

## GIANTMIX Z6



### Application

Long-axis agitator for agitation in open tanks and lagoons up to 23 ft depth  
For tractor use

### Tube and drive shaft

Tube Ø 7.6 x 0.25 in galvanized  
Drive shaft Ø 2.8 in with multiple interim bearing  
Interim bearing package with ball bearing, permanently lubricated

### Technical data

Tube length 24.6 / 29.5 ft  
Full agitator length 29.2 / 34.1 ft  
Three-point-frame (cat. 3) with 2 hydraulic cylinder for vertical adjustment, max. 45°  
Agitator completely in modular design  
Support out of rounded tubular profil

### Propeller

3-blade high efficiency propeller, dynamically balanced  
Propeller-size depends on tractor power

min. 218 hp	750 rpm	propeller MS 780
	1,000 rpm	propeller MS 700
min. 280 hp	750 rpm	propeller MS 850
	1,000 rpm	propeller MS 720
min. 270 hp	1,000 rpm	propeller MS 850

Galvanized or hardened steel

### Bearing (drive train)

Standard design with drive train HY for one rotational direction with power-take off connection  
1-3/4" (6-chock)  
Bearing head as own modular unit

### Accessories

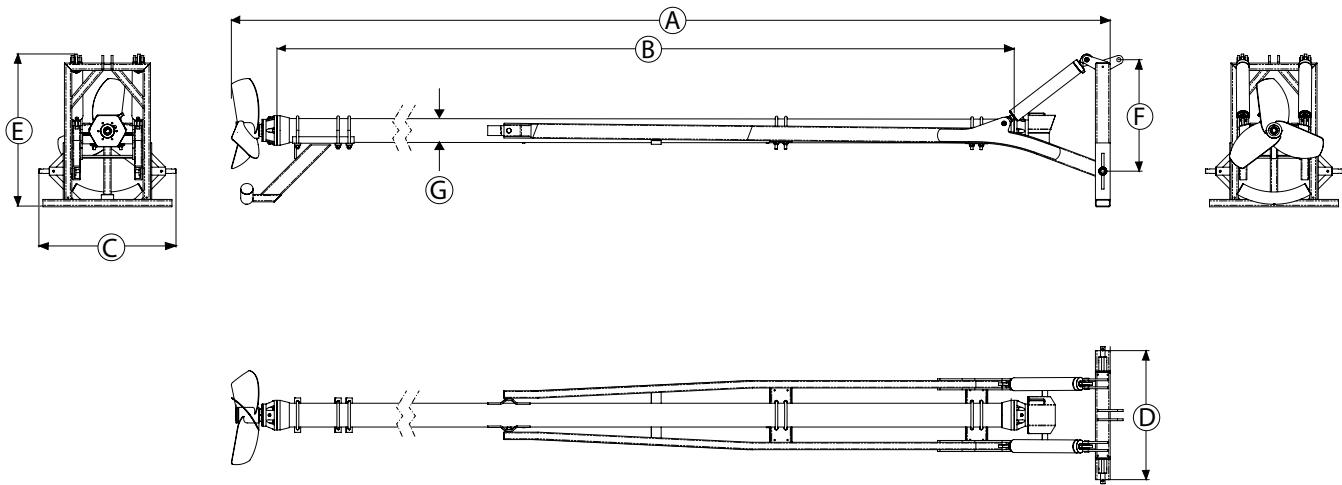
Power-take-off shaft W2600 (L=1.210) 1-3/4" (6-chock)

### Bearing (propeller)

2 tapered roller bearings to absorb the axial forces  
Propeller shaft Ø 2.4 in (hardened)  
Sealing with mechanical seal SiC/SiC  
Bearing head with own oil circulation



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### Dimensions

Type	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [Ø in in]	Weight [lbs]				
Z6 (24.6 in)	350.6	295.5	43.9	37.2	49.0	35.7	7.6	1,873				
Z6 (29.5)	409.7	354.6	43.9	37.2	49.0	35.7	7.6	2,116				

### 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]						
Z6 HYU	218	750	30.7	3,372	21.9	49,400						
Z6 HYU	218	1,000	27.6	3,934	25.3	45,437						
Z6 HYU	230	750	33.5	4,046	21.9	58,909						
Z6 HYU	230	1,000	28.4	4,496	25.3	48,078						
Z6 HYU	270	1,000	33.5	5,845	25.3	67,628						