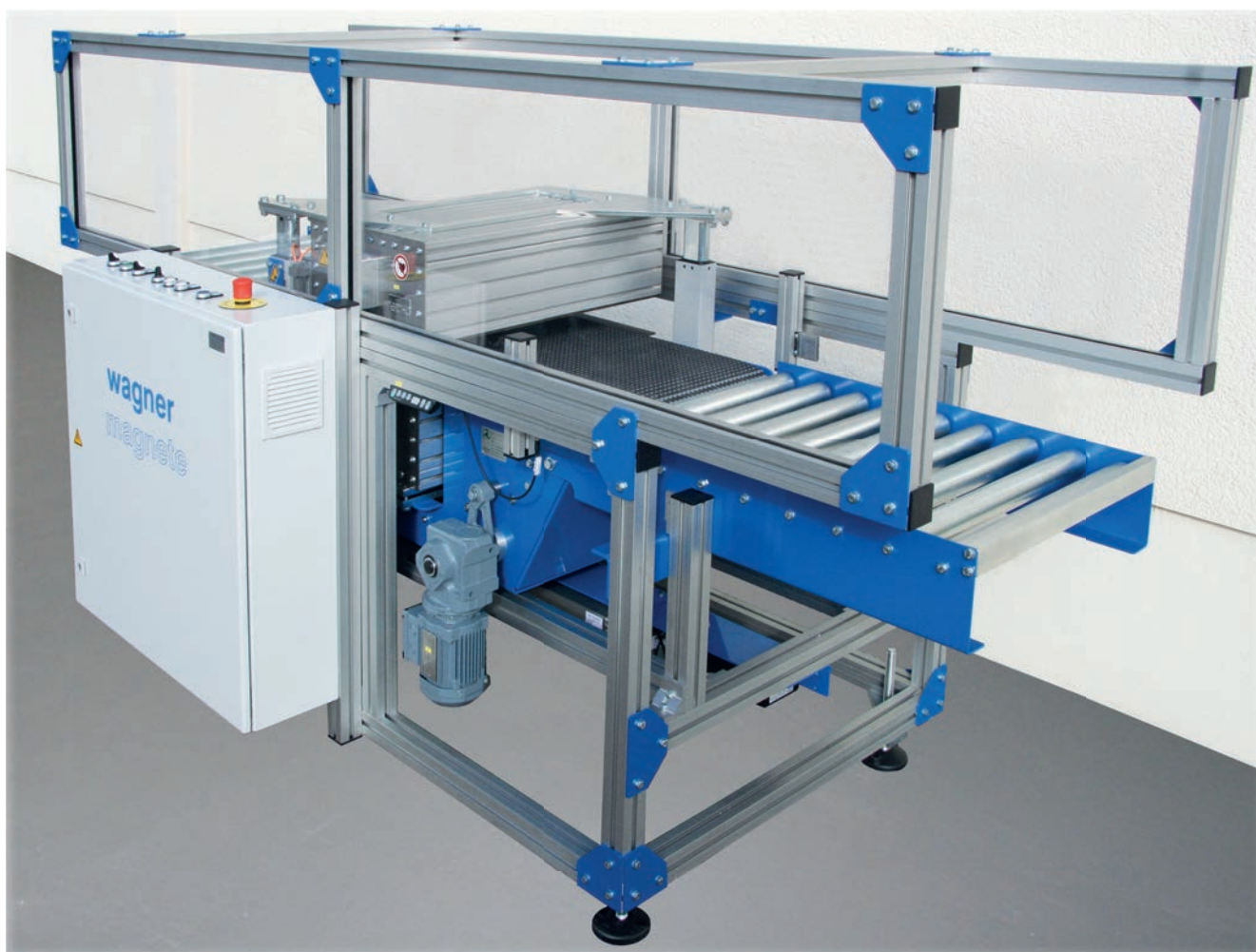


## Demagnetizing-Systems



If steel and cast iron parts get into the magnetic field, residual magnetism remains. For further processing, it is very often necessary to demagnetize such parts sufficiently. The type 215 demagnetizing system is characterized by very strong demagnetizing power. It is used if complete demagnetizing of parts is necessary, e.g. for measuring tools, cutting tools or milling cutters.

Demagnetizing units ensure an extremely uniform demagnetizing of workpieces. Optimal parameter settings ensure best demagnetizing results. Belt speed, demagnetizing frequency and distance of demagnetizing units with conveyor ensure an extremely uniform demagnetizing of workpieces. The device can be used as fully automatic complete system or independent single unit system.

The degree of demagnetizing depends on the following factors:

- size, shape and material of the parts to be demagnetized
- distance of the parts to the demagnetizing unit
- distance between the parts
- belt speed
- the frequency of the alternating magnetic field

### Conveyor type

- for all sorts of parts
- continuous or reversing operation



### Linear type

- for rod-shaped parts
- traversable demagnetizing unit



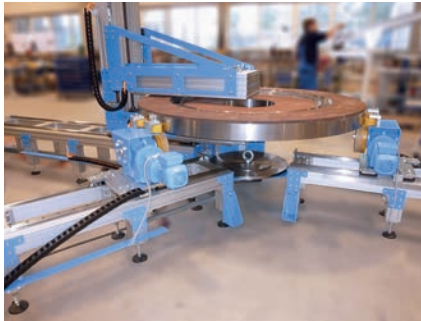
### Roller conveyor type

- for very heavy parts
- continuous or reversing operation



### Turntable

- for big round parts
- the part is rotated through the demagnetizing unit



### Table type

- for all sorts of parts
- part is manually moved through the demagnetizing area



#### Options:

- Adjustable belt speed
- Low-frequency generator or special frequencies
- Belt length and working height according to customer specifications
- Automatic and/or manual operation
- Actuation and Monitoring of belt start, belt end and height control of upper demagnetizing unit via light barriers and limit switches or external control signals
- Multi-reversing demagnetizing process through selectable number of cycles
- electro-hydraulic height adjustment of upper demagnetizing unit via display, or mechanical adjustment via crank handle
- Access barriers and protective covers
- support roller conveyors or support roller tables at belt start and belt end
- Adjustable material guide
- castors with clamp-on design or spindle feet
- demagnetizing system with drip pan and discharge nozzle
- Special voltage, special protection class
- Special coating

#### Design:

- Protection class: IP 54
- Mains: 400/230 VAC, 50 Hz (3Ph.+N+PE)
- Operating time: 100 %

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