

DEMAGNETIZING UNIT

AC/ AC TUNNEL, DC AND DC+AC

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APPLICATION

The Demagnetizing Unit is installed directly on the production line, following the Magnetizing Unit. It is designed to remove residual magnetic fields from the product to prevent interference with subsequent manufacturing processes.

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PRODUCT RANGE

3 versions of the Demagnetizing Unit are available:

- **Demagnetizing Unit AC or AC Tunnel**
- **Demagnetizing Unit DC**
- **Demagnetizing Unit DC + AC**

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OPERATING PRINCIPLE

- **Demagnetizing Unit AC:** Creation of an alternating demagnetizing field at 50/60 Hz.
- **Demagnetizing Unit AC Tunnel:** Like the Demagnetizing Unit AC, it creates an alternating demagnetizing field at 50/60 Hz. The AC Tunnel Demagnetizing Unit is larger, creating more alternating cycles for better demagnetizing.
- **Demagnetizing Unit DC:** Creation of a continuous field exactly opposite to that created by the Magnetizing Unit.
- **Demagnetizing Unit DC+AC:** Dedicated for difficult applications requiring high power (bars, thick tubes...), the Demagnetizing Unit DC+AC has a low-frequency box capable of handling both continuous and alternating voltage.

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MAIN ADVANTAGES

- Several versions available by category, depending on diameter
- Customized system according to customers needs
- Low maintenance
- Robust, compact construction
- Easy field adjustment of the Demagnetizing Unit
- Can be combined with a large range of CMS accessories
- In accordance with international standards such as ASTM, API, BS, AF, DIN, EN, SEP and others



Demagnetizing Unit AC tunnel

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ASSOCIATED SYSTEMS

- Magnetizing Unit



Demagnetizing Unit DC



Demagnetizing Unit DC+AC



Demagnetizing Unit AC

Products Range

AC Standard	AC STD T1	AC STD T2
Maximum ϕ (mm)	40	80
Maximum ϕ (inch)	1.5	3
Power Supply Max	0-240 VAC 50-60HZ 1.5 KW	

AC Tunnel	AC T1	AC T1.2	AC T2	AC T3	AC T4
Maximum ϕ (mm)	10	40	80	170	230
Maximum ϕ (inch)	3/8	1.5	3	6.5	9
Power Supply Max	0-240 VAC 50-60HZ 3.3 KW				

DC	DC T1	DC T2	DC T3	DC T4
Maximum ϕ (mm)	40	80	170	230
Maximum ϕ (inch)	1.5	3	6.5	9
Power Supply Max	0-240 VAC 50-60HZ 330 KW			

DC + AC with low frequency power box	DC/AC T1	DC/AC T2	DC/AC T3	DC/AC T4
Output frequency	10-50HZ			
Output intensity	5-50 HZ			
Maximum ϕ (mm)	40	80	170	230
Maximum ϕ (inch)	1.5	3	6.5	9
Power Supply Max	230 VAC - 50-60 Hz 400 VAC - 50-60HZ			