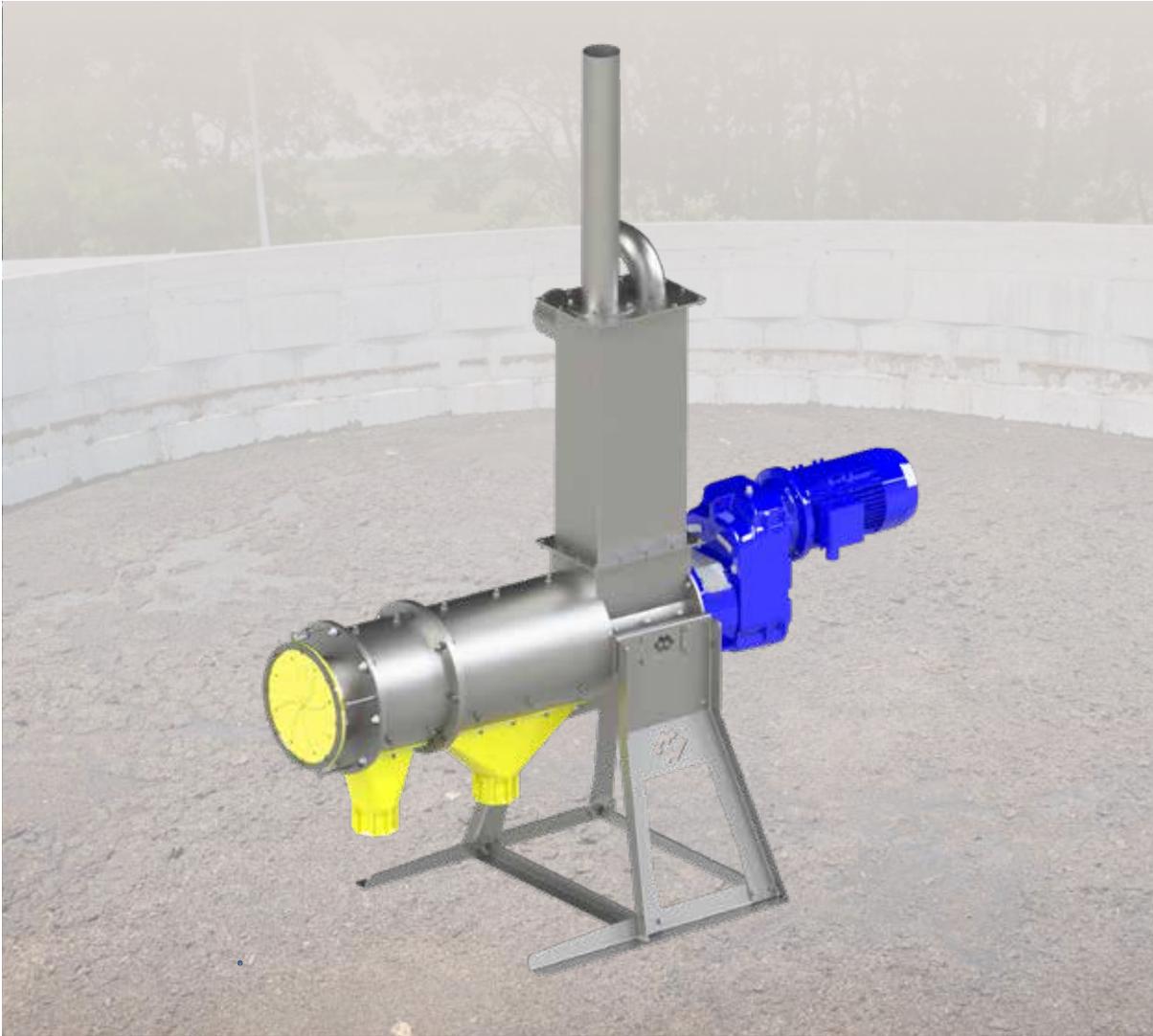


SEPCOM[®] Horizontal Cow Screw Press Separators for Cow Manure



SEPCOM® Horizontal Cow
Screw press separators
for cow Manure

HIGH SOLIDS CONTENT IN SEPARATED SOLID PHASE

SEPCOM® Horizontal Cow is a solids-liquid separator based on screw conveyor technology. The machine separates by both gravity and mechanical compression and is designed to separate the liquid phase from the solid phase in a wide range of materials. Applications include sludge, sewage, manure, digestate, vegetable and fruit processing waste and any solid-liquid mixtures, even where the liquid content within the solids may differ considerably.

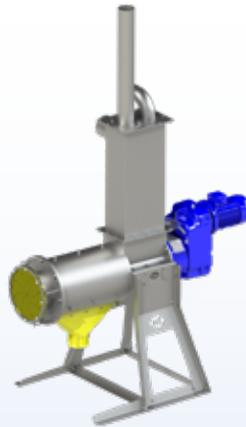
SEPCOM® Horizontal Cow is specialized for cow manure treatment. The separated solid phase and liquid phase produced the can then be handled easily and cheaply.



