

- 1 3-IN-1 ABSOLUTE OIL CLEANING**
- 2 INCREASING MACHINE RELIABILITY & MACHINE PRODUCTIVITY.**
- 3 ENVIRONMENTAL RESPONSIBILITY**



SE100E-WH - wall mount



SE100E-BH with optional leakage tray

## ENGINEERED TO REMOVE SOLIDS + WATER + SLUDGE!

### FEATURES

- Compact and light off-line bypass oil cleaners.
- 3-in1 Oil Filtration = effectively removes all the particles that are very difficult to remove with full flow filters, and performs an absolute Oil Cleaning by removing solid particles, absorbing water and eliminating sludge and oil oxidation residues.
- Built around a very compact power pack, SE-filters are connected off-line to an oil reservoir.
- Low running cost, easy installation & maintenance.
- Available in various setups, various motor versions and ATEX certified.

### ENVIRONMENTAL PROTECTION

- Triple R filters effectively clean the oil (down to NAS 6 or ISO 15/12) and stabilize the oil condition.
- That results in a significant increase of oil life and a significant reduction of oil consumption and oil disposal cost.
- Practice has proven that 50.000 hours of operation, or oil usage for up to 10 years can be achieved while maintaining all the oil properties.

### BENEFITS

- Improves productivity and machine reliability.
- Prevents breakdowns to the hydraulic equipments.
- Longer life of all hydraulic components, pumps, servo-valves and other equipment.
- Saves significantly on oil consumption by extending oil life, up to 50.000 hrs. or 10 years.
- Very important reduction of the oil consumption cost and the resulting waste oil expenses.
- Discharges the very expensive full flow filters and extends their life (50% - 80% cost saving!).
- Significant reduction of maintenance expenditures.

### TYPICAL APPLICATIONS

- Injection moulding machines
- Die-casting machines, metal working machines, like bending-, cutting-, punching machines.
- All hydraulic systems fitted with proportional or servo-valves- and other dirt-sensitive components.
- Also available for Diesel fuel, high viscosity oil or water glycol fluids.

## TECHNICAL SPECIFICATIONS

| MODEL *         | SE50E-BH                        | SE100E-BH                         | SE200E-BH       | SE400E-BH       | SE600E-BH          |
|-----------------|---------------------------------|-----------------------------------|-----------------|-----------------|--------------------|
| Article nr.     | SE50BH                          | SE100BH                           | SE200BH         | SE400BH         | SE600BH            |
| Flow rate       | 1,6 l/m                         | 2,5 l/m                           | 5,0 l/m         | 9,0 l/m         | 12,0 l/m           |
| Motor           | 230Vx1 or 400Vx3, 50/60Hz       |                                   |                 |                 |                    |
| Power           | 0,12 kW (230V) - 0,18 kW (400V) |                                   |                 | 0,37 kW         |                    |
| Thread In/Out   | 1/2" IN and OUT                 |                                   |                 |                 | 3/4" IN - 1/2" OUT |
| Element type    | 50 size<br>M - E - X            | 100 size, M - E - X - D - WE type |                 |                 |                    |
| Nr. of elements | 1                               | 1                                 | 2               | 4               | 6                  |
| Max pressure    | pressure relief set at 6,0 bar  |                                   |                 |                 |                    |
| Weight kg       | 17,0                            | 17,4                              | 23,0            | 40,0            | 50,0               |
| Dimension mm    | 363 x 230 x 460                 | 385 x 230 x 460                   | 470 x 400 x 370 | 610 x 470 x 370 | 1080 x 470 x 370   |

\* Above tabel is showing the most current models. Models for Diesel fuel, high viscosity oil, water glycol fluids, phosphate ethers are available too. Also various setups, motor versions and ATEX certified systems. Consult your local distributor.

## FILTER MODEL SELECTION CHART

| MODEL*    | 500 LITER | 750 L | 1000 L | 1500 L | 2000 L | 4000 L | 6000 L |
|-----------|-----------|-------|--------|--------|--------|--------|--------|
| SE50E-BH  |           |       |        |        |        |        |        |
| SE100E-BH |           |       |        |        |        |        |        |
| SE200E-BH |           |       |        |        |        |        |        |
| SE400E-BH |           |       |        |        |        |        |        |
| SE600E-BH |           |       |        |        |        |        |        |

\* Selection criteria can be different depending on the machine condition and machine environment, the oil type, the oil viscosity and the operation conditions (gray area).

## CONNECTING OFF-LINE TO AN OIL RESERVOIR

All SE - Filter systems are CE-certified.  
Please consult our instruction manual before  
connecting the SE-filters to your machinery.



SE400E-BH



SE600E  
on support tray

