

STATIONARY FOREIGN OIL SEPARATOR BOS-S100



Device overview:

The BOS-S100 oil separator is an ideal solution for any machine where there is a foreign oil problem.

Thanks to the unique design of the separator, the foreign oil is removed from the emulsion tank, resulting in better oxygenation of the emulsion, thus eliminating anaerobic bacteria and significantly extending the service life of the process medium.

Operating Principle:

The separation process is based on pumping the machining fluid through a specially designed coalescer, thanks to which 90% of foreign oils are separated. Then the purified emulsion is returned to the machine's tank. Compact design and by-pass operation ensure easy installation, trouble-free operation and high separator capacity.



Technical specification:

| AVAILABLE MODELS | |
|--|-----------------------|
| Separator Chamber Capacity | 50 L |
| Dimensions (L x W x H) | 679mm x 347mm x 509mm |
| Weight | 28kg |
| Suction Height | 1,5m |
| Nominal Flow Rate | 5l/min |
| Operating pH (pH) | 6,5-11 |
| Operating Temperature | 5 ÷ 55°C |
| Filtration accuracy | 5 µm |
| Particulate filtration (settling filter) | 1000µm |



For further details, please scan the QR code or visit <https://www.q8oils.com/>

Main Advantages:

- Foreign oil separation effectiveness up to 90%
- Emulsion service life extension
- No consumables
- Pre-filter
- Cutting tools wear reduction
- Machine downtime reduction due to emulsion condition
- Disposal costs reduction
- Oil mist reduction in the production area
- Powered by compressed air only
- Operation in by-pass mode
- Compact design
- Small dimensions