

ASTRAMIX PT

PT5 150-10



Application

Paddle agitator
For constant filling levels
Dry matter content up to 15 %
Substrate temperature up to 70°C
pH values 6.5 - 8.2

Paddle

Flow-optimized paddles for vertical agitation
Paddle diameter Ø 4.2 m
Floating layer crusher (optional)
Material: galvanized steel
Rotational speed 10 rpm

Motor

Motor 15.0 kW, IE3, 400V, 50 Hz
PTC thermistor sensor as overheating protection
3-stage planetary gearbox i=137

Shaft

With counter bearing
Length 5 m

Material: Steel

Tank interface

Rubber press seal Ø350 mm (EPDM 55)

For tank heights 6 m, 7 m, 8 m
Tank diameter 15-30 m
Foil protection (optional)

Ex-Zone

Ex zone 2 (container outside) and zone 1 (container inside)
Classification of mechanical components:

CE II 2G Ex h IIA T1 Gb

Sealing

Mechanical seal SiC/SiC

Control system

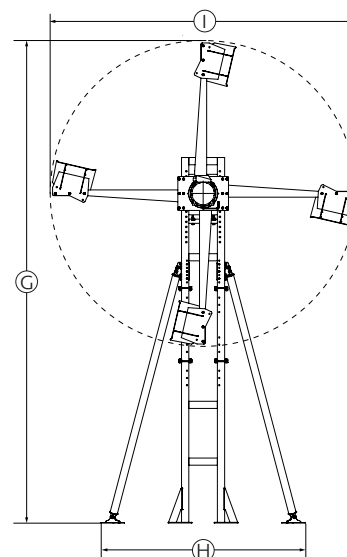
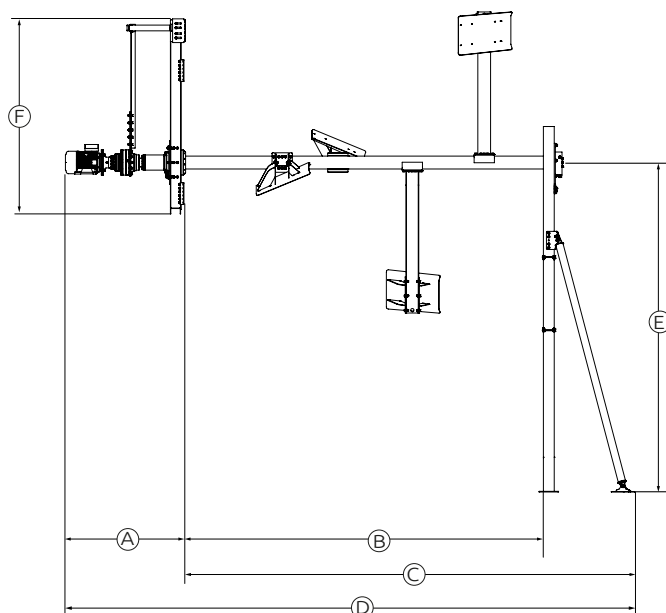
Soft start or frequency inverter
Supplied without connection cable

Bearing

Optimum absorption of radial/axial forces thanks to drive-side flange bearing
Counter bearing inside the tank with POM plain bearing

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Dimensions / Weight

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [m]	F [mm]	G [mm]	H [mm]	I [mm]	Weight [kg]
PT5	1,650	5,000	6,110	7,900	3,550	2,697	5,650	2,590	4,200	2,000
			6,250		4,550		6,650	2,850		
			6,360		5,550		7,650	3,070		

Technical data

Type	Rated power [kW]	Agitator blade speed [rpm]	Voltage [V]	Power [A]	Frequenz [Hz]	Power factor cos ϕ	Gear ratio			
PT5	15.0	10	400	28.3	50	0.83	137			