor, offer ideal performance on all materials.

For lowest possible vibrations and noise the extensive use of mineral cast guarantees best equals on bladeflife and longterm performance.

The control surface in dialogue system allows easy and simple operation of the machine, despite all possible adjustments and values are available to finetune the cutting process.

With the automatic loading magazine for material up to 6m length, the T-Series machines are made to work as a fully automatic production unit.



	TAC 75	TAC 105	TAC 155
Sawblade Size	Ø 250 / 285 mm	Ø 315 / 360 mm	Ø 360 / 425 / 460 mm
Cutting Capacity on round Material	Ø 10 - 75mm	Ø 20 - 105mm	Ø 30 - 155mm
Blade Speed stepless adjustable	60 - 220 m.min <sup>-1</sup>	60 - 220 m.min <sup>-1</sup>	60 - 220 m.min <sup>-1</sup>
Restpiece length	60mm	60mm	70mm
Main Drive Power	7,5kW	11/15kW	15/18,5kW
Cutting Feed	0-6000mm/min	0-6000mm/min	0-6000mm/min
Feeding Length	600mm	750mm	750mm
Max. Load Material Length	6300mm	6300mm	6300mm
Max. Load Material Weight	3t	5t	5t



#### Hydraulic Power

The hydraulic unit is well dimensioned to enable highest possible capacity usage without extensive hydraulic heat.



#### Safe, Clean and Quiet

All T-Series machines are fully covered according to actual valid CE machine rules, as well as to guarantee clean and quiet environment.

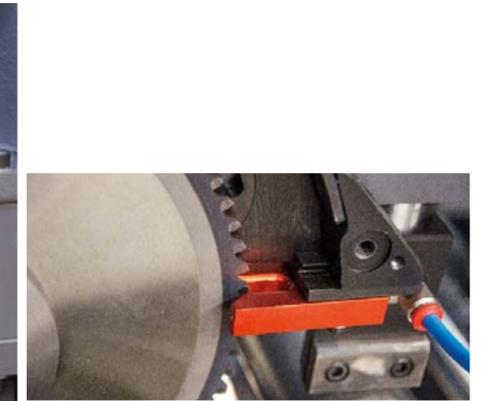
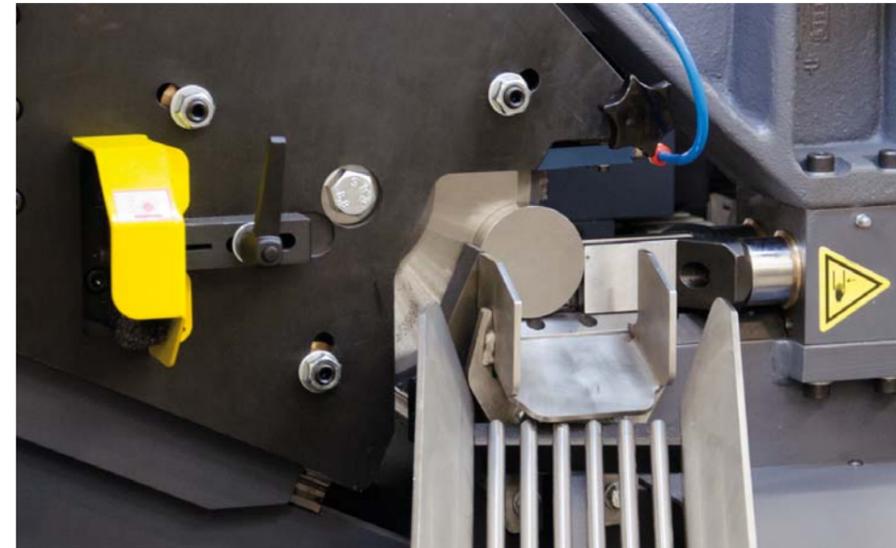


#### Modern Touch Panel Control

Modern and fast control system with a touch panel display and intuitive design in a dialogue guided operation.

## Speed. Precision. Torque.

The High End Unit for Productivity



#### Microspray Cooling

A micro spray system with a three-sided nozzle, placed directly above the cutting channel, covers ideal cooling of workpiece and blade.

#### Heavy and Rigid

All components are built heavy and rigid to guarantee sustainable productivity over the whole lifetime of the machine.

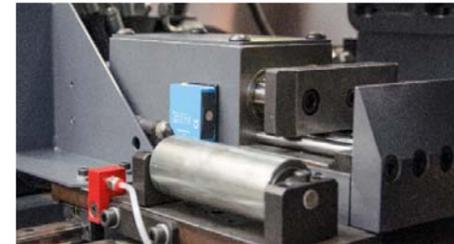


#### Heavy Duty Material Clamping

Strong and well dimensioned clamping system to avoid any vibration of the material during the cut to enable best surface result.

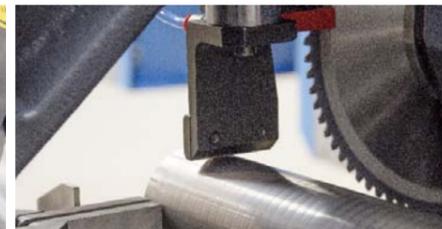
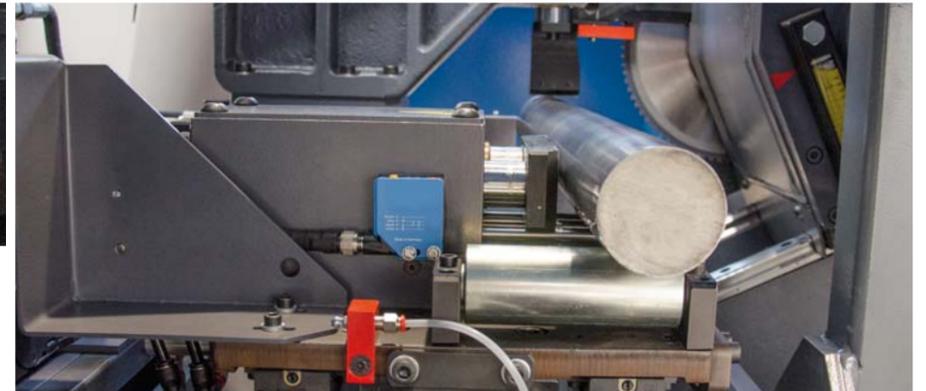
#### Ballscrew and Linear Guiding

The precise ballscrew with a servo drive enables feeding rates up to 60m/minute with highest possible precision.



#### Laser Material Detection

Shortest cycle times afford minimum time in sensing. State of the art laser technology enables fast material detection on feeding.



#### Chip Brush included

Constant cleaning of the sawblade through a well adjustable wire brush results into longer bladeflife and better surface finish.



#### Vertical Clamping

Strong and rigid vertical clamping gives additional hold to avoid any vibration during cutting process and guarantee precise results.

#### Rigid High Force Clamping

The feeding vice is built for carrying the dedicated load with shortest possible acceleration and braking ramps for shortest cycle times.