

- Wide Model Range with many options
- Separate Power Packs
- AC/HWDC and FWDC
- Stainless Steel Tank

MAGNETIC PARTICLE INSPECTION EQUIPMENT

MAG 50 SERIES

A range of heavy duty machines designed for the inspection of ferrous components up to 2.5 metre in length



Typical Unit Layout

MAGNAFLUX®
Division of ITW Ltd

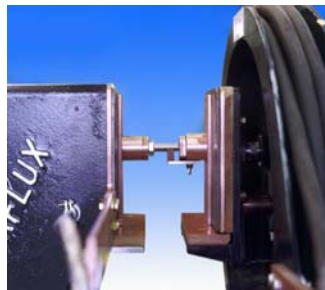
OPERATING ACCESSORIES



STEADY REST

Pt No 20978 A1

The twin rollers of the steady rest allow rotation of components. It is fixed directly to the headstock.



AUXILIARY ADAPTORS

Pt No 030C009

These auxiliary adaptors fit on to the head and tailstocks of the MAG50 bench units to assist in the handling of short/small parts.



STEADY REST

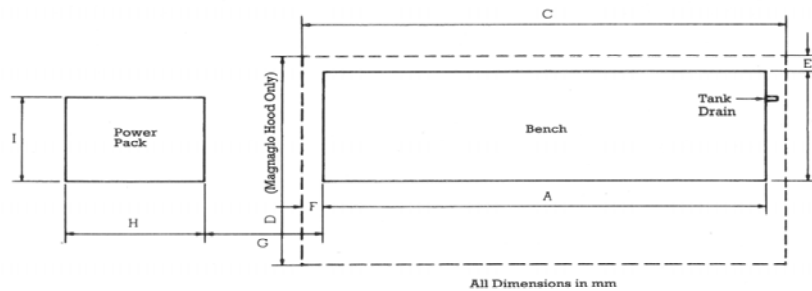
Pt No 20955 A3

MAG50 Bench mounted twin roller steady rest allows rotation of components.

MAG 50 SERIES

Specification and Operating Data

Model Range	MAG 50/3H	MAG 50/5H	MAG50/6FR
Maximum Output Current	3000 amps AC & Half Wave DC	5000 amps AC & Half Wave DC	6000 amps Full Wave DC
Line current draw for duration of maximum current shot	170 amps	270 amps	110 amps
Recommend external fuse size	80 A	125 A	50 A
Mains input cable size (30 metre maximum length)	35 mm ²	70 mm ²	25 mm ²
Demagnetisation	Decaying AC		Reversing DC
Typical Duty Cycle	1.5 seconds ON – 15 seconds OFF		1 second ON 10 seconds OFF
Mains Electrical Supply requirements	380 or 415 volts, 50 Hz 1ph		380 or 415 volts, 50 Hz, 3 ph
Current Control	Infinitely Variable		
Magnetising Coil, Standard Optional	300,400,500mm and 625mm		
Compressed Air Line	Minimum 5 bar (customer to provide regulator)		
Units carry the C E mark and conform to the appropriate European Union Directives			



UNIT	MAX Comp: Length	A	B	C	D	E	F	G	H	I	Tank Height	Power Pack Height	Tank Capacity
MAG 50/XX/15	1500	2250	775	2650	1500	200	200	300	850	750	1060	1370	50 litre
MAG 50/XX/20	2000	2820	775	3220	1500	200	200	300	850	750	1060	1370	60 litre
MAG 50/XX/25	2500	3295	775	3695	1500	200	200	300	850	750	1060	1370	70 litre

Optional Features

Magnetic Flow (Flux) Heads

- GD 50/ --** Magnaglo Hood complete with ZB100F UV(A) Light / White Light Extract Fan
- Part No 032T002** Motorised Tailstock Adjustment
- Part No 032T001** Hand Crank Tailstock Adjustment
- Part No 004P144** Air Pressure Regulator & Gauge
- Part No 007G019** Rear Hard Wood Grille

MAGNAFLUX® A Division of *ITW* Ltd.

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