

Reduce Reuse Recycle



SE SERIES



EXCELLENCE IN OIL FILTRATION

- **COST SAVINGS.**
- **ENHANCES EQUIPMENT LIFE AND RELIABILITY.**
- **ENVIRONMENTAL RESPONSIBILITY.**



STABILISES THE OIL CONDITION TO EXTEND OIL LIFE!

FEATURES:

- Compact and light off-line bypass oil cleaners.
- Effectively removes all the particles that are usually very difficult to remove with conventional filters, and performs a total cleaning of the oil by removing **solid particles**, absorbing **condensed moisture** and eliminating **sludge** and other oil **oxidation residues**.
- Built around a very compact power pack, they can easily be connected to the oil reservoir.
- The standard version comes fully equipped with a metal suction strainer and an on/off switch box with thermo-protection. All units have a mounting bracket for quick installation and a pressure gauge to check the element contamination level.
- All SE off-line oil cleaners are fitted with M-series 3μ absolute filter elements (beta ratio $\beta_3 > 929$).
- Standard units are suitable for systems with an oil tank capacity of up to 1000 litres.
- The same machine can be used for different grades of oils, just by inserting suitable filter element.
- Low running cost, easy installation & maintenance.
- Also available for water glycol fluids with coated housing and WG element.

BENEFITS:

- Prevents Hydraulic related failures and downtime.
- Retards Oxidation and Extends Oil life.
- Increases the life of Hydraulic components, pumps, valves, seals etc.,
- Improves machine reliability and productivity.
- Completely safe and simple to operate.
- Reduces maintenance cost.

TYPICAL APPLICATIONS:

- Injection moulding machines.
- Die-casting machines, metal working machines, like bending, cutting & punching machines.
- Wind Mills and Hydro Power Plants
- All hydraulic systems with high pressure and fitted with servo valves or proportional valves etc. and other precision hydraulic equipment.

3 EFFICIENCIES OF TRIPLR R FILTER ELEMENT



REDUCE OIL CONSUMPTION BY 60-70%

A clean oil is your best Insurance

- 1 Filter New Oil- Because new oil is not clean
- 2 Keep Oil Clean-Remove particle contamination and Moisture
- 3 Reduce hydraulic break downs by 80%+



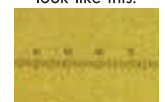
New Oil From Barrel



Don't let your oil look like this!



System with ineffective Hydraulic Oil filtration



Oil after Filtration with Triple R systems

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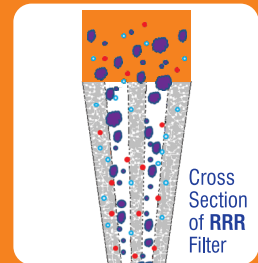


The TRIPLE R Concept, 3-in-1 Oil Cleaning

Triple R's axial flow principle provide a 114 mm filter thickness.

Revolutionary Media and Element Design are at the heart of every Triple R Bypass OilCleaner, and enables us to guarantee up to 99% filtration effectiveness.

We call it "Oil Cleaning" instead of oil filtration



THE ABILITY TO:

- Removes contaminants which regular filters cannot
- 1. Removes micron size solid particles
- 2. Removes condensed moisture
- 3. Removes and reduces oxidation products
- Outside paper drum compresses the lower part to increase the density
- (Multi-stage filtration protects from pressure surge.)
- A non-woven sheet protects the base of the element.
- Cost efficient and achieving superior results than other products.

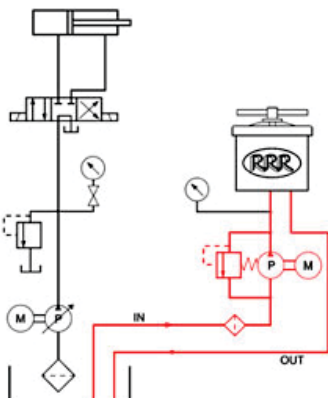
All within one filter element, which differentiates Triple R from every other filter in industry.



- Big particles are retained at the top of the filter
- Small particles are trapped in the mid part of the filter element
- The smallest particles are trapped in the lower and compressed part of the filter element

TECHNICAL SPECIFICATIONS:

Model	SE100-YT+	SE200E	SE300E	SE400E
Article nr. 230V Article nr. 400V	TR-13612 TR-13615	TR-0200 TR-0205	TR-0300 TR-0305	TR-0400 TR-0405
Flow Rate	2.11 /m	4.0 1/m	6.0 1/m	8.0 1/m
Motor	230V x 1-50Hz or 400V x 3-50Hz			
Power	90W	0.37 kW		
Thread In/Out	3/8” In/Out		1/2” In/Out	
Element Type	100 size, M-E-D-WE type			
Nr. of Elements	1	2	3	4
Max Pressure	Relief valve opens at 4,5 bar ΔP			
Weight kg	14.0	23.0	27.0	40.0
Dimension cm	28X28X42	47X40X37	61X47X37	61X47X37
Tank Capacity (Ltrs.)	1000	2000	3000	4000



OM TRIPLE R INDIA PRIVATE LIMITED

6-3-1186/A/6, 3rd Floor, Chinna Bal Reddy Building,
Lane Adj. ITC Kakatiya Hotel, B.S. Maktha, Begumpet,
Hyderabad-500016, TS, INDIA

email: info@triple-r-india.com Mobile: +91 88855 12196/98853 15327

