

# QUICKSEP® Serie 3000

(Oil separator L3001)



Aerates and separates oil and surface chips (sludge) from emulsions as well as from:

- Wash baths
- Hardening baths
- Degreasing baths
- Water

Available in various sizes up to 600 l / h

The consequent application of different physical laws in the separator type **QUICKSEP L3001 MK II** as well as the optimal combination of the suction float and the pump are responsible for the very high separation efficiency of these units.

The unwanted and free oils are thoroughly separated from all contaminated fluids such as metal cutting emulsions, wash baths, hardening baths etc. The clean medium from which the unwanted oils have been separated flows back to the treatment tank by gravity. The separation performance lies at over 98% when demulsifying fluids are used.

Except for the pump and the motor there are no moving parts within the oil separator **Quicksep L3001 MK II**. Due to this fact maintenance costs are reduced to a minimum of rinsing the unit once or twice per year.

The standard execution of the oil separator **QUICKSEP L3001 MKII** is delivered completely with oil tank with overflow protection, hydraulic dry run protection for the pump (eccentric "MONO"-type pump only), as well as feed and return tubes.

For the aspiration in emulsion tanks a variety of suction floats are available to suit specific requirements. A pre filter, air sparger under the filter media bed, air operated membrane pump etc. are available as options.

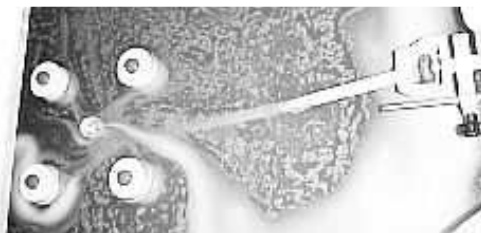
All units are built for ambient temperature. Special reinforced units for temperatures over 40°C up to 80°C are available on special request.

**Technical data for stationary unit type QUICKSEP L3001 M II (mobile execution as option):**

Dimensions:	Width	580 mm	(without pre filter)
		760 mm	(with pre filter)
	Depth	420 mm	
	Height	1'220 mm	(mobile execution)
Volume:		56 litres	
Net weight:		approx. 40 kg	(mobile execution)
Pumping capacity nominal:		approx. 300 l/h	
Pumping capacity effective:		approx. 120 l/h to 150 l/h	
Drive:	electric	3x400 Volt, 0,35 kW, resp. 230 V, 012 kW	
	Option	Air operated membrane pump or peristaltic pump	

**Accessories:**

**Suction floats:** Various standard floats are available ex stock. Specially designed floats to customers requirements can be manufactured on short turn.



**Pre filter:**

Used for floating metal chips and other impurities. Standard mesh of filter bag = 420 my.

