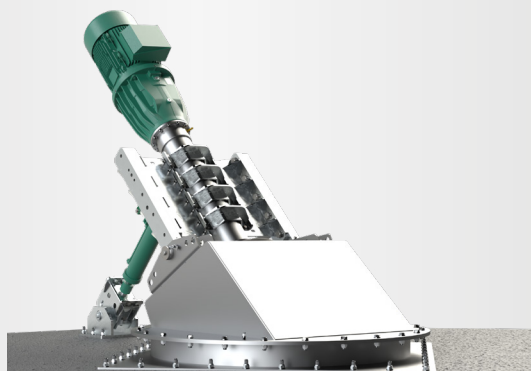


GIANTMIX FTX TOP MOUNTING FTX 150-135




Application

Dry matter content up to 15 %
Substrate temperature up to 70°C
pH-value 6.5 - 8.5

Technical data

Tube length 4.0 / 5.0 / 5.5 / 6.0 m
Tube Ø 159 x 5 mm, ss304 inclusive robust tube within tube technology
30° sealing plate in ss304 other angles as well as ss316 version on request
Sound pressure level 75 dB(A)
Oil inspection glas for monitoring the tightness
Agitator completely manufactured in modular design
POM protection to minimize abrasion

Motor

Motor power: 15.0 kW, 2-poles
High power factor, IE4
400 V, 50 Hz, 2,965 rpm, special tensions on request
PTC thermistors as overheat protection
Ex-Motor  II 3G Ex nA IIA T3 Gc (ex-zone 2)

Gear

Robust 2-staged planetary gear, 1st stage helical geared, low noise level
Reduction ratio $i = 22.0$
Longlife gear oil Blasia SX 320
Oil change after 12,000 operating hours

Bearing

2 tapered roller bearings to absorb the axial forces
Mechanical seal SiC/SiC, independent of rotation direction
Interim slide bearings for the drive shaft



Propeller

3-blade high efficiency propeller, dynamically balanced
FTX | 15.0 kW | propeller XT 1200-13 | 135 rpm
ss304, optional ss316

Tank openings

1,100 x 1,100 mm

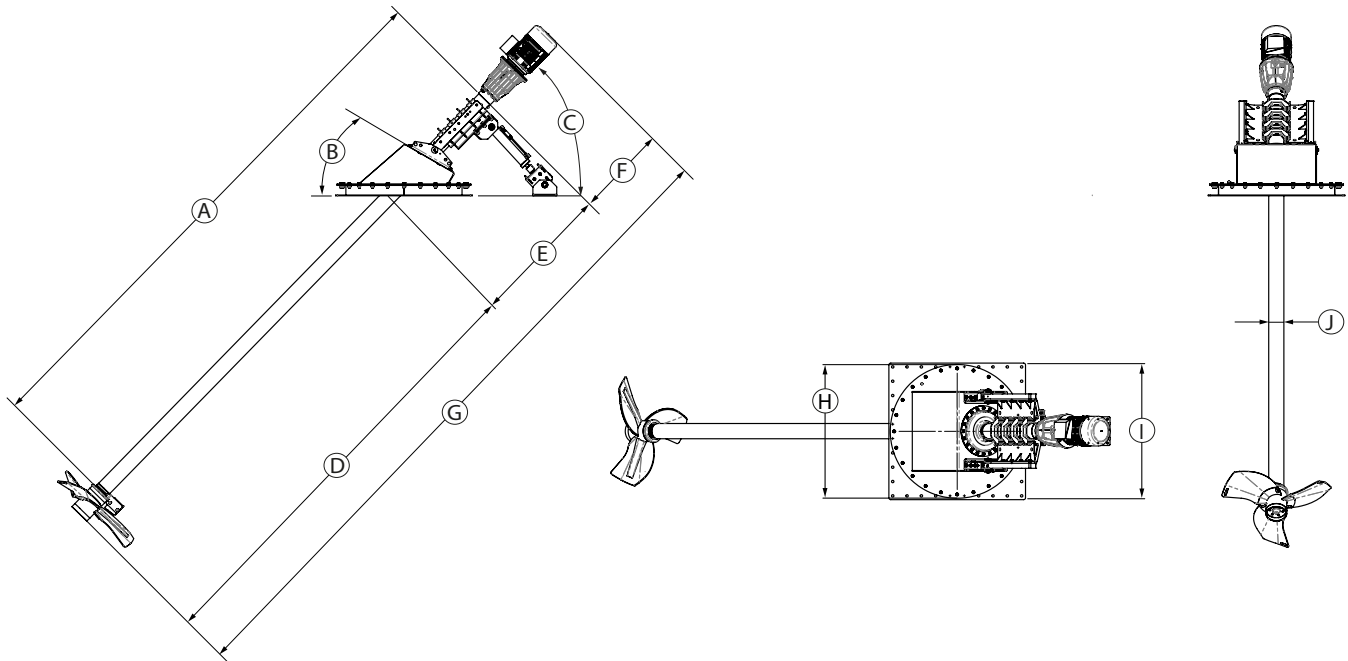
Ex-zone

Ex-Zone 2 (outside tank) and Zone 1 (inside tank)
Classification mechanical components:
  II 2G Ex h IIA T3 Gb

Control box

Start/Stop operation via soft start provided by the customer
Optional: frequency converter for speed control and increasing energy efficiency

GIANTMIX FTX TOP MOUNTING FTX 150-135



Dimensions

Type	A [mm]	B	C	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]		
FTX 150-135	4.000 - 6.000	30°	max. 60°	2.820 - 4.820	1.500	860	5.020 - 7.020	1.400	1.430	Ø 159		

Technical data

Type	Rated power [kW]	Rated Voltage [V]	Rated current [A]	Frequency [Hz]	Power factor cos φ	Gear reduction ratio	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate Water [m³/min]	Weight approximate [kg]
FTX 150-135	15.0	400	27.1	50	0.85	22	135	1,200	6.5	3.4	223	1,100

Subject to technical changes

* measured in water and 1.2 m distance

As per: 2022-08

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