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A2E Environmental Solutions Ltd
亞歐環保電機有限公司

A2E Environmental Solutions Ltd.

We are happy to discuss a solution
for your Industrial application

Filtration:

Paper Band Clarifier	Coolant Centrifuge
Magnetic Drum Filter	Hydrostatic Filter
Rotary Drum Filter	HydroCyclone Filter
Oil / Water Separators	Vacuum Filter
Filter Media	

Swarf Processing & Handling:

Steel Belting	Steel Belt Conveyors
Swarf Wringer	Swarf Shredder Swarf Briquetting Press

Vehicles:

Quad	ATV	Go-Kart	DuneBuggy
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Energy Savers:

LED Bulbs	Wind Turbines	Solar Water Heating
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Consultancy Services:

Imports	Exports	Shipping/Freight
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Engineering Services by
Our man in China & with Your man in the UK

Web: www.a2e-es.com

Tel: 07818 086650

A2E Environmental Solutions Ltd reserves the right to change specifications, equipment, materials, colour or any other item without notice. Please confirm full specification prior to purchase. Safety note: These machines could be hazardous if operated by unskilled workers: Always read, act & obey to the owners/maintenance manual. Always wear safety gear as necessary, ie. Helmet, boots, gloves etc when operating these machines.



A2E Environmental Solutions Ltd

Quality Imported Products, by
Our man in China & Your man in the UK



Rotary Drum Filter

Model: - A2E-FRD



*Fully automatic ~ Self Cleaning
High Flow rates
High Levels of Filtration*

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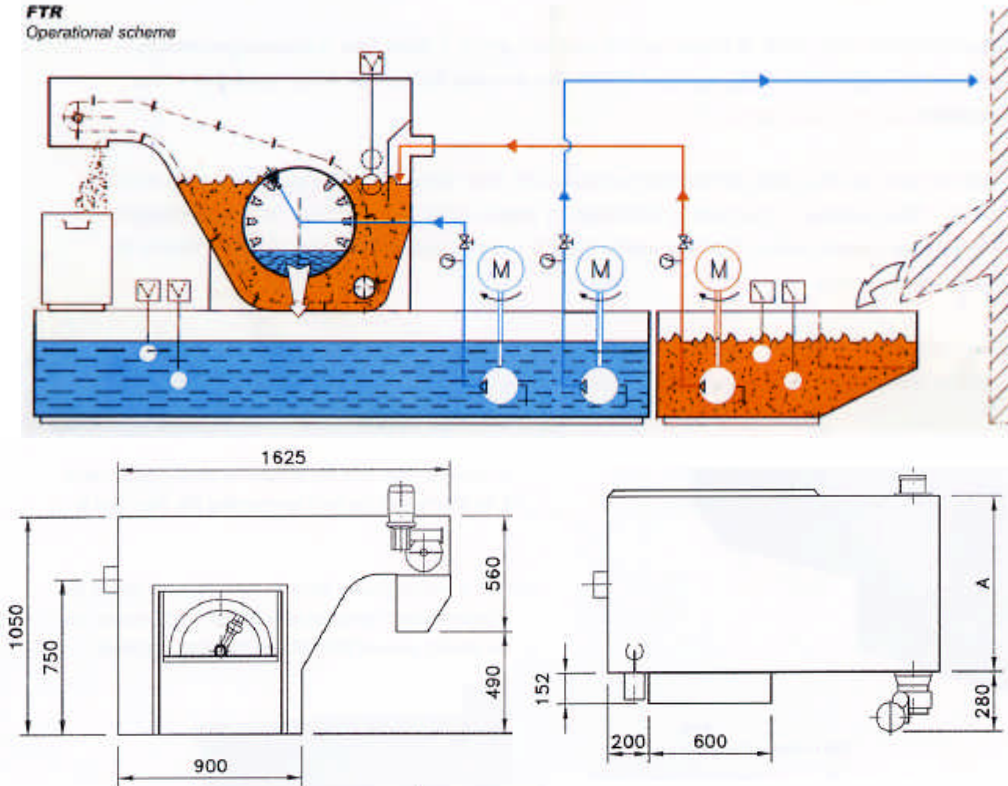
Rotary Drum Filter

Model: - A2E-FRD

Design

The Self Cleaning Rotary Drum Filter has a dredge conveyor & Fine Stainless Steel Mesh covered Rotating Drum with large filter area. This filter is fully automatic and includes a clean coolant tank, drive unit, control system and liquid pump.

