



LBS-K4

MOBILE FILTRATION SYSTEM



Lubroservice



FILTRATION

The LSB-K4 mobile combined recycling system is a wheel-mounted device with an easily handled 450-liter capacity storage tank, an electric pump, cartridge filter system and phase converter. The whole system is designed to ensure ease of use and optimum performance.

Thanks to the integrated phase converter, one single system is able to perform 4 different types of operation:

- Fluid suction from the system tank to the LBS-K4 process tank.
- Filtration (grade and type to suit requirements) and closed circuit regeneration of the previously drawn in fluid, by means of the stainless steel filtering cylinder.
- Pumping of the treated and regenerated fluid from the LBS-K4 process tank to the system tank.
- Filtering and regeneration via the bypass on the tank (the decantation method can be employed thanks to an optional oil separator).

Benefits:

Extremely versatile and sturdily built, the filtration system provides a great many benefits and is able to cut the cost of fluid management.

- Optimum process fluid regeneration
- Speedier management operations
- Less waste to dispose of
- Ease of use
- Reduced consumption
- Optimization of environmental impact
- Less maintenance required
- Improved cooling lubricant efficiency



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Mobile combined recycling system.

Casing:

- 450 liters Special material.

Aspiration:

- Aspiration: hose pipe. Recirculation by electric pump.

Suction pump:

- Suction and transfer flow rate up to 65 l./min.
- Filtration and Bypass 65 l./min.

Filtration:

- Various types of filter cartridges to suit the treated fluid and filtration grade required, 5– 10 – 15– 20 microns, activated carbon, reinforced.

Documentation:

- Operation and maintenance manual, CE certification.

Optional:

- Special versions to suit specific requirements, special electric panel, cartridge clogging pressure switch, Mod. DISOIL oil separator.
- Mod. DISOIL floating pipe oil separator system.

Versions:

- Tank with customized capacity.
- Customized flow rates and filtering grade with additional filter elements available on request.

Applications:

A simple, versatile device which requires very little maintenance, the filtration system is designed to prevent the process fluids in machine tool tanks (oil, emulsions, solutions, etc.), washing systems and so forth, from being contaminated by machining residues and ageing.

Routine maintenance is not required: Just replace the filter elements whenever indicated by the analog pressure gauge on the stainless steel cylinder.



MODEL LBS-K4

Power Supply	V	380/220/110 on demand
Dimensions	cm	120/120/118 h
Max flow rate	L/min	65
Empty weight	Kg	150
Max operating temperature	°C	50
Fluid pH value	PH	5-9,5
Capacity of treatment container	L.	450



Via Libero Grassi, 6/A
42025 Cavriago (RE)
ITALIA



Tel. +39.0522.946181
Fax +39.0522.941844



info@lubroservice.com



www.lubroservice.it



Lubroservice