Demag

Liquid Purification

Magnetic rotating disc purifier

Demag

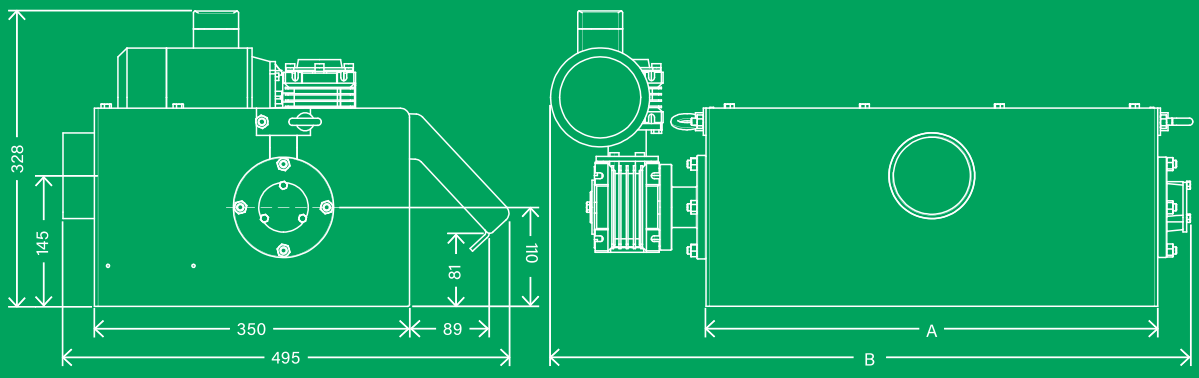
Demag is a magnetic rotating disc purifier for the separation of magnetic pollutant particles from lubricating liquids used in machining.

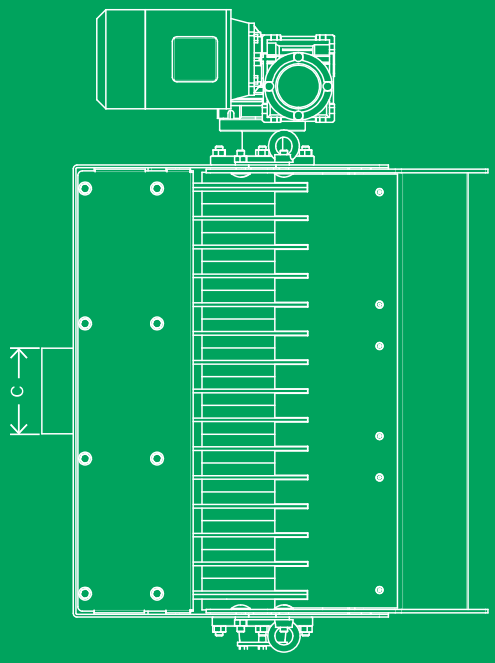
The Demag series is available in 7 standard models capable of purifying 50 to 400 l/min of emulsified oil and 25 to 200 l/min of neat oil.

Losma guarantees that each purifier is individually tested through rigorous control procedures.

A quality and functional test certificate is issued for each unit.

Technical Data





Models	Dimensions (mm)		
	A	B	C
Demag 50	160	370	3"
Demag 100	236	446	3"
Demag 150	350	560	3"
Demag 200	426	635	3"
Demag 250	502	710	3"
Deamg 300	654	885	3"
Demag 400	844	1080	3"
Demag 500	1034	1265	3"

Models	Max emulsion flow rate (l/min)	Max neat oil flow rate (l/min)	Power (kW)		Weight (Kg)	230 V - 50 Hz A	265 V - 60 Hz A	400 V - 50 Hz A	460 V - 60 Hz A
			50 Hz	60 Hz					
Demag 50	50	25	0,18	0,18	32/37	1,16	1,18	0,69	0,68
Demag 100	100	50	0,18	0,18	40/45	1,16	1,18	0,69	0,68
Demag 150	150	75	0,18	0,18	51/56	1,16	1,18	0,69	0,68
Demag 200	200	100	0,18	0,18	60/65	1,16	1,18	0,69	0,68
Demag 250	250	125	0,18	0,18	70/78	1,16	1,18	0,69	0,68
Deamg 300	300	150	0,18	0,18	90/NN	1,16	1,18	0,69	0,68
Demag 400	400	200	0,18	0,18	120/ NN	1,16	1,18	0,69	0,68
Demag 500	500	250	0,18	0,18	140/ NN	1,16	1,18	0,69	0,68

