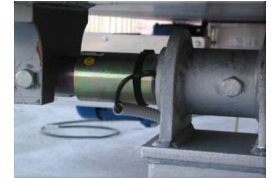
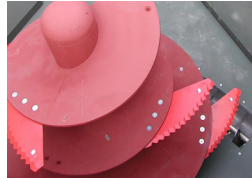


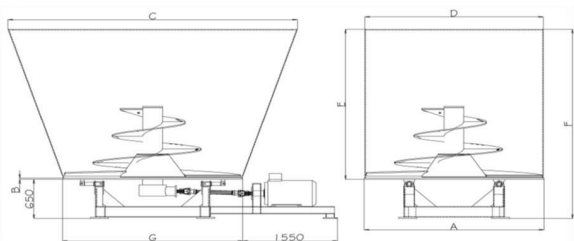
Biomixer with horizontal motors



System suitable for the processing of various biodegradable materials, such as: manure, vegetable processing scraps, agricultural by-products, silage. The material is mixed and shredded by blades bolted to the mixing screw. Discharge can be applied on the bottom of the tank, side wall or front. Manually or hydraulically activated discharge door (where applicable).



OVERALL DIMENSIONS DIAGRAM



Standard outfit:

Mixing tank in painted Fe, galvanised Fe support frame, Fe mixing screw complete with blades, side inspection port, 3-stage angle drive, motor control system equipped with hydrodynamic joint and flexible coupling, weighing system complete with control unit and display.

Optional outfit:

3 mm thick AISI 304 internal wall lining (height on request), 4 mm thick AISI 304 bottom lining, stainless steel mixing screw, supplementary unloading hatch (manual or hydraulic), hydraulically operated AISI 304 roof.

Conveyor screws:

The Biomixer can be paired to fully stainless steel conveyor screws for direct transport to the digester or any pump.

Type 360: delivery rate max. 12 m³/h

Type 450: delivery rate max. 20 m³/h

Lengths and drives are established on the basis of plant layout and customer's specific needs.

Biomixer Dimensions	low. tank length (G)	upp. tank length (C)	low. tank width (A)	upp. tank width (D)	bottom thickness (B)	tank height (E)	total height (F)	motors kW	mix. screw
BM	mm	mm	mm	mm	mm	mm	mm		Nr.
BM 12 m3	2490	3450	2490	2470	20	2020	*2670	22KW	1
BM 14 m3	2490	3800	2490	2470	20	2300	*2950	30KW	1
BM 17 m3	2490	4000	2490	2470	20	2700	*3350	30KW	1
BM 20 m3	2490	4000	2490	2470	20	3020	*3670	30KW	1
BM 35 m3	5000	6200	2490	2470	20	2520	*3170	3 X 37KW	2
BM 40 m3	5000	6200	2490	2470	20	2900	*3550	3 X 37KW	2
BM 50 m3	7500	8850	2490	2470	25	2520	*3170	3 X 37KW	3
BM 60 m3	7500	8850	2490	2470	25	2520	*3670	3 X 37KW	3
BM 70 m3	7500	8850	2490	2470	25	2520	*4175	3 X 37KW	3

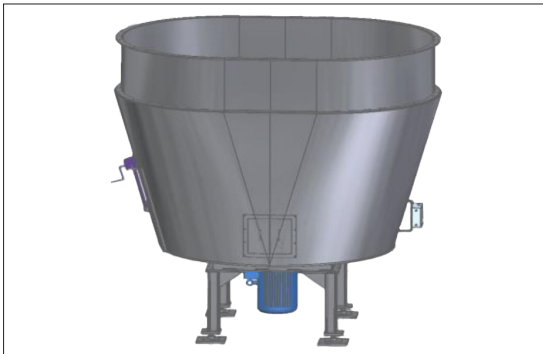
Technical data is indicative only. The manufacturer reserves the right to modify it at any time.

Frame height (from ground to underneath bottom): 650 mm standard. This can be increased on request.

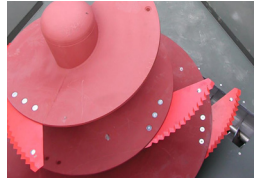
* Height refers to the Biomixer complete with support frame.



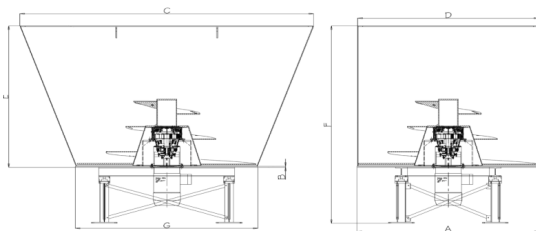
Biomixer with vertical motors



System suitable for the processing of various biodegradable materials, such as: manure, vegetable processing scraps, agricultural by-products, silage. The material is mixed and shredded by blades bolted to the mixing screw. Discharge can be applied on the bottom of the tank, side wall or front, Manually or hydraulically activated discharge door (where applicable).



OVERALL DIMENSIONS DIAGRAM



Standard outfit:

Painted Fe mixing tank, galvanized Fe support legs, Fe mixing screw complete with blades, side inspection port, 3-stage angle drive, motor control system equipped with hydrodynamic joint and flexible coupling, weighing system complete with control unit and display.

Optional outfit:

3 mm thick AISI 304 internal wall lining (height on request), 4 mm thick AISI 304 bottom lining, stainless steel mixing screw, supplementary unloading hatch (manual or hydraulic), hydraulically operated AISI 304 roof.

Conveyor screws:

The Biomixer can be paired with fully stainless steel conveyor screws for direct transport to the digester or any pump.

Type 360: delivery rate max 12 m³/h

Type 450: delivery rate max 20 m³/h

Lengths and drives are established on the basis of plant layout and customer's specific needs.

Biomixer Dimensions	low. tank length (G)	upp. tank length (C)	low. tank width (A)	upp. tank width (D)	bottom thickness (B)	tank height (E)	total height (F)	motors kW	mix. screw
BM	mm	mm	mm	mm	mm	mm	mm		Nr.
BM 12 m3	2490	3450	2490	2470	20	2020	*3110	30KW	1
BM 14 m3	2490	3800	2490	2470	20	2300	*3390	30KW	1
BM 17 m3	2490	4000	2490	2470	20	2700	*3790	30KW	1
BM 20 m3	2490	4000	2490	2470	20	3020	*4110	30KW	1
BM 35 m3	5000	6200	2490	2470	20	2520	*3610	2 X 30KW	2
BM 40 m3	5000	6200	2490	2470	20	2900	*3990	2 X 30KW	2
BM 50 m3	7500	8850	2490	2470	25	2520	*3610	3 X 30KW	3
BM 60 m3	7500	8850	2490	2470	25	3020	*4110	3 X 30KW	3
BM 70 m3	7500	8850	2490	2470	25	3520	*4610	3 X 30KW	3

Technical data is indicative only. The manufacturer reserves the right to modify it at any time.

Height from ground to underneath bottom: 1090 mm standard, can be increased on request.

* Height refers to the Biomixer complete with support legs.

