



# DEMAGNETIZATION

**Tunnel  
Plate  
Measuring instrument**





# DEMAGNETIZATION

## CHOICE OF A DEMAGNETIZER

Shapes, dimensions, steel quality of the components that have to be demagnetized as well as the duty cycle of the demagnetizer contain the necessary information to solve demagnetizing problems.

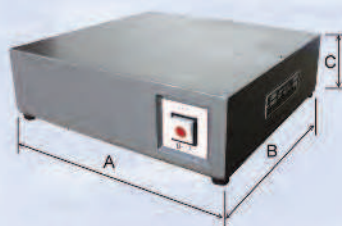
The thickness of the components is the most important criterion to choose either a platen demagnetizer or a tunnel. The tunnel acts from the periphery to the very heart of the metal so that it is generally chosen for bulky, thick or high pieces.

It is necessary that the components are narrower than the platen demagnetizer or the opening of the tunnel demagnetizer.

In order to demagnetize components which are wider than the standard platen width, it is possible to mount several platens side by side.

## PLATEN DEMAGNETIZERS

They were developed for toolmakers, workshops of general and production mechanics, usually used for thin pieces.



TYPE	Dimensions (mm)			Wattage W	Weight kg
	A	B	C		
DFM 3	250	165	75	max 700	11
DFM 4	280	266	75	max 700	18
DLM 5	400	300	75	max 700	24
DLM easy logic	280	280	85	max 700	20

## HAND DEMAGNETIZERS

Hand demagnetizers are specially made for demagnetization of bulky pieces or pieces that can hardly be reached.



### DEM M1

Polyvalent demagnetizer with light metal alloy body.

The demagnetization of a component needs an alternating and decreasing magnetic field. It is very important that the part moves slowly at a constant speed on/through the demagnetizer platen or tunnel.

#### Features :

- Dimensions : 200x145xh.150 mm
- Weight : .... 5,8 kg
- Wattage : ... 250 VA
- Service : .... 25 %

At the end of the operation the component must be moved away as far as possible from the demagnetizing device in order to avoid incomplete demagnetizing.



### DEM HD

Very easy to use, ultra light poly-meric body.

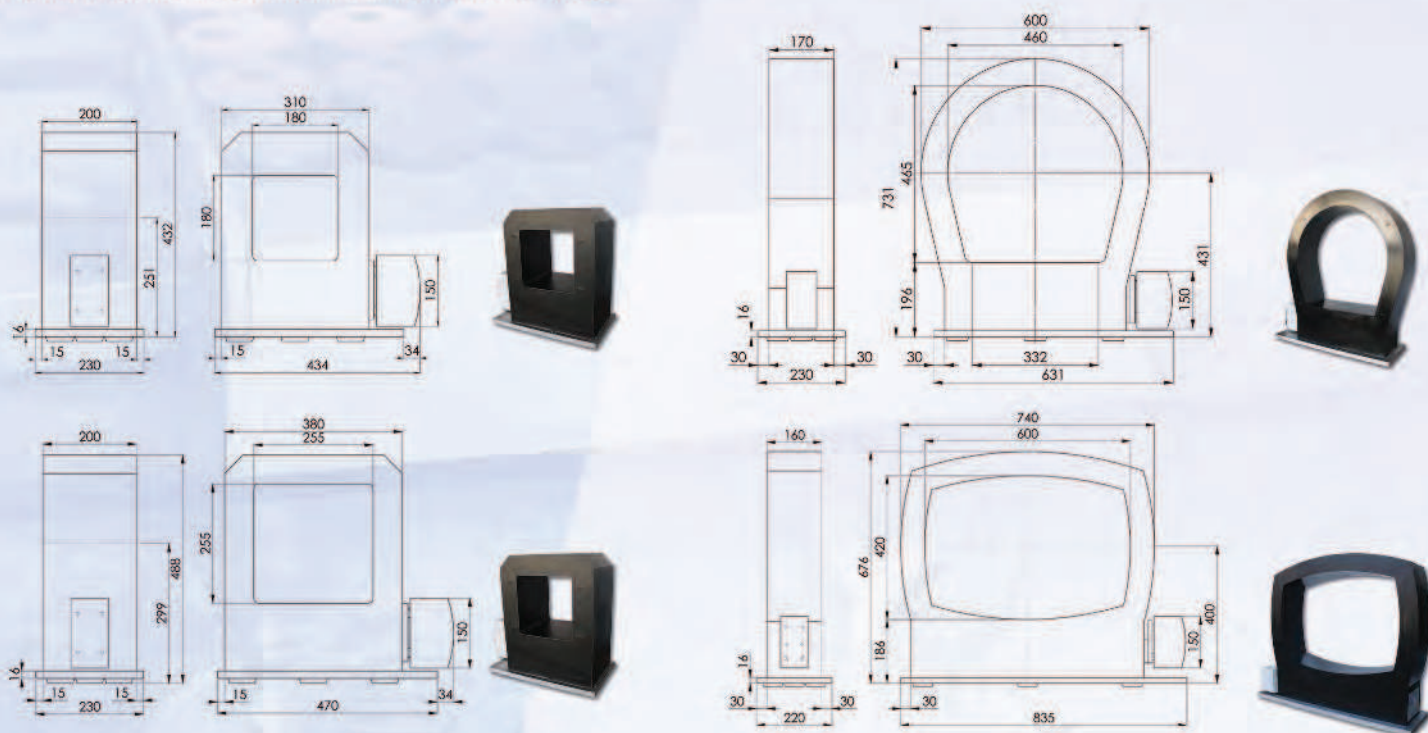
FEATURES	HD 1	HD 2
Active area dimensions	105 X 75 mm	105 X 95 mm
Voltage	220 - 240 V / 50 Hz	220 - 240 V / 50 Hz
Depth of magnetic field	20 mm	40 mm
Weight	1,9 kg	2,2 kg



