

## REKORDMIX

**L1 46-1150**

**L2 55-1750**

**L3 75-1750**



### Application

Long-axis agitator for open and closed pits  
 Dry matter content up to 8 %  
 Substrate temperature up to 140 F  
 pH-value 6.5 - 8.2

### Technical data

Tube length 7.4 / 9.0 / 10.7 / 12.3 / 13.9 ft  
 Motor handle with handhold  
 Leg support  
 Sound pressure level 72 dB(A)  
 Agitator completely in modular design

### Motor

5.5 hp / 7.0 hp / 10 hp  
 PTC thermistors as overheat protection

### Accessories

Trolley standard: 3.3 ft width  
 Trolley narrow: 1.9 ft width  
 Suspension mounting frame EB2 for elevated tanks  
 Frame clamp for dowel fixing  
 Oil inspection glass for monitoring the tightness

### Tube

Tube diameter  $\varnothing$  2.76 x 0.12 in in ss304  
 Slip-on shaft  $\varnothing$  0.8 in with intermediate bearings and two-sided plug connection  
 Tube filled with approx. 40 % sealing oil ISO VG 68

### Propeller

2-blades

Rekordmix L1	5.5 hp	propeller L2 270	1.150 rpm
Rekordmix L2	7.0 hp	propeller L1 250	1.750 rpm
Rekordmix L3	10.0 hp	propeller L2 270	1.750 rpm

Galvanized or ss304

### Bearing

2 tapered roller bearings to absorb the axial forces  
 Shaft sealing rings, optional: mechanical seal SiC/SiC

### Control box (optional)

Star-delta-switch (for L2)  
 Holding device for hand switch (for L1 and L3)



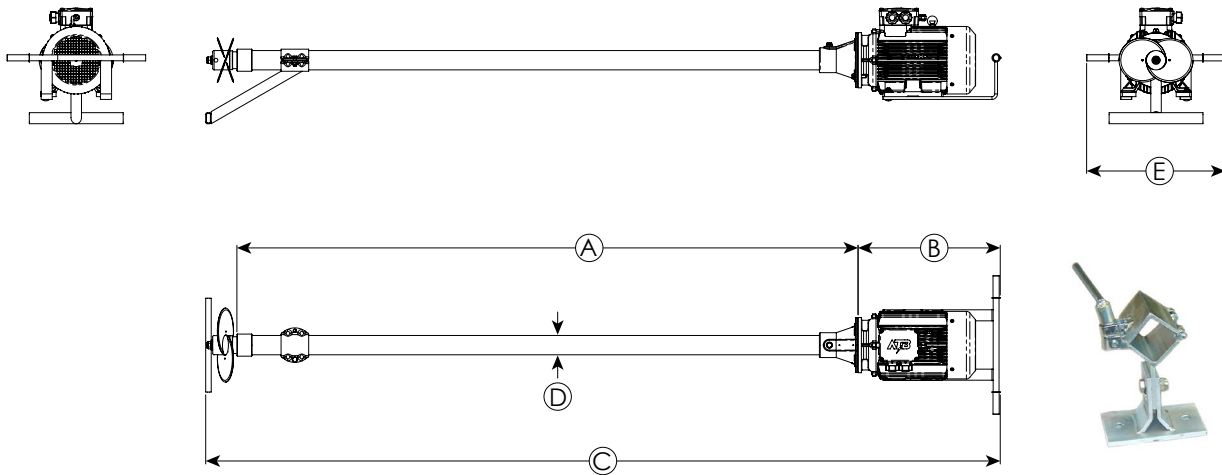


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### Dimensions

Type	A [in]	B [in]	C [in]	D [in]	E [in]					
L1	88.6 - 167.5	20.1	115 - 193.8	2.76	19.7					
L2	88.6-167.5	18.1	113 - 191.8	2.76	19.7					
L3	88.6-167.5	20.1	115 - 193.8	2.76	19.7					

### Technical data

Type	Rated Power [hp]	Frequency [Hz]	Propeller speed [rpm]	Propeller diameter [in]	Axial force [lbf]	Flow velocity [ft/s] *	Pumping rate [gal/min]	Weight approx. [lbs]				
L1	5.5	60	1,150	10.6	96.7	12.0	2,642	242				
L2	7.5	60	1,750	9.9	157.4	14.8	2,642	242				
L3	10.0	60	1,750	10.6	224.8	20.7	4,491	242				

Subject to technical changes  
 \* measured in water and 3.94 ft distance  
 As per: 2023-08

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