FTR
Operational scheme



Model	Flow rate (lpm) oil - coolant	Width 'A' (mm)	Length (mm)	Height (mm)
FRD 300	100 - 300	600	1700	1050
FRD 600	300 - 600	850	1700	1050
FRD 900	600 - 900	1100	1700	1050
FRD 1200	900 - 1200	1450	1700	1050

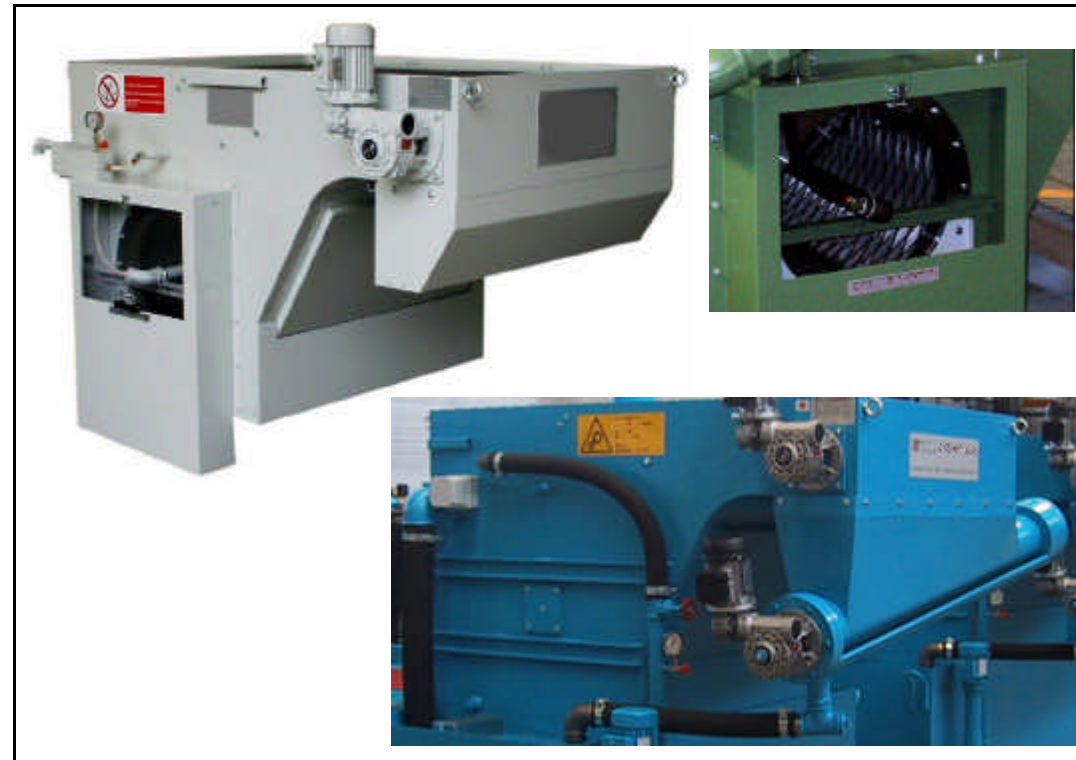
Function

Dirty coolant flows into the filter inlet. The coolant flows through the mesh covered rotating drum, which lies above the dredge conveyor. Particles are captured on the outside of the drum. When the filter mesh requires cleaning, an automatic backflushing system cleans the mesh from inside to out. The particles are then removed from the system with the dredge out conveyor. The clean coolant flows from the inside of the drum into a clean tank situated below.

Options: Nylon or Stainless Steel filter mesh. Magnetic Pre filter on top which will reduce heavy stock removal and allow finer filter media to be fitted. Dirty Scavenge Pumping Station. **Sludge Drying Screw.**

Applications

Suitable for Machining, Grinding, Industrial Washing Machine processes and other machining applications on oil or water based coolants, emulsions.



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