## TUNNEL DEMAGNETIZERS

For the demagnetization of bulky, thick or high components thanks to their action from the periphery to the very heart of the metal.

As a standard execution, tunnel demagnetizers are made for a continuous duty. On request, they can however be delivered high powered with intermittent duty.

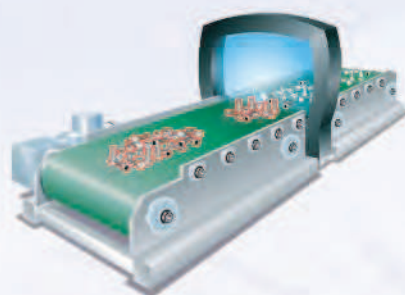


MODEL	POWER (VA)		Weight (Kg)
	High power 30% duty cycle	Standard continuous duty cycle	
DFM T1	3200	1840	55
DFM T2	7200	4140	70
DFM T4	14000	8050	95
DFM T5	16800	9660	115

## ON REQUEST AUTOMATIC TUNNEL DEMAGNETIZERS

The components to be demagnetized are fed into the alternating magnetic field by a conveyor belt, driven by a geared motor.

This type of equipment can be made to size particular application.



AVAILABLE

OPTIONS

Detection sensor



PLC

Special belt



Variable speed belt drive





# MAGNETIC MEASUREMENT

BRAILLON MAGNETICS range of measurement equipment allows quantifying precisely the level of magnetic induction at a specific location.

## MGMR

Réf. MGMR 20 : 019063

Réf. MGMR 50 : 019064

- Analog display
- Measuring range: 0-20 Gauss or 0-50 Gauss
- Accuracy: 5 Gauss
- Dimensions: D.63 x 33mm - Weight: 62g



## MGMD

Réf. 16.07

- Screen with digital display, strong ABS body
- Measuring range: 0 to 1999 Gauss
- Accuracy: 2% of indicated value or 1 Gauss
- Calibration: 0 Gauss
- Back lighting touch, automatic standby mode
- Delivered in small box with control certificate, 9v battery
- Dimensions: 76 x 63 x 32mm - Weight with battery: 110g



## GAUSSMETRE TM701 0-30000 G

Réf. 16.06

- Screen with digital display. Indications in Gauss or Tesla
- Measuring range: 0 to 30 000 Gauss / 0 to 3 000 mT
- Resolution: 0.1 Gauss / 0.01 mT
- Polarity indicator
- Accuracy +/- 5% of indicated value
- Delivered with Hall probe, batteries, protective cover, instructions for use and control certificate.
- Dimensions: 140 x 64 x 33mm - Weight: 250g

