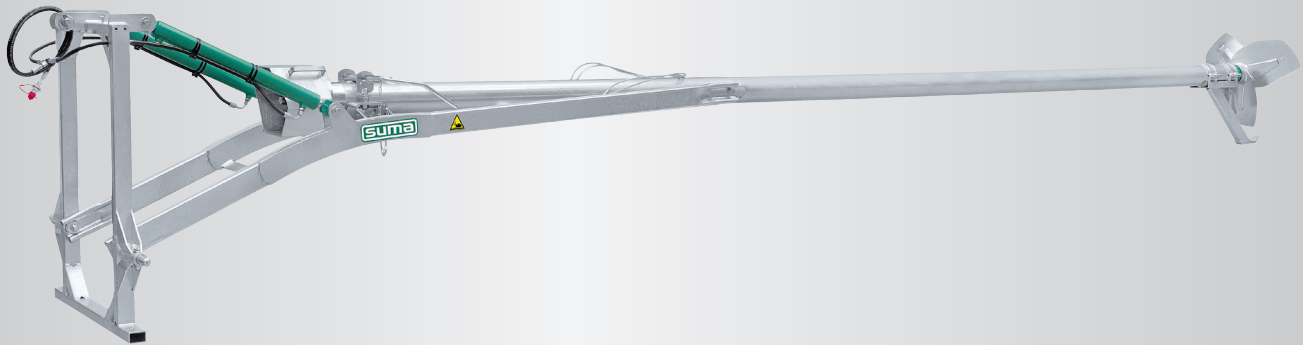


## GIANTMIX Z4



### Application

Long-axis agitator for stirring in open and closed tanks (closed only for 5 & 6 m version)  
For tractor use

### Technical data

Tube length 5.0 / 6.0 / 7.0 m  
Complete agitator length 6.1 / 7.1 / 8.1 m  
Three-point-chassis (Kat. 2) with two hydraulic cylinders for inclination up to 45°  
Completely manufactured in modular design  
Optional with swiveling cylinder

### Bearings (drive side)

Standard design with drive train HY for one rotation direction  
Power-take-off (PTO) connection 1-3/8" (6-chock)  
Bearing head as own modular unit  
Optional reversing gear for two rotational directions

### Bearings (propeller side)

2 tapered roller bearings to absorb the axial forces  
Propeller shaft Ø 35 mm  
Sealing with shaft sealing rings, optional: mechanical sealing SiC/SiC  
Lubrication by oil bath in the agitator tube  
Bearing head as own modular unit

### Agitator tube and drive shaft

Agitator tube Ø 121 x 4 mm galvanized  
Drive shaft Ø 50 mm with multiple interim bearing and with both sided slip-on connection  
Tube ist filled with special oil ISO VG68, approx. 40 %

### Propeller

3-blade high efficiency propeller, dynamically balanced

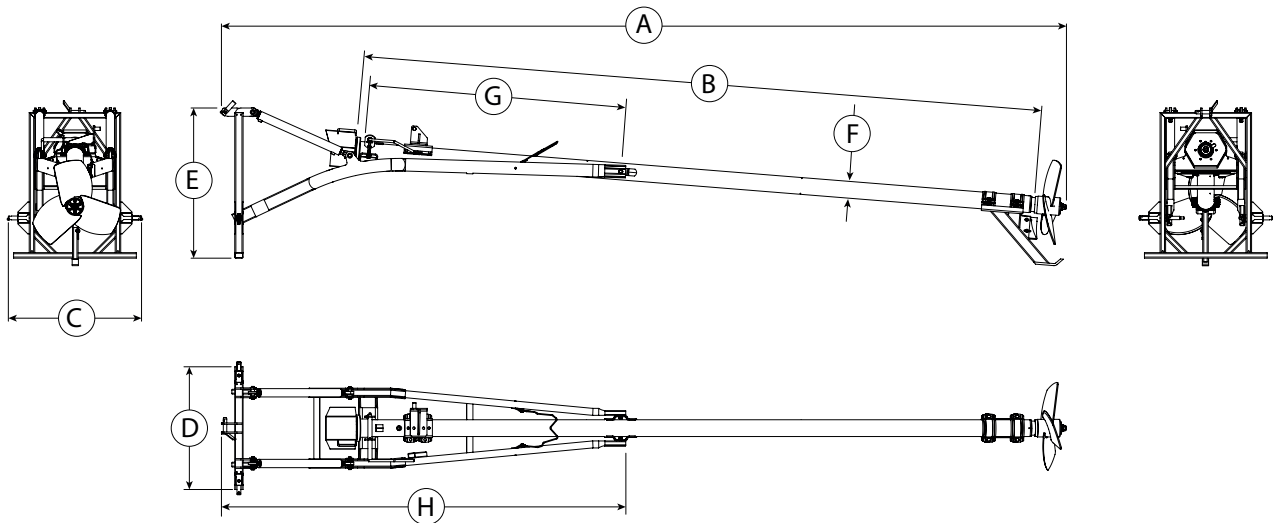
min. 100 HP (72 kW)	1,000 rpm	Propeller D/S 560
min. 120 HP (88 kW)	1,000 rpm	Propeller HD 580
min. 136 HP (100 kW)	1,000 rpm	PropellerHD 620
min. 177 HP (130 kW)	1,000 rpm	Propeller HD 660

Galvanized, optional hardened steel or ss304

### Accessories

Power-take-off (PTO) shaft W2500 (L = 1010)  
One-sided wide-angle PTO shaft WWE 2580 (L = 1010)

## GIANTMIX Z4



### Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [∅ in mm]	G [mm]	H [mm]	Weight [kg]
Z4 (5.0 m)	6,100	5,000	960	885	1,080	121	1,895	2,930	320
Z4 (6.0 m)	7,100	6,000	960	885	1,080	121	1,895	2,930	350
Z4 (7.0 m)	8,100	7,000	960	885	1,080	121	2,750	3,850	420

### Technical Data

Type	Required tractor power [HP]	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN] *	Flow velocity [m/s] *	Pumping rate water [m <sup>3</sup> /min]				
Z4 HYU   WEU	100	1,000	560	9.8	7.5	105				
Z4 HYU   WEU	120	1,000	580	10.5	7.5	113				
Z4 HYU   WEU	136	1,000	620	12.5	7.7	134				
Z4 HYU   WEU	177	1,000	660	15.5	7.7	152				

Subject to technical changes

\* Calculated via CFD simulation and validated in test basin with water

As per: 2020-09