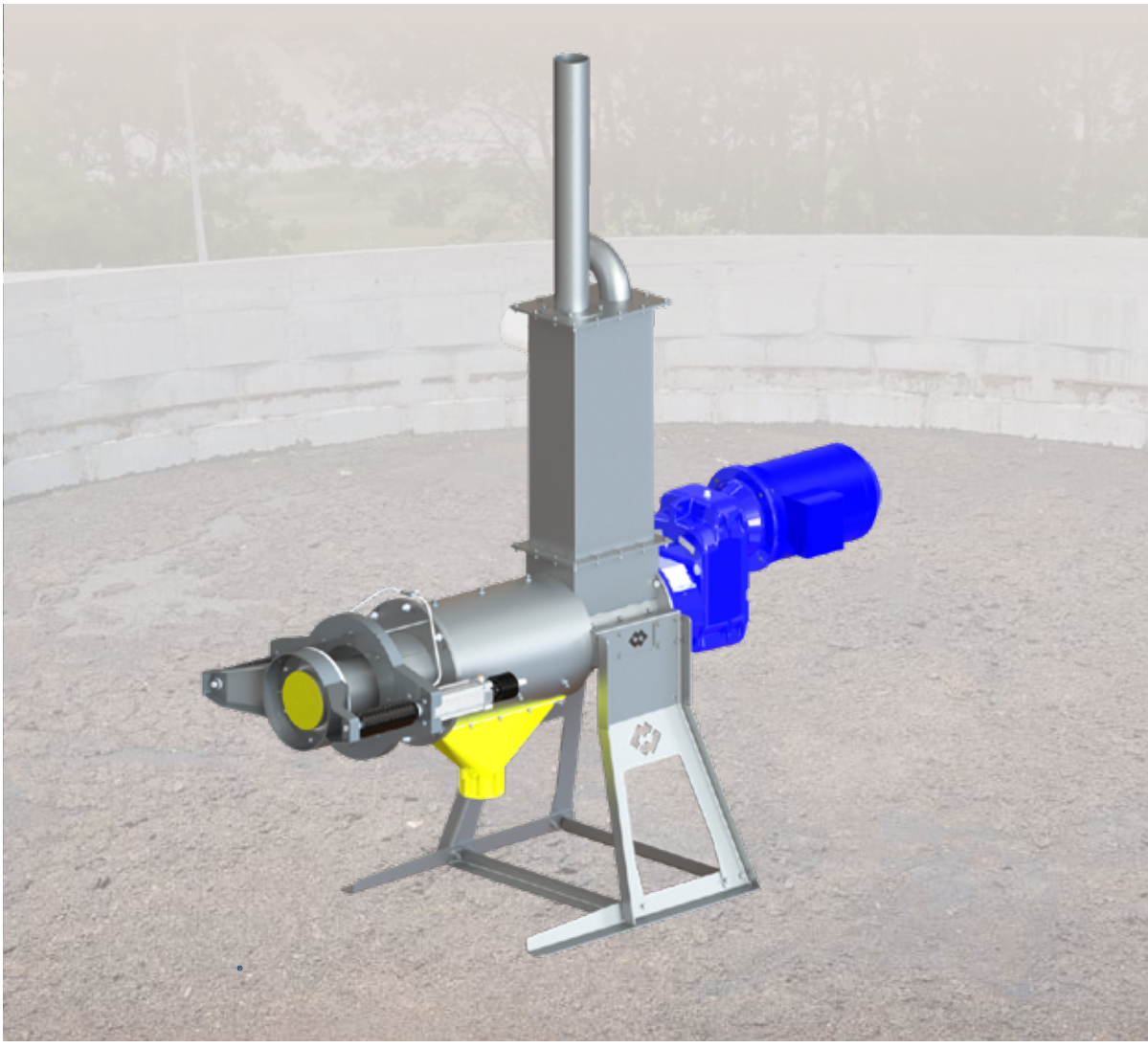
LIVESTOCK FARMING & BIOGAS

SEPCOM® Bedding

Screw Press Separators for Cow Manure and Digestate



SAVECO®

SEPCOM® Bedding
Screw Press Separators
for Cow Manure and Digestate

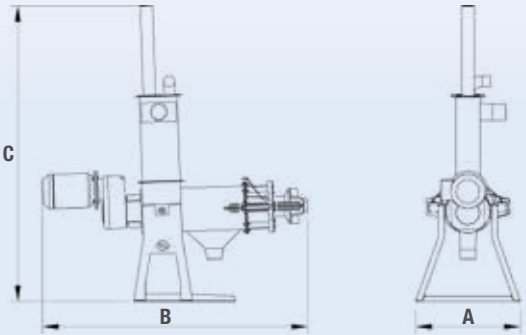
HIGH SOLIDS CONTENT IN SEPARATED SOLID PHASE

SEPCOM® Bedding is a solids-liquid separator based on screw conveyor technology. Performing separation by both gravity and mechanical compression, the machine is designed to separate the liquid phase from the solid phase of cow manure or digestate for green bedding purposes.

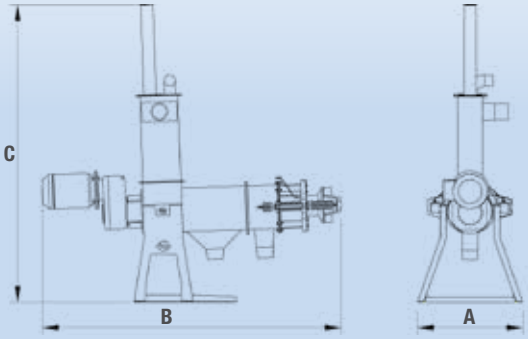
The whole system is ruled by a control unit that adjust the counter pressure on the plug depending on the dry matter of the raw material to treat, this automation allows a constant dryness on the separated solid.

Technical Data

SEPCOM® Bedding
H1-260-2



SEPCOM® Bedding
H1-260-3



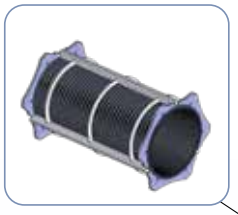
MODEL	Diameter (mm)	Dimensions (mm)			Drive Power (kW)	Weight (kg)
		A	B	C		
H1-260-2	260	980	2,510	2,770	5.5	575
H1-260-3	260	980	2,720	2,770	5.5	625

Benefits

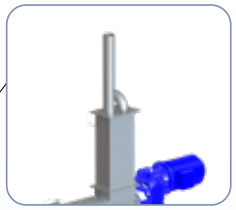
- ✓ **Setting of the desired TS% possible during operation**
- ✓ **Fully automated process thanks to mandatory control panel**
- ✓ **Easy maintenance thanks to modular design**
