

Kalamit Series

The Tireless Magnetic Separator – The Kalamit series of purifiers for coolants and lubricants is suitable for all machine tools in the metalworking industry. The Kalamit magnetic separator is designed for use with all water based emulsions or neat oils (maximum viscosity of 20°cSt at 40°C) for flow rates from 37 to 500 l/min (10 to 132 gpm). The Kalamit magnetic disk filter does not use any disposable filter media, allowing for easy disposal of solids removed.



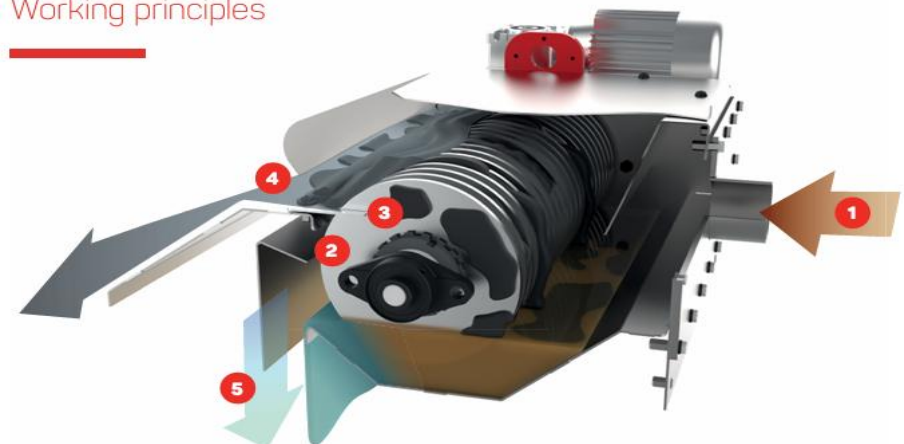
Features:

- Filtration without disposable filter media
- Flow rate 50 to 500 l/min
- AISI 304 stainless steel filter housing

Working Principles:

The contaminated Liquid (1) is conveyed into the magnetic separator. The rotating magnets (2) retain the ferrous particles, which are then removed by special adjustable comb scraper (3) made of AISI 304 stainless steel. The scraper pushes the sludge (4) towards to collection tray, while the liquid (5) flows by gravity onto the collection tank or filterframe. The magnetic disc separator does not require filter media.

Working principles



Best application Solutions:

The Kalamit magnetic separator, made of AISI 304 stainless steel, enables precise separation of magnetic particles in the coolant.

Kalamit, used as a pre-separator, significantly reduces the consumption of filter fabric and improves the efficiency of self-cleaning systems.

The Kalamit Station, designed to meet customers specific needs, is a highly versatile system. It efficiently separates magnetic particles from the coolant in the holding tank and returns it to the machine tool using an electric pump.

The use of AISI 304 stainless steel not only guarantees exceptional durability, but also adds a premium touch of quality and reliability to the purification system.

Kalamit Station

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VASCA DI CONTENIMENTO
standard oppure progettata in base alle esigenze dell'utilizzatore finale.

CONTAINMENT TANK standard or custom-designed for the space requirements of the end user.

SLUDGE TANK
SLUDGE TANK

ELETTROPOMPA per il reintegro in macchina del liquido filtrato.

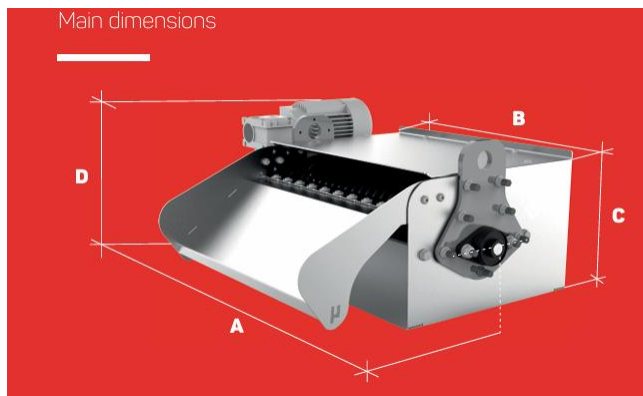
ELECTRO-PUMP for supply clean coolant to the machine tool at the required flow rate and pressure.

QUADRO ELETTRICO DI GESTIONE
per la gestione integrata di tutte le funzioni.

ELECTRICAL CONTROL PANEL
standard or completely customized according to the machine's needs.

DIRTY LIQUID INLET
DIRTY LIQUID INLET

Main dimensions



Model	Emulsion Flow Rate (l/min)	Neat Oil Flow Rate (l/min)	A (mm)	B (mm)	C (mm)	D (mm)	Gear-Motor Power (kW)	Weight (kg)
Kalamit 75	75	37	436	180	220	287	0,12	45
Kalamit 150	150	75	556	300	220	287	0,12	65
Kalamit 250	250	125	716	460	220	287	0,12	130
Kalamit 350	350	175	916	660	220	287	0,12	115
Kalamit 500	500	250	1196	940	220	287	0,12	155