

# UniSep SM 100 magnetic separator – CE standard

## TECHNICAL DATA MODEL UNISEP SM 100

Filtration capacity	100 l/min.
Tank capacity	200 lt.
Groups	Left/SX or Right/DX
Colour	RAL 7035
Voltage	400V – 50 Hz

With neat MAX oil viscosity of 20 cSt at 40°C, flow rates shown are reduced by 50%

Con olio intero viscosità MAX 20 cSt a 40° C le portate indicate si riducono del 50%

## TECHNICAL CHARACTERISTICS

- Framework in electrowelded and painted sheet metal.
- Magnetic rotor group.
- Side support by bearing flange.
- Gearmotor mod. RT 30/40 ratio 1/600 complete with multivoltage 4 poles – motor 0,18 kW for the advancement of the magnetic rotor.
- Mud scraper blade in stainless steel.
- Splash protection top covers in electrowelded and painted sheet metal

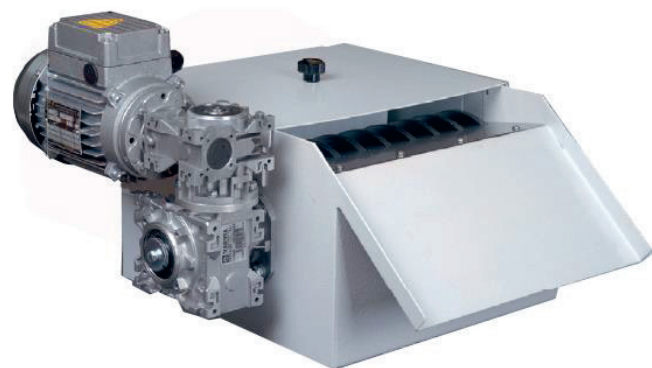
## EXCLUSIONS

- Flow breaker for pump discharge (C Version)

## MAGNETIC CLEANER

This system uses a permanent magnetic field filter. All metallic impurities are collected from the rotating discs and then unloaded into the collection tank.

The SM cleaner does not use vacuum filtering materials and allows the differentiated removal of the waste.



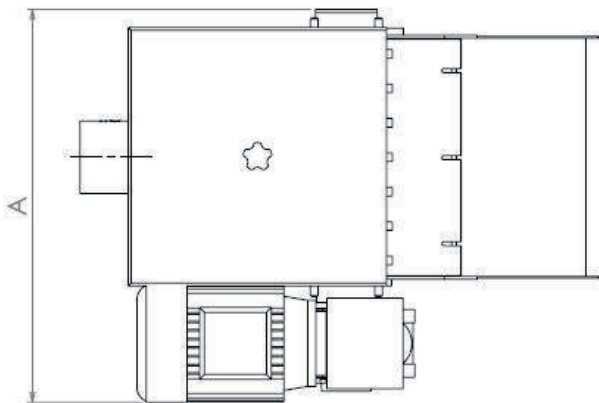
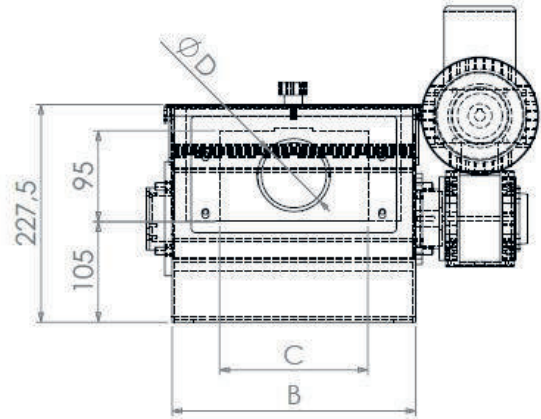
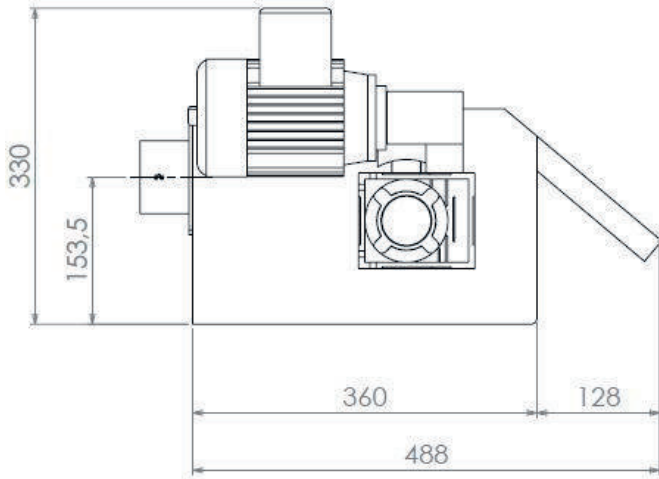
## DEPURATORE MAGNETICO

Sistema che utilizza come filtro un campo magnetico permanente. Le impurità magnetiche raccolte, vengono rimosse dai dischi e scaricate nell'apposita vaschetta fanghi.

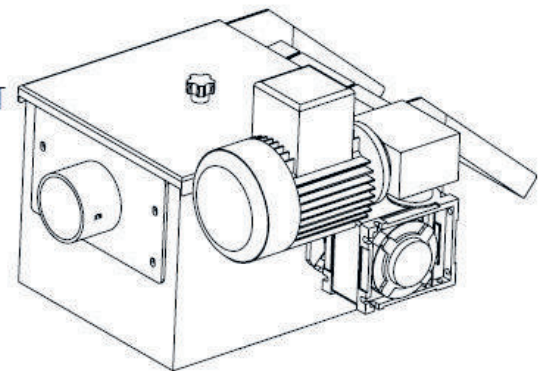
Il depuratore SM non utilizza materiali filtranti a perdere, consente perciò lo smaltimento differenziato dei rifiuti.



# UniSep SM 100 magnetic separator – CE standard



DX - RIGHT  
SX - LEFT



## DIMENSIONS MAGNETIC SEPARATORS SM 100

Model	A	B	C	D	Capacity
SM 100	452 mm	257 mm	155 mm	2" 1/2	100 l/min

\* With pure oil, capacity is reduced of 50 %  
Data and characteristics are not binding and may be subject to change without notice

**UNION**  
Your filtration partner **OILTECH**