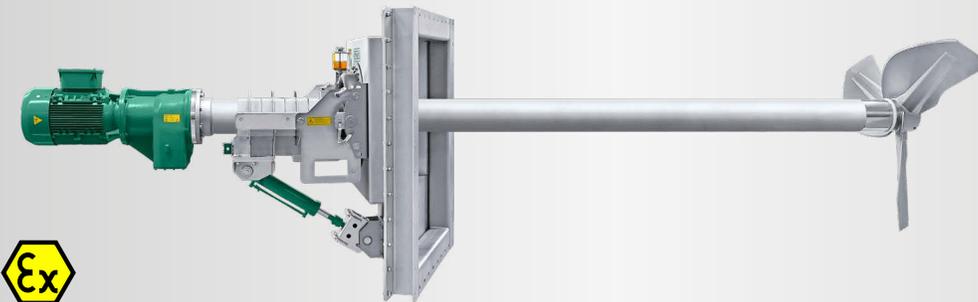


GIANTMIX AMX

AMX 4 150-95

AMX 5 185-95

AMX 6 220-95



Application

Dry matter content up to 16 %
Substrate temperature up to 160 F
pH-value 6.5 - 8.5

Bearing

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

Technical data

Tube length 13 ft / 16.5 ft / 19.7 ft
Tube Ø 8.7 in x 0.3 m in ss316
25° sealing plate in ss304 other angles as well as
ss316 version on request
Sound pressure level 75 dB(A)
Installation up to 19.7 ft below substrate level
Damping system with special rubber on cylinder wall bracket
and in hinged brackets
Oil inspection glas for monitoring the tightness
Agitator completely manufactured in modular design
POM protection to minimize abrasion

Propeller

3-blade high efficiency propeller, dynamically balanced

| | | | |
|------|-------|----------------------|--------|
| AMX4 | 20 hp | propeller XT 1600-20 | 95 rpm |
| AMX5 | 25 hp | propeller XT 1600-25 | 95 rpm |
| AMX6 | 30 hp | propeller XT 1600-30 | 95 rpm |

ss304, ss316 or steel polymer coated

Adjustment range

Sealing plate 56 in x 68 in optional right or left 25° preset,
other ranges on request
Vertical inclination through hydraulic cylinder + 5° / - 30°
Tank opening (WxH): 3.6 ft x 4.6 ft

Motor

Performance IE3-motor: 20 | 25 | 30 hp
PTC thermistors as overheat protection
Ex-Motor II 3G Ex nA IIA T3 Gc (ex-zone 2)

Ex-zone

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

Gear

Spur gear drive, helical teeth, low noise level
Reduction ration $i = 18.0$
Longlife gear oil
12,000 operating hours between oil changes

Control box

Requirement on site: Frequency converter absolutely
necessary

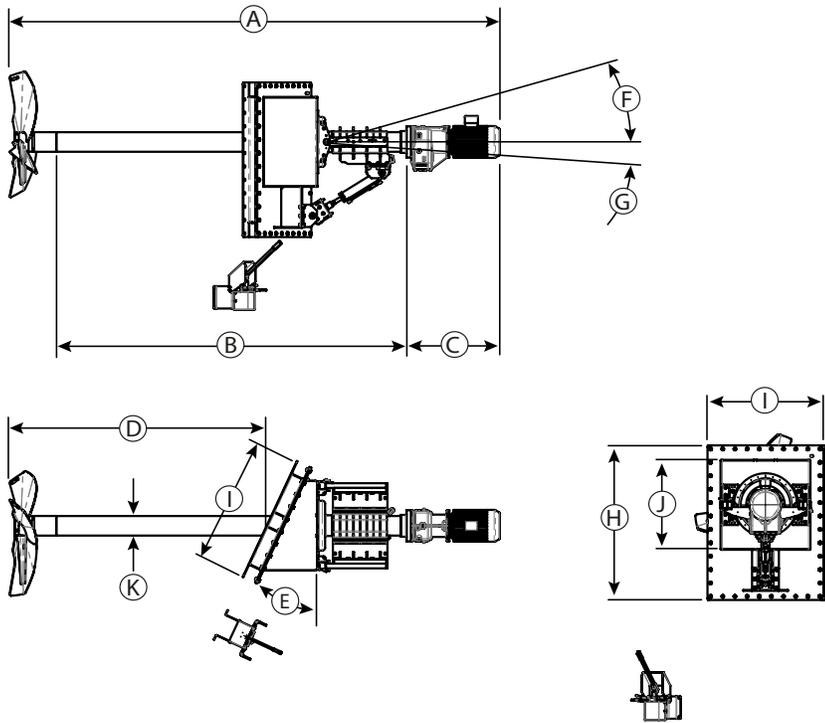


GIANTMIX AMX

AMX4 150-95

AMX 5 185-95

AMX 6 220-95



Dimensions

| Type | A [in] | B [in] | C [in] | D [in] | E | F | G | H [in] | I [in] | J [in] | K [in] |
|-----------|--------|--------|--------|--------|-----|-----|----|--------|--------|---------|--------|
| AMX 4 - 6 | 216 | 157 | 40 | 121 | 25° | 30° | 5° | 68 | 56 | 43 x 43 | 9 |
| | 295 | 236 | | 200 | | | | | | | |

Technical data

| Type | Rated power [hp] | Frequency [Hz] | Gear reduction ratio | Propeller speed [rpm] | Propeller diameter [in] | Axial force [lbf] | Flow velocity [ft/s] * | Pumping rate Water [gal/min] | Weight approximate [lbs] |
|-------|------------------|----------------|----------------------|-----------------------|-------------------------|-------------------|------------------------|------------------------------|--------------------------|
| AMX 4 | 20.0 | 60 | 18 | 95 | 63 | | | | |
| AMX 5 | 25.0 | 60 | 18 | 95 | 63 | 2,068 | 12.8 | 108,839 | 3,968 |
| AMX 6 | 30.0 | 60 | 18 | 95 | 63 | 2,248 | 12.8 | 108,839 | 3,968 |

Subject to change without notice

* measured in water and 3.94 ft distance

As per: 2023-08

© SUMA America Inc. | 2700 Patriot Blvd Suite 400 | Glenview, IL 60026

Phone: 312.912.1961 | Email: sales@gosuma.com | www.gosuma.com