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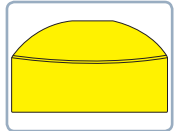
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SEPCOM™ BIOGAS

Solids-Liquid Separators for Digestate



MULTIPLE PATENTS PENDING



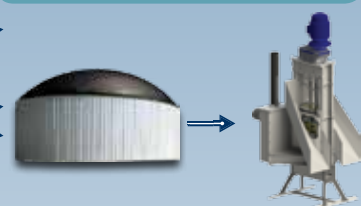
The SEPCOM™ Separator range for BIOGAS plants includes a vertical and a horizontal high performance version, which perfectly meet the requirements of international safety standards for anaerobic digestion plants.

Benefits offered by SEPCOM™ BIOGAS

Vertical SEPCOM™ BIOGAS



Various types of biomass
Pig manure
Fruit and vegetable waste and other food waste (potatoes, beetroots etc.)
Slaughtering waste
O.F.M.S.W.

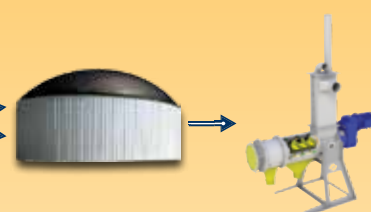


- No leakage of unprocessed digestate:
 - Environmental protection
 - Prevents sanctions by environment supervisory authorities
 - Prevents plant downtime
- Significantly reduced assembly and maintenance time

Horizontal SEPCOM™ BIOGAS



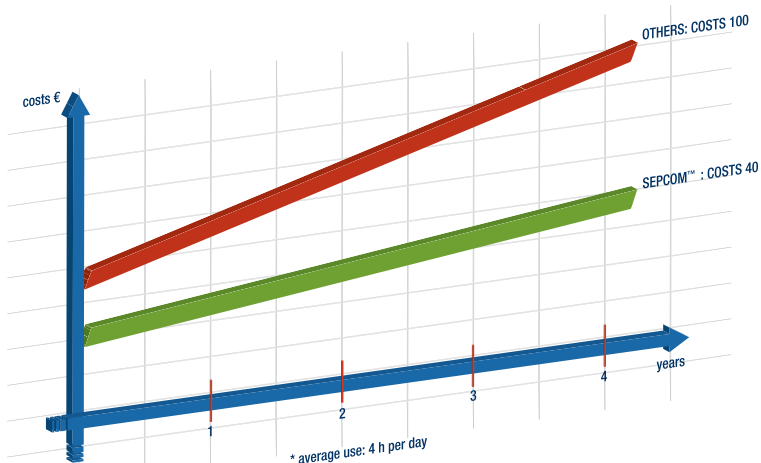
Cattle manure
Wheat silage



- High separation capacity
- Low power consumption

- High performance wear-resistant screens
- Significant overall management cost reduction of solid-liquids separation process in Biogas plants
- Affordable spares

MANAGEMENT COST COMPARISON: SEPCOM™ vs TRADITIONAL SEPARATORS in 5 years*



Distinctive features of SEPCOM™ BIOGAS Separator

Vertical Separator SEPCOM™ BIOGAS

Patent Pending

Vertical screws manufactured from engineering polymer SINT™ ensure no clogging and no solids plug loss

Compensator tank

Vertical access to screen for easy maintenance

Galvanized steel support

Maintenance-friendly drive unit position

Diaphragm outlet: self-adjusting counter-pressure

Patented in various countries

Front chute for quick collection of separated solids

LESS INSTALLATION SPACE REQUIRED:
Reduced overall dimensions along with easy assembly and process control makes the vertical version of SEPCOM™ BIOGAS suitable for all types of plant

Horizontal Separator SEPCOM™ BIOGAS

Compensator tank: available also as 1m³ version pre-arranged for level indicators

Wear-resistant engineering SINT™ polymer or stainless steel screw

Patent Pending

Diaphragm outlet: self-adjusting counter-pressure

Patented in various countries

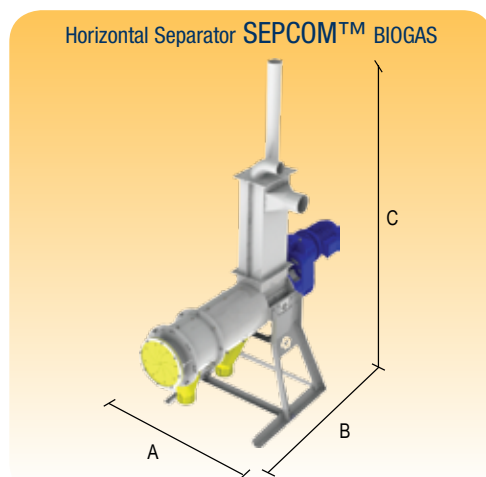
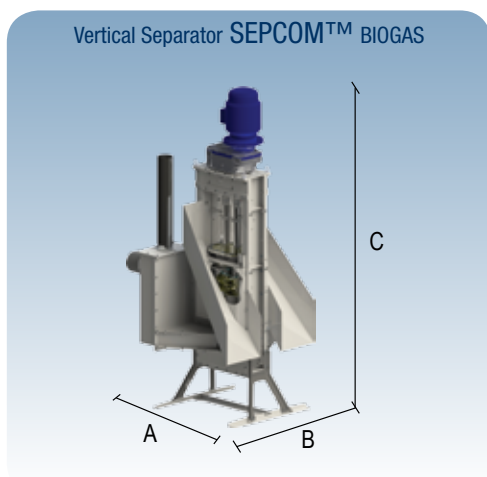
Liquid outlet

Sewage inlet

Overflow

Drive unit design ensures sturdiness of the screw

Galvanized steel support suitable for water pipe connection



RANGE	Diameter	A mm	B mm	C mm	Power kW	Weight kg	Max. Throughput m ³ /h *
SEPCOM® 0150 V	150	1,140	945	2,430	5.5	500	20
SEPCOM® 015	150	660	1,200	1,800	2.2	120	15
SEPCOM® 045	260	980	1,930	2,770	4.0	480	45
SEPCOM® 065	260	980	2,230	2,770	5.5	570	65

* Throughput rate depends on type of material, operating conditions and maintenance.

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