

Power Module DF

For a magnetically clean demagnetization



- > allows operation of all Maurer Magnetic coil modules
- > can be installed without a control cabinet due to the robust design
- > the separate control unit allows flexible positioning
- > five model sizes cover a wide power spectrum
- > protection class according to ISO20653 - IP55 and according to UL type 12
- > good vibration resistance
- > small footprint due to compact design
- > easy to service and maintenance-free

 Swiss Made

«Ready-made»

Completely configured and ready-made setup on the mounting plate

The DF power module enables a simple system layout without an additional control cabinet. The power module DF and the control unit have the protection class IP55 and can therefore be used in the immediate vicinity of the demagnetizing coil.

The control unit, which can be set up flexibly, is also installed in a robust housing. The control unit and the power module can be mounted decentrally and allow easy and trouble-free integration into an existing production plant. The system status is fully and visibly displayed by means of LEDs both on the coil and on the control unit.

The emergency stop button, which can be integrated into an existing safety control unit, is provided as standard. UL approved material is used in the DF power module and in the control unit. The optional interface module enables fast process automation.

The power module DF achieves the highest demagnetization quality by means of a process-capable current-controlled process control. Filled part carriers, transport baskets full of bulk material and even complex assemblies are demagnetized with a pulse of a few seconds. Depending on the requirements, an individual combination of a demagnetizing coil and a power module results.

In 2001, Maurer Magnetic developed the Maurer Degaussing® demagnetizing process, for which a patent was applied for. With our many years of experience and the expertise we have acquired over time, our technology has been continuously enhanced, while our new relevant patents supplement it. Our in-house production also allows us to implement customer demands quickly and unimpeded, while ensuring our quality standards at the same time.

Technical data*

Power module		DF15	DF40	DF110	DF300	DF550
External dimensions (mm)	W	190	210	280	350	455
	H	260	290	330	460	700
	D	166	166	207	287	336
Weight	kg	7	9.5	17	33	59
Degree of protection IP		55				
Power	kW	1.5	4	11	30	55
Power supply	VAC Hz	3PE 380–480 50/60				

Control Unit

External dimensions (mm)	W	280
	H	90
	D	170
Weight	kg	max. 3.5
Power supply	V DC	24

Options

- > Process monitoring level 1
- > 24V DC I/O interface galvanically isolated
- > 24V DC power supply for the control unit
- > Special requirements on request

* All informations are without guarantee

¹ Compatible with Maurer Magnetic CT-U, SE, VE, HLE, HLM, RE, DS-coils



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