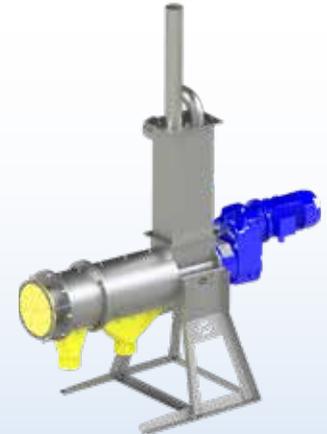
Technical Data



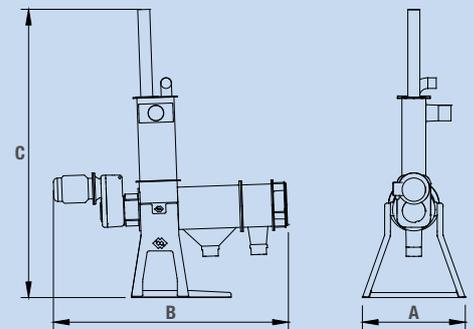
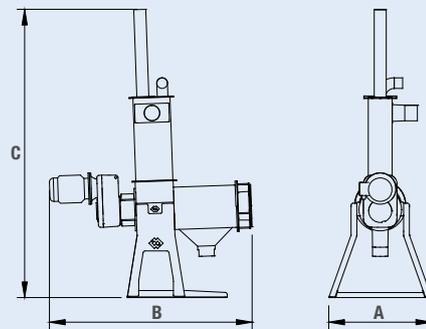
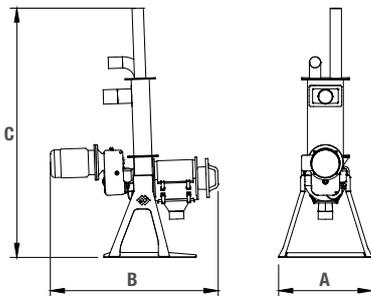
SEPCOM® Horizontal Cow
H1-150-2



SEPCOM® Horizontal Cow
H1-260-2



SEPCOM® Horizontal Cow
H1-260-3



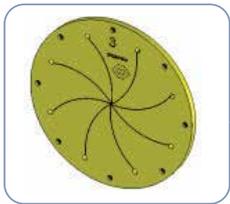
TYPE	Diameter (mm)	Dimensions (mm)			Drive Power (kW)	Weight (kg)
		A	B	C		
H1-150-2	150	660	1,200	1,800	2.2	137
H1-260-2	260	980	1,930	2,770	4.0	485
H1-260-3	260	980	2,230	2,770	5.5	535

Benefits

- ✓ Different screen spacings for optimal separation efficiency
- ✓ Easy maintenance thanks to modular design
- ✓ The self-adjusting counterpressure diaphragm made of SINT™
- ✓ Rugged stainless steel housing, for long-lasting use

Technical Features

- Stainless-steel housing
- IE3 Premium Efficiency electric motor
- 3-phase, 4-pole, insulation class F electric motor
- FPM mechanical seals



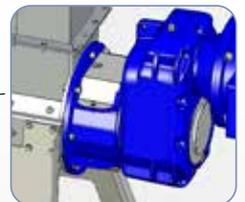
SINT™ outlet diaphragm, available in different back-pressure resistances.



Stainless-steel wedge wire screen is available in different mesh width, ensuring effective capture of the solid particles.



Hopper with overflow forms a stable head over the separator, without requiring the calibration of any sensor.



Gear reducer output flange keeps mechanical components clear from material intake area.



Stainless-steel screw or modular SINT™ ER engineering polymer screw adapt the machine to the specific application.

Accessories

- Plug shelf support
- Rod sensor
- Large hopper
- Level switch

Application



Livestock farming

Throughput Range in m³/h and performance*

TYPE	input Dry Matter %	SCREEN MESH WIDTH (mm)			
		0.25	0.50	0.75	0.90
H1-150-2	1-3	4-7	6-10	7-12	9-15
	4-6	2-3	3-5	4-5	4-6
	7-9	1-2	2-3	3-4	4-5
	10-12	1-2	1-2	2-3	3-4
H1-260-2	1-3	10-25	16-35	20-40	25-45
	4-6	7-12	10-18	12-20	14-20
	7-9	4-5	6-8	8-10	9-12
	10-12	2-3	3-6	6-7	6-8
H1-260-3	1-3	15-40	20-50	30-60	35-65
	4-6	10-20	12-25	18-28	20-30
	7-9	6-7	9-12	12-15	13-18
	10-12	3-4	4-9	7-10	9-12

Output Dry Matter for separated solid: up to 28%

Output Dry Matter for separated liquid: less than 5%

* Values measured in standard operating conditions. Results may differ depending on type of material treated, fiber content and viscosity. Information and illustrations are not binding.

