Plate-Demagnetizing-Unit

Ferromagnetic parts often become magnetized by transport magnets or by being machined by magnet clamping systems. These parts can be demagnetized using plate demagnetizing unit.

During the demagnetizing process, the workpieces are moved over the pole gap at a speed of approximately 0.06 to 0.12 m/s. Please note, that you have to move the workpiece at the same speed approximately 30 cm before and after the demagnetizing unit.

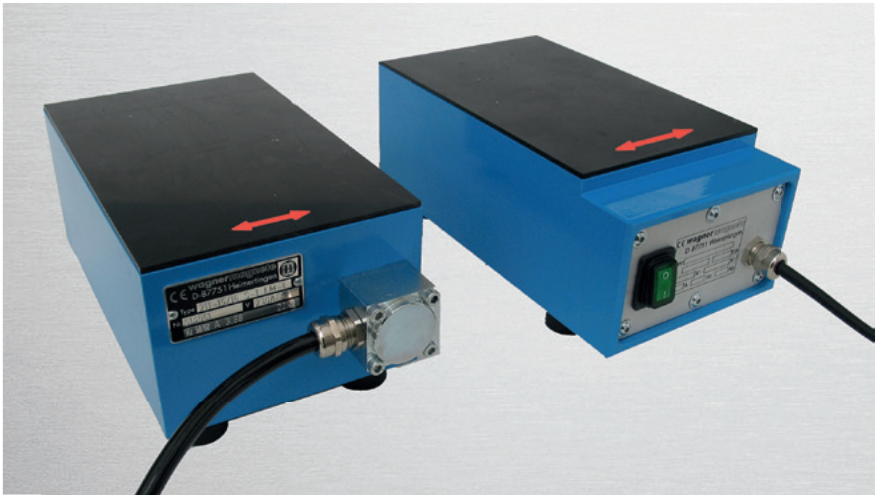
This process can be repeated for large, critical parts to achieve better demagnetizing results.

A synthetic plate inserted on the pole surface protects finished workpieces becoming damaged.

Mass-produced parts can be demagnetized in a flat container made from unmagnetized material. To obtain optimal demagnetizing results, the parts should not contact each other.

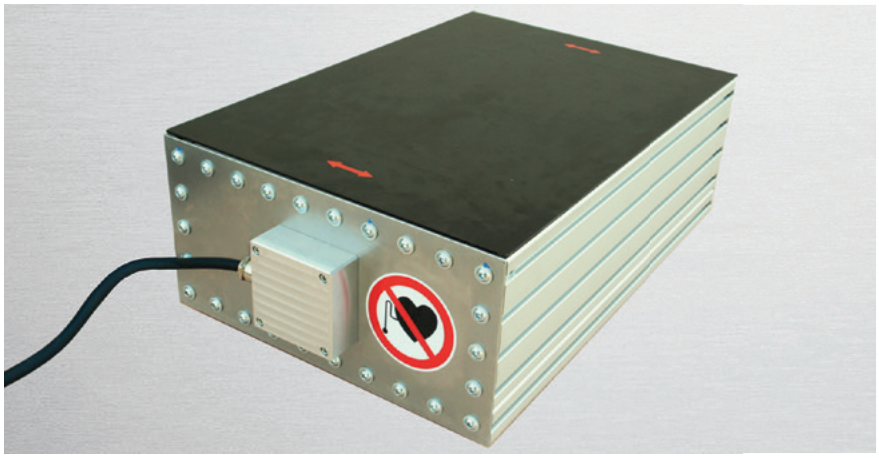
The allowed operating time of the units is 100%. Therefore, they are also suited for a later integration into automated systems. They can be mounted as standing or suspended units.

With high alloy tempered workpieces, or components with complex shapes, the series installation of a Low-Frequency-Generator type 243 can considerably improve the demagnetizing effect.



Type 211-15/.. and 211-17/..

- Demagnetizing of workpieces with a thickness of up to 50 mm
- By default, the demagnetizing unit is supplied with rubber buffers, and it can also be screwed to the workplace.
- stand alone type with protection class IP 54, connecting cable with length 1.5 m, with switch and pilot light
- for automated systems with protection class IP 65, connecting cable with length 1.5 m, without switch and pilot light
- Voltage: 230 or 400 VAC
- Frequency: 50 - 60 Hz



Type 211-40/..

- Demagnetizing of workpieces with a thickness of up to 90 mm
- The demagnetizing unit is optionally supplied with assembly set (rubber buffer or mounting bracket).
- Connecting cable, length: 3,0 m
- Protection class: IP 65
- Voltage: 400 VAC
- Frequency: 50 - 60 Hz

Dimensions and technical data:

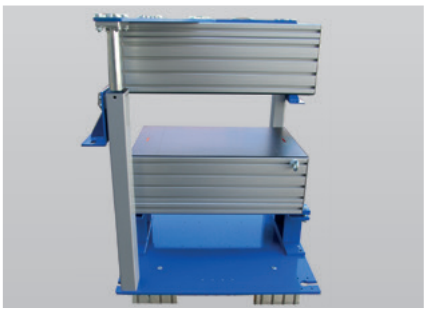
Type	Width [mm]	Demagnetizing area [mm]	Overall height [mm]	Overall lenghth [mm]	Power [VA]	Protection class	Weigth app. [kg]
211-15/16:230	148	160	121	278	850	IP 54	22
211-15/16 S-1:230	148	160	121	272	850	IP 65	22
211-15/25:230	148	250	121	368	1380	IP 54	30
211-15/25 S-1:230	148	250	121	362	1380	IP 65	30
211-15/40:230	148	400	121	518	2050	IP 54	46
211-15/40 S-1:230	148	400	121	512	2050	IP 65	46
211-15/50 S-1:230	148	500	121	612	2200	IP 65	57
211-17/25 S-1:400	166	250	148	403	1800	IP 65	37
211-17/40 S-1:400	166	400	148	553	2860	IP 65	54
211-17/50 S-1:400	166	500	148	653	3600	IP 65	67
211-17/60 S-1:400	166	600	148	753	4420	IP 65	80
211-17/65 S-1:400	166	650	148	803	4700	IP 65	84
211-17/70 S-1:400	166	700	148	853	5000	IP 65	92
211-17/80 S-1:400	166	800	148	953	5600	IP 65	100
211-17/90 S-1:400	166	900	148	1053	6400	IP 65	115
211-17/100 S-1:400	166	1000	148	1153	7000	IP 65	129
211-40/20 S-1:400	400	200	203	426	2000	IP 65	104
211-40/30 S-1:400	400	300	203	526	3000	IP 65	128
211-40/40 S-1:400	400	400	203	626	4000	IP 65	154
211-40/50 S-1:400	400	500	203	726	5000	IP 65	176
211-40/60 S-1:400	400	600	203	826	6000	IP 65	215
211-40/70 S-1:400	400	700	203	926	7400	IP 65	245
211-40/80 S-1:400	400	800	203	1026	8000	IP 65	271
211-40/90 S-1:400	400	900	203	1126	9000	IP 65	311
211-40/100 S-1:400	400	1000	203	1226	10000	IP 65	335
211-40/110 S-1:400	400	1100	203	1326	11000	IP 65	372
211-40/120 S-1:400	400	1200	203	1426	12000	IP 65	410

Special voltages and special lengths on demand.

Special solutions:

Tandem demagnetizing units for integration into conveyor systems:

- mechanically adjustable
- hydraulically adjustable
- with low-frequency generator



wagner magnete

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Technology Full of Attraction

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