Technical data may vary depending on working conditions

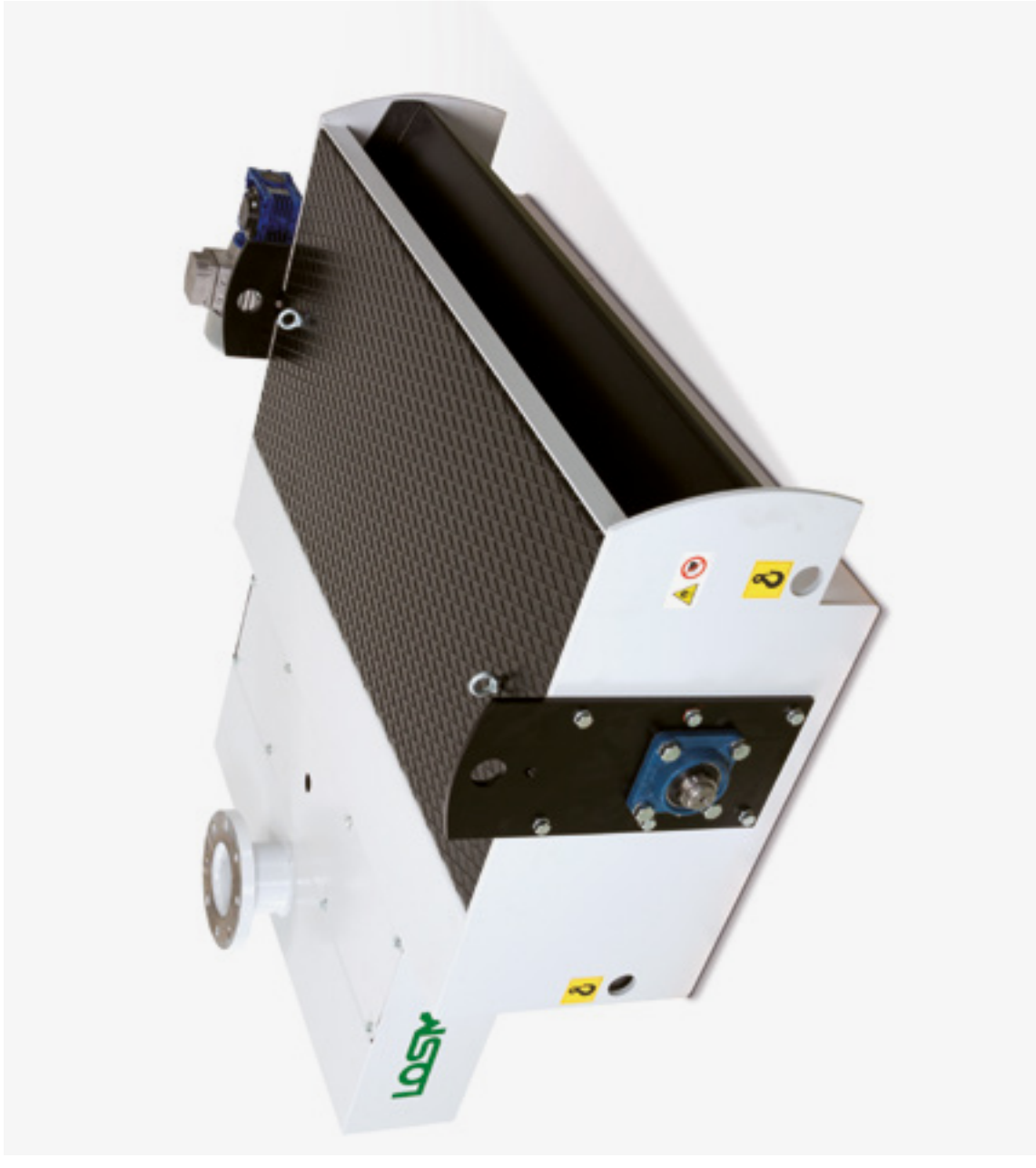
Demag Pesante Heavy duty

Demag Pesante was instead designed for heavy-duty flow rates, available in 5 models, capable of purifying 600 to 1800 l/min of emulsion and 300 to 900 l/min of neat oil.

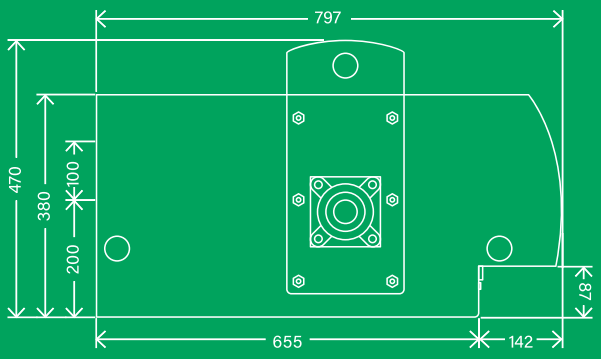
The especially robust construction of the Demag Pesante is suitable for large machine tools, centralised systems, machining centres, deep grinding and deep hole drilling or other heavy-duty machining.

