

## Wet cut-off machine – series TNA-500



The stable **TNA-500 series** cut-off machines are characterised by their high cutting accuracy. All machines are supplied as a powder-coated welded construction. To be used for Corundum-, Rubber-, Diamond- or CBN-cutting wheels.

### TNA-500

Wet cut-off machine with fixed table,  
max. cutting wheel Ø 500 mm



**1** Magnetic filter (100 l/min) for filtering out magnetic dusts.  
Alternative: Band filter (RWS 120–400 V/50Hz)  
for filtering out non-ferritic dusts



**2** Centrifugal separator for suction of the coolant mist from the machine (mounting on machine roof).



All the machines in this series are certified with the CE mark in accordance with EC guideline 2006/42EG.

### Characteristics:

- + Infinitely variable speed control
  - + Automatic cutting wheel balancing
  - + Hydraulic workpiece clamping in manual mode (2-hand safety control)
  - + Max. dimension cutting wheel Ø 500 mm
  - + Positioning of the cutting wheel using hydraulic measuring cylinders
  - + Pendulum cut option
  - + Thread cut function
  - + On the machine side circulating cooling system with V= 170 l / 100 l/min.
  - + Swivel control panel with touchscreen control
  - + 99 cutting programs can be stored
- Optional:**
- Magnetic filter or belt magnetic filter unit
  - Centrifugal separator

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## Technical details:

	TNA-500
Drive power	22.0 kW 380/400 V – 50 Hz
Workpiece cutting precision	± 0.2 mm
Threaded spindles and shafts (max.)	Ø 120 mm
Guide rails and flat material (max.)	100 x 100 mm
Cutting wheel diameter	max. 500 mm v = 20–60 m/s
Clamping range (max.) adjustable clamping pressure	140 mm
Machine dimension with operating display (Width x Height x Depth)	1,750 x 2,885 x 1,725 mm
Weight	1,600 kg

## Everything from a single source:

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects** we are able to offer you not just production and specialist cutting-off machines but also the appropriate testing technology to test surfaces as well as for dimensional accuracy.

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