- ✓ **Rugged stainless steel housing, for long-lasting use**

Technical Features

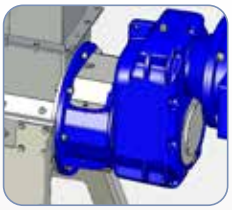
- Stainless-steel housing
- IE3 Premium Efficiency electric motor
- 3-phase, 8-pole, insulation class F electric motor
- FPM mechanical seals
- Automatic greaser for mechanical seals



The stainless-steel wedge wire screen is designed to cope with the high wear of the green bedding application.



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.

Self-adjusting pneumatic outlet guarantees a uniform result for the separated solid phase.

Specialized stainless-steel screw for green bedding purposes.

Accessories

- Control panel (mandatory)
- Air compressor
- Large hopper
- Level switch

Application

Livestock farming
(green bedding from cow manure)

Biogas
(green bedding from digestate)

Throughput Range in m^3/h and performance*

MODEL	Input Dry Matter %	SCREEN MESH WIDTH (mm)	
		0.75	0.90
H1-260-2	1-3	14-18	18-20
	4-6	10-12	13-15
	7-9	6-7	8-12
	10-12	4-5	4-6
H1-260-3	1-3	21-27	27-30
	4-6	15-18	20-23
	7-9	9-10	12-18
	10-12	6-8	6-9

Output Dry Matter for separated solid: up to 40%
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.

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Certified Company

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