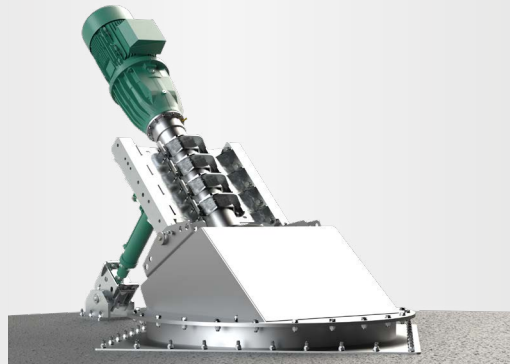


GIANTMIX FTX TOP MOUNT

FTX 150-160



Application

Dry matter content up to 15 %
 Substrate temperature up to 160 F
 pH-value 6.5 - 8.5

Technical Data

Tube length 13 / 16.5 / 18.0 / 19.7 ft
 Tube Ø 6.3 x 0.2 in, 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
 Requirement on site:
 Start Giantmix FTX with frequency converter

Motor

Motor power: 20.0 hp, 2-poles
 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 Blasias 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 20.0 hp | 160 rpm | Propeller XT 1100-13
 ss304, optional ss316

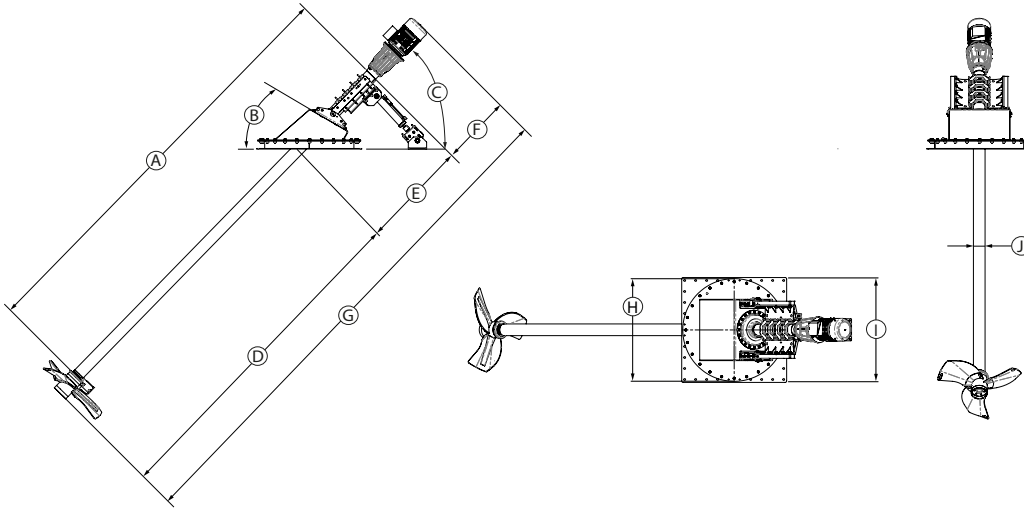
Tank openings

43.3 x 43.3 in



GIANTMIX FTX TOP MOUNT

FTX 150-160



Dimensions													
Type	A [ft]	B	C	D [in]	E [in]	F [in]	G [in]	H [in]	I [in]	J [in]			
FTX 150-160	13.0	30°	max. 60°	111.0	59.1	33.9	197	55.1	56.3	Ø 6.3			
	-			-							-		
	19.7			189.7							276		

Technical data													
Type	Rated Power [hp]	Propeller speed [rpm]	Frequency [Hz]	Gear reduction ratio	Propeller diameter [in]	Axial force [lbf]	Flow velocity [ft/s] *	Pumping rate water [gal/min]	Weight approximate [lbs]				
FTX 150-160	20.0	160	60	21.99	43.3	1,079	11.8	52,041	2,425				

Subject to changes without notice
 * measured in water and 3.94 ft distance