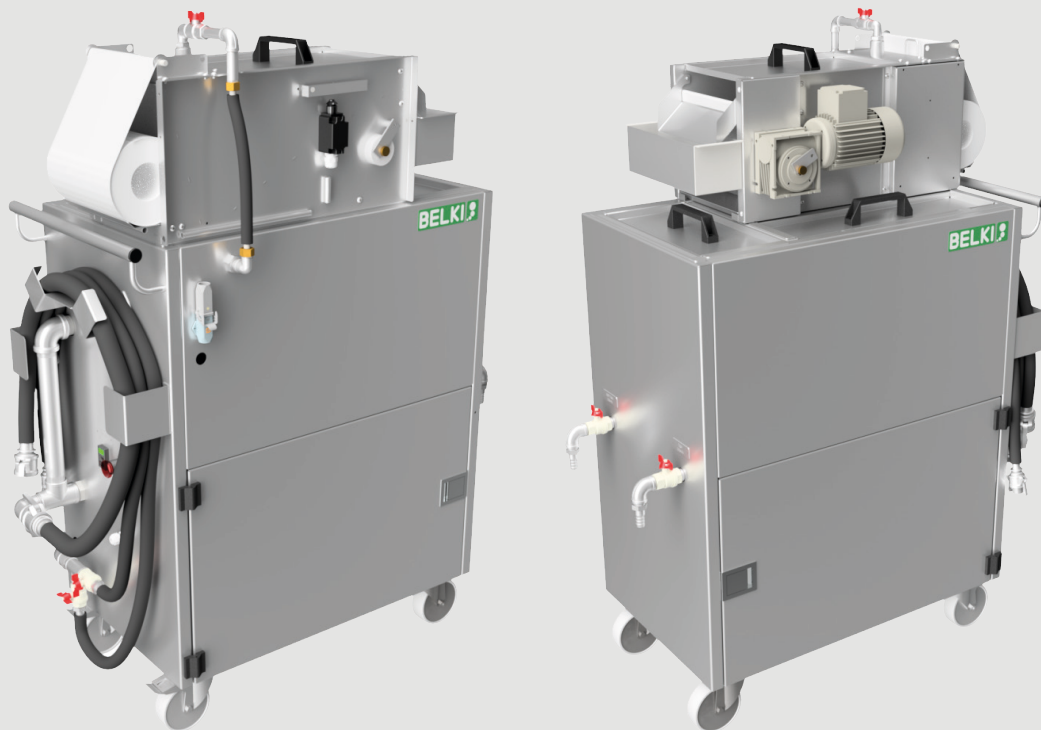


BELKI Smart Unit



Area of use

The BELKI Smart Unit is used to separate particles and tramp oil from process fluids - primarily cooling lubricants. It is a mobile unit that can be easily moved between the individual machine tools. Due to its slim design and the low demands on the electrical supply, this unit is suitable for almost any company.

Operation

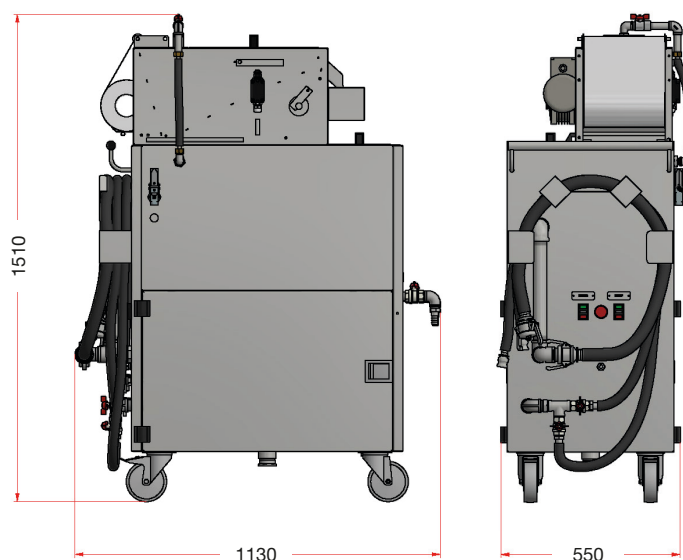
The process fluid is skimmed off by one of the skimming devices of the BELKI Smart Unit, or with a suction device to filter the bottom of the machine sump. The particles are separated via the deep bed filter, the tramp oil is separated via the integrated oil separator. Even the finest ferritic particles can be retained by the optional magnetic filter. The separated oil is stored in an inner tank, the particle load is fed into a sludge box and the used filter paper is automatically wound up. The cleaned emulsion is returned to the machine sump.

Advantages

- Oil separation and filtration in one operation
- Highly mobile and easily adjustable for optimum results
- Power connection via 230 V / 50 Hz connection
- Robust pump for chips up to approx. 4 mm
- An optional magnetic filter ensures that even very fine particles can be filtered out of the emulsion.
- A very effective oil separator increases the lifetime of the emulsion

Technical specifications

		BELKI Smart Unit
Item number		T341-2560-003
Capacity	l/min	20-30
Filter surface	m ²	0,15
Degree of filtration	µm	20-80 (nominal)
Acidity	pH-Wert	5-10
Temperature	°C	20-60
Connection	V/Hz	230 V / 50 Hz
Material		EN1.4301
Power pump	kW	0,25
Power filter	kW	0,12
Weight	kg	275
Length of hoses	m	2x 3/4"x3 + 1x 1 1/4"x3



Suitable accessories (Suction systems, brackets, connection and magnetic filter)

Item number	Type	Surface skimmer	Space required	Min. level	Level variation
T08-08-06-035-D	08	Tilting skimmer fixed, D-cup	110x80 mm	110 mm	35 mm
T632-000-010	45	Cup suction Ø168 with filter	250x185 mm	105 mm	75 mm
T655-000-000	45	Cup suction Ø102 with filter	155x110 mm	85 mm	60 mm

Item number	Type	Bottom suction device	Space required	Min. level	Level variation
T633-006-000	50	Filter suction Ø68x125 mm	Ø70x195 mm	52 mm	-
T633-000-000	50	Filter suction Ø122x275 mm	Ø125x360 mm	80 mm	-

Item number	Type	Brackets for surface skimmer	Principle
T08-008-346	3-4-6	Bracket set 3-4-6	non-magnetic
T08-008-M6	Set 3	Magnet set 3 (6 + magnet)	magnetic

Item number	Type	Camlock connection	Suitable for	
L73-B-506	B 3/4"	Camlock connection	All skimmer	One piece per suction is required

Item number	Type	Magnetic filter	Option for
T341-2560-610	2,5.60	For fine filtration of ferritic particles	BELKI Smart Unit

Presented by / Überreicht durch: