

1. *Cost saving*
2. *Improving production reliability*
3. *Environmental responsibility*



Stabilises the oil conditions to extend oil life!

Features:

- Very 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 **water** 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 a Moeller 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 2 μ absolute filter elements (beta ratio $\beta_2 > 400$).
- Low running cost, easy installation & maintenance.
- Also available for water glycol fluids with coated housing and WG element.

Benefits:

- Prevents trouble to the hydraulic equipments.
- Improves machine reliability and productivity.
- Longer life of all hydraulic components, pumps, servo-valves and other equipment.
- Extends oil life by up to 40.000 hrs.
- Very important reduction of oil consumption and the resulting waste oil.
- Discharges the full flow filters and extends their life.
- Important reduction of maintenance costs.

Typical applications:

- Injection moulding machines
- Die-casting machines, metal working machines, like bending-, cutting-, punching machines.
- All hydraulic systems with continuous pressure and fitted with proportional or servo-valves, and other high-tech hydraulic equipment.

Technical specifications

Model	SE30N-YT	SE50N-YT	SE100N-YT	SE100NW-YT
Article nr. 230V Article nr. 400V	TR-13441 TR-13411	TR-13541 TR-13511	TR-13641 TR-13621	TR-13*** TR-13***
Flow rate	1,2 l/m	1,8 l/m	2,3 l/m	1,8 l/m
Motor	230Vx1-50Hz or 400Vx3-50Hz			
Power	90 W			
Thread In/Out	3/8" IN/OUT			
Fluid type	Hydraulic oil			Water Glycol fluids
Element type	M30	M50	M100	WG100
Nr. of elements	1	1	1	1
Max pressure	Relief valve opens at 4,5 bar ΔP			
Weight kg	11,5	12,0	14,0	14,0
Dimension mm	256 x 277 x 399	262 x 277 x 405	282 x 238 x 420	282 x 238 x 420

Filter model selection chart

Model	Liter 350	Lit 550	Lit 700
SE30N-YT			
SE50N-YT			
SE100N-YT			
SE100NW-YT			

Connecting off-line to an oil reservoir.

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

