



cleaning
systems
for liquids

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► SF 500 S

High-performance suction and filter cart for cooling lubricants, washing-mediums and cutting oils.

SF 500 S	Unit	Value
Capacity		
Main tank	ca. l	400
Pure tank	ca. l	160
Oil tank	ca. l	25
Swarf container	ca. l	80
Dimensions		
Length	mm	2700
Breadth	mm	920
Height	mm	1500
Weight	kg	630
Suction height (stat.)	mm WS	2600
Suction capacity	l/min	250
Separator capacity	l/h	500
Separation particle size	µm	> 2
Temperature	°C	< 50
pH-value	pH	5 - 9,5
Noise level	dB (A)	75
Electrical connection	V/A	400/16
3 Phases, Ground	Hz	50
Connected load	kW	9/16

Components:

Housing

Welded-construction with 3 mm steel sheet
Outside- and inside double coating 2-K-varnish
(RAL 5014 pigeon blue)
Switch cabinet, rear hood and swarf-receiver-tank 2-K-
varnish (RAL CS201
R70B grey)

Vacuum-belt-filter

To the coarse separation of swarfs and particles
Fleece length 100 m

Suction hoses

Length 4,5 m, Ø 50 mm, suction tube 0,8 m,
Broad nozzle 100 mm broad
For bypass operation: length 4 m, Ø 25 mm with a
D-coupler, installed

Nozzle set

Reducer Ø 36 mm, extension piece
Length 440 mm, Ø 36mm
Floor nozzle 400 mm broad, crevice nozzle

Separator-system

Eccentric screw pump: transport of the prepurified medium
to the separator
Solid-collecting 3-phases-disk separator:
Capacity 500 l/h
Medium-contacted separator-parts made auf stainless
steel





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Components

SF 500 S:

Emptying system

Vertical inline block pump for leading back the medium from the main or pure tank

5 m emptying hose, Ø 25 mm,
Ball-stop-valve at the end of the hose
3 m emptying hose, Ø 25 mm with a
D-coupler for bypass-operation

Cleaning system

High pressure pump to the cleaning of the emulsions-tanks

400 V -2,6 kW, steplessly adjustable lance nozzle
0-70 bar, 8 m HP-Hose.

Swarf tank uncouplable

Admission of swarfs and mud
Entry ashes for fork-lift trucks
Filter fleece transport (fleece hasp)
Covering cap in the back

Switch cabinet

Siemens-components
Rotary field identification
Time switch clock (timer) for automatic-operation
Phase turning switch
Announcement and safety device of all containers against overflow
16 A-Cekon-plugs with 10 m current cable 5-pol.

Options

- Special cleaning-hose

Lenght 4 m
(For difficulty accessible places, that can not be reached with the rigid lance, for example under the swarf-conveyer.

- Cleaning-opening at the rear

Dimensions: 420 x 150 mm
(We recommend this cleaning opening for the problem-free cleaning of the system.)

- Cleaning door at the rear

Breadth: tank-breadth, height: 500 mm
(We recommend this cleaning opening for the problem-free cleaning of the system.)

- Wheel set for extremely uneven ways

- Float construction (surface exhaust)

- Hose extensions as required

- electric drive with battery and battery charger

(The equipment extends to 378 mm, the weight increases around 165 kg.)

Documentation

- Operation manual
- Wiring diagram

Technical changes reserved

Date of last review 11/08
k/Datenblätter/Neue Datenblätter Ausland/500 S

