

# Long-axis agitator Giantmix Z3 HY stationary



**Powerfull  
Innovative Design  
Low maintenance cost**

## Application

Dry matter content up to 12 %  
Substrate temperature up to 70°C  
pH-Value 6.5 - 8.2

## Technical data

Tube length 2.0 / 2.5 m  
Agitator tube Ø 101.6 x 4.0 or 5.7 mm in ss304  
Rubber compression seal Ø 200 mm (option)  
Installation up to 6 m below substrate level possible  
Sound pressure level 75 dB(A)  
Option: Power take-off with protection for an alternative tractor operation  
Oil equalizing container for monitoring the tightness  
Agitator completely in modular design

## Propeller

3-blade high efficiency propeller, dynamically balanced (max. 750 rpm)

Z3 HY stationary	HD+560	min. 60 kW (82 PS)
Z3 HY stationary	HD+580	min. 72 kW (98 PS)

Standard in ss304, optional hardened steel

## Bearing (drive shaft)

Standard design with drive train HY for one rotating direction with power take-off 1-3/8" (6-chock)

Bearing head as own modular unit

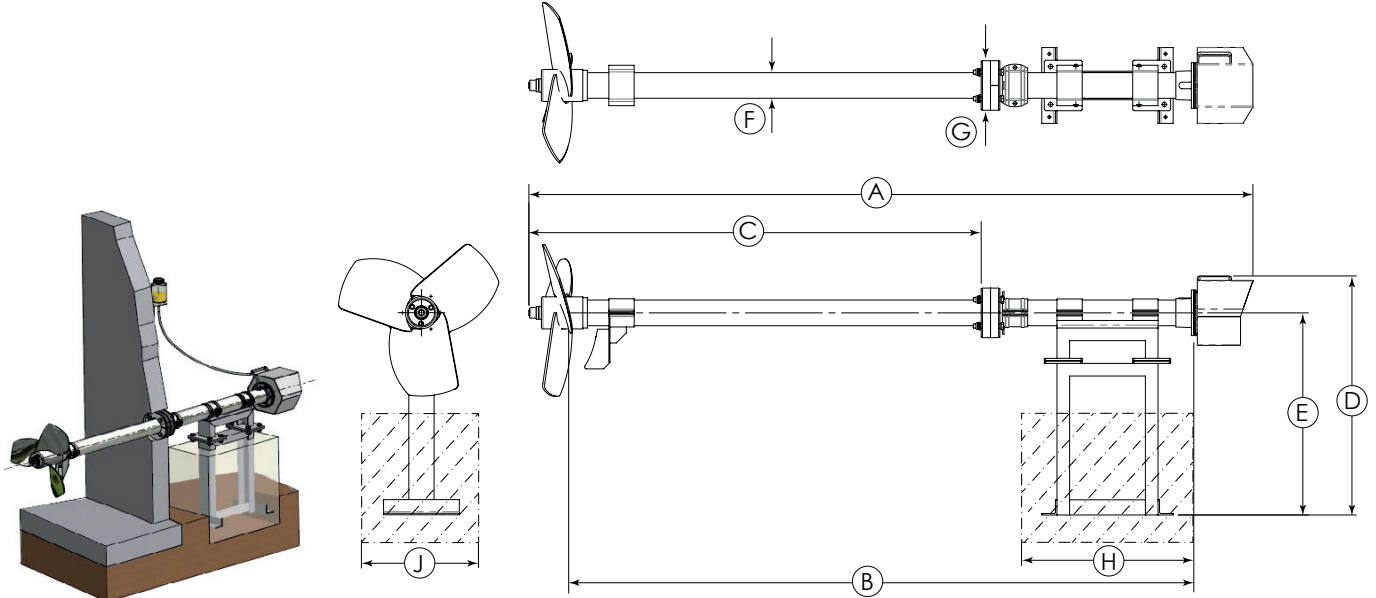
## Bearing (propeller)

Two tapered roller bearings to absorb the axial forces

Mechanical sealing SiC/SiC

Interim bearings in drive shaft (slide bearing)

## Long-axis agitator Giantmix Z3 HY stationary



### Dimensions

Type	A [m]	B [m]	C [m]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	J [mm]
Z3 HY stationary	2.4 / 2.9	2 / 2.5	1.1 / 1.6	950	800	101.6	200	800	500

### Technical data

Type	Tractor power [kW]	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate water [m <sup>3</sup> /min]	Weight [kg]
Z3 HY stationary	60 (82)	750	560	7.1	7.0	98	250
Z3 HY stationary	72 (98)	750	580	7.6	7.3	111	250

Subject to technical changes

\* measured in water and 1.2 m distance, as well as 750 rpm