



cleaning  
systems  
for liquids

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## ▶ OSD 500

### Bypass unit for cooling lubricant, cutting oils and washing-media

OSD 500	Unit	Value
Capacity		
Oil container	ca. l	10
Mud container	ca. l	40
Dimensions		
Length	mm	1420
Breadth	mm	680
Height	mm	1500
Basic weight	kg	275
Suction height (stat.)	mm WS	3000
Separator current	l/h	300-500
Separation particle size	µm	> 2
pH-value	pH	5,5 - 9,5
Temperature	°C	20-65
Noise level	dB (A)	75
Water pressure	p ≥	3,5 bar
Water quality		
Hardness	°dH	6-10
Electricity connection	V/A	400/16
3 phases, N and PE	Hz	50
Connection load	kW/A	2/6

#### Components:

##### Housing

Welded construction of 3 mm sheet steel.  
coexistent designed as collecting tray  
Double out- and inside coat of lacquer  
(NCS-S 2010-R70B)

##### Hoses

Suction hose, Length 4 m, Ø 25 mm  
D-coupler at the end of the hose  
Recirculation hose cleaned medium  
Length 4 m, Ø 20 mm  
Recirculation of mud and oil per 3,5 m, Ø 20 mm

##### Separator-System

Self discharged disk separator  
3-phases-separation, capacity 300-500 l/h

##### Feed pump

Suction pump according to the side channel principle with  
flow regulating valve  
Motor power: 0,22 kW at 400 V 50 Hz

##### Pre filter, as pump protection

Single filter, special steel insert 350 µm





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## Components

### OSD 500:

#### Electrovalve for the feed and the feedback pipeline

To avoid overflow, this option is necessary. If the liquid level is higher than the MKR system, a back flow out of the tanks that has to be cleaned is possible at a malfunction or rather machine down time.

#### Emptying system

Mud container and oil container  
Immersion pump 0,21 kW, 380/440 V, 50 Hz

Optionally different surface suction systems are available.

#### Documentation

Technical changes reserved

Date of last review: 01/17  
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