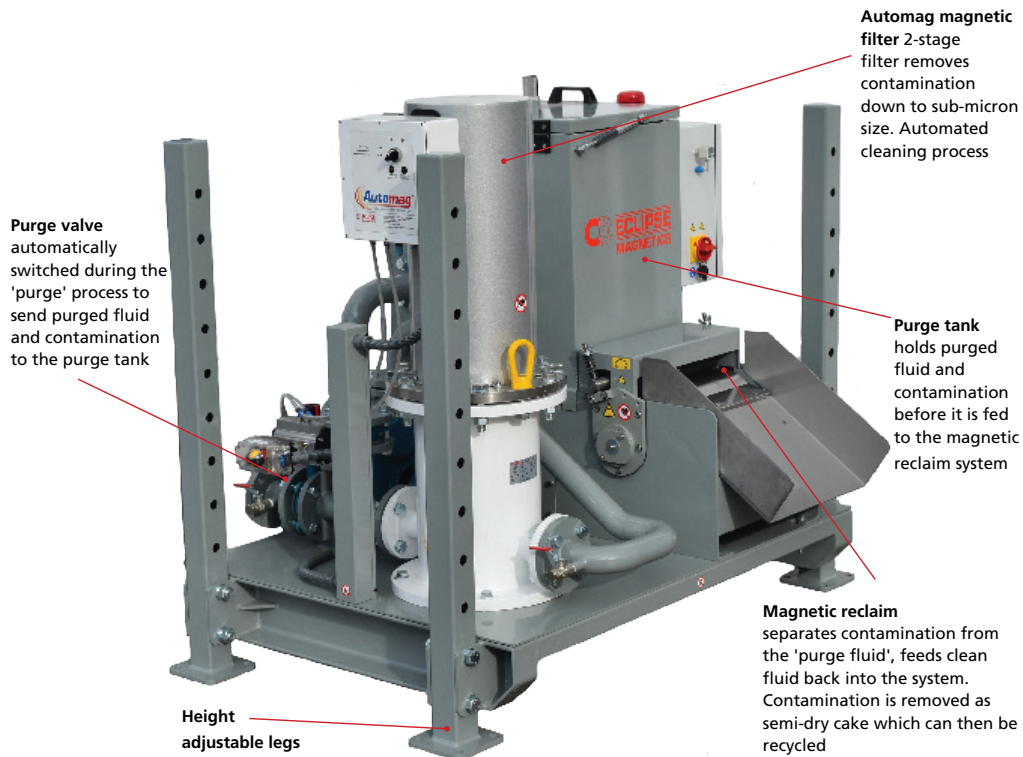


PATENTED DESIGN

Automag Skid



Self-contained, free standing magnetic filtration system. Providing uninterrupted 24/7 filtration. Can be used in-line or with optional integral pump, off-line.

Self-Purging Magnetic Filter

Contamination fluid enters the inlet port where it is dispersed into the first filtration chamber. The fluid passes around the high-intensity 'Rare-Earth' magnetic cores where contamination particles are removed. The fluid is slowed and enters the second filtration chamber where it receives further filtration.

Contamination remains attached to the stainless steel sleeves of the cores. The filtered fluid exits through the outlet port.

The purging process is fully automated. The cores are raised from the sleeves and the purge valve is switched. Fluid is pumped through the filter, washing the contamination from the Stainless Steel sleeves and carrying it into the buffer tank.

Fluid is then slowed and passed onto the coolant roller. This purged fluid is highly contaminated. The flow rate and high magnetic strength of the roller ensure that contamination removal is extremely efficient. The clean fluid is then re-circulated; the contamination is scraped from the roller and collected for disposal or recycling.

Benefits

- Double magnetic length
- High collection capacity
- Removes micron sized contamination
- Self-purging
- 'Rare Earth' high intensity magnetic material
- Compact
- No maintenance

Typical Applications

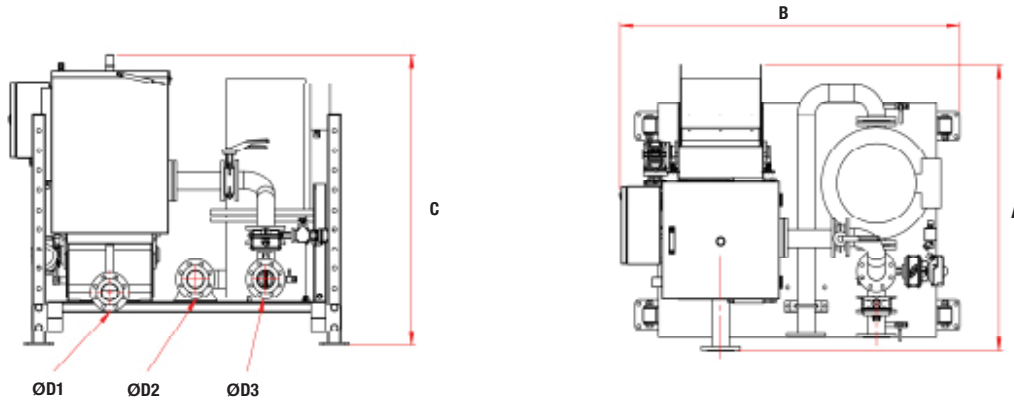
- Grinding
- Honing
- Milling
- Fine finishing

Installation Options

Pre and post fluid holding tank, machine or process.



Technical Data



Model	Number of cores	Maximum flow rate		Contamination capacity lbs	Max. operating pressure psi	Dimensions inches						
		gallons/min.	ft ³ /hour			A	B	C	D1	D2	D3	Flanges
AM6 Skid Single	6	119	954	15	145	51.2	60.6	50.8 / 86.2	3	2	2	ANSI
AM6 Skid Double	12	238	1907	30	145	51.2	89.4	50.8 / 86.2	3	2	2	ANSI
AM12 Skid Single	12	238	1907	30	145	57.8	68.6	58.7 / 94.1	3	3	3	ANSI
AM12 Skid Double	24	476	3814	60	145	57.8	97.4	58.7 / 94.1	3	3	3	ANSI
METRIC		ltrs/min.	m ³ /hour	kgs	bar	mm						Flanges
AM6 Skid Single	6	450	27	6	10	1300	1540	1290 / 2190	75 (3")	50 (2")	50 (2")	ANSI
AM6 Skid Double	12	900	54	12	10	1300	2272	1290 / 2190	75 (3")	50 (2")	50 (2")	ANSI
AM12 Skid Single	12	900	54	12	10	1469	1743	1490 / 2390	75 (3")	75 (3")	75 (3")	ANSI
AM12 Skid Double	24	1800	108	24	10	1469	2475	1490 / 2390	75 (3")	75 (3")	75 (3")	ANSI

Product Data

Self contained filtration and fluid recovery system for higher flow, higher contamination applications. 24/7 automated operation.

- Inline / offline filtration
- Automatic self-cleaning filter (air operated)
- Magnetic coolant roller for full recover of fluid used in cleaning process
- Temp. range: 41°F to 158°F (filter unit) (5°C to 70°C (filter unit))

*Units can be supplied with a single filter, or double filters for duplex operation