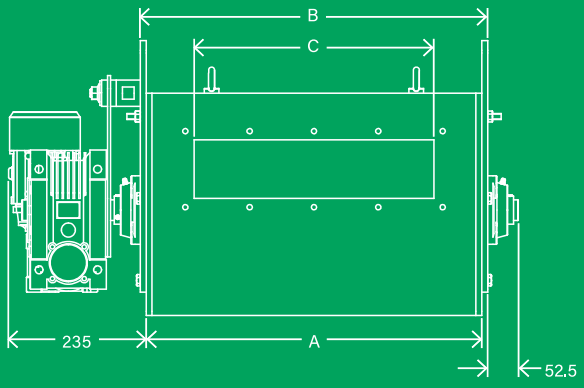
Losma guarantees that each purifier is individually tested through rigorous control procedures.

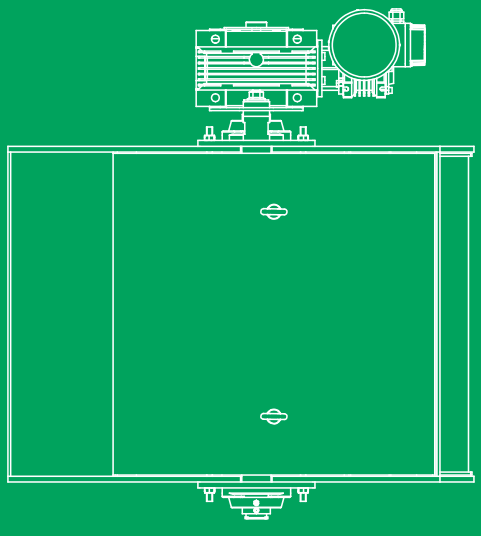
A quality and functional test certificate is issued for each unit.

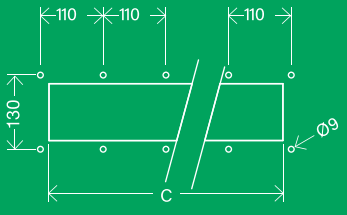


Technical Data









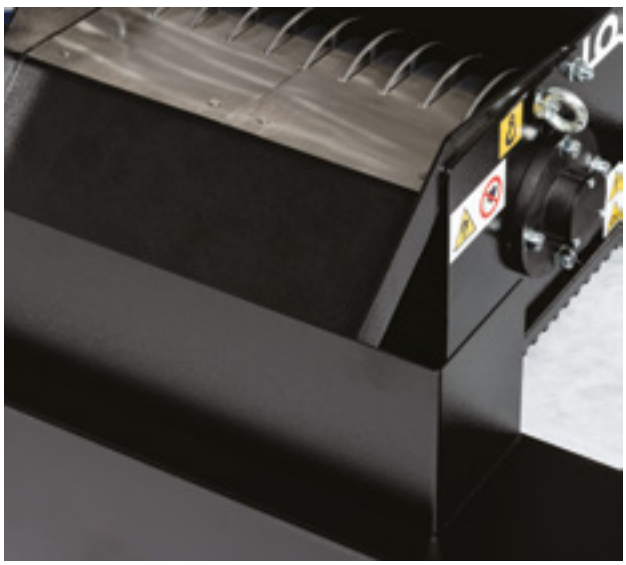
Models	Dimensions (mm)		
	A	B	C
Demag-P 600	574	594	410
Demag-P 900	849	869	520
Demag-P 1200	1124	1144	740
Demag-P 1500	1398	1418	960
Demag-P 1800	1674	1694	1180

Models	Max emulsion flow rate (l/min)	Max neat oil flow rate (l/min)	Power (kW)		Weight (Kg)	230 V - 50 Hz A	265 V - 60 Hz A	400 V - 50 Hz A	460 V - 60 Hz A
			50 Hz	60 Hz					
Demag-P 600	600	300	0,18	0,21	270	1,16	1,18	0,67	0,68
Demag-P 900	900	450	0,18	0,21	400	1,16	1,18	0,67	0,68
Demag-P 1200	1200	600	0,18	0,21	450	1,16	1,18	0,67	0,68
Demag-P 1500	1500	750	0,18	0,21	NN	1,16	1,18	0,67	0,68
Demag-P 1800	1800	900	0,18	0,21	580	1,16	1,18	0,67	0,68

Technical data may vary depending on working conditions

Operation

- The contaminated liquid passes through the rotating magnetic disc assembly, where the magnetic contaminating particles are captured.
- A scraper blade continuously removes the particles from the rotating assembly and sends them to a chute for discharge into the drawer.
- The purified liquid is collected in the tank below and returned to the machine tool with the appropriate electric pump or is collected by a second purifier for finer filtration.



Advantages

MODULARITY
Demag and Demag Pesante can be combined with the full range of Losma liquid purification systems to ensure more accurate filtration.

PERMANENT MATERIAL
Demag and Demag Pesante do not require a consumable filter.