

## REKORDMIX

**L1 40-950**

**L2 50-1450**

**L3 75-1450**



### Application

Long-axis agitator for open and closed pits  
 Dry matter content up to 8 %  
 Substrate temperature up to 60°C  
 pH-value 6.5 - 8.2

### Technical data

Tube length 2.25 / 2.75 / 3.25 / 3.75 / 4.25 m  
 Motor handle with handhold  
 Leg support  
 Sound pressure level 72 dB(A)  
 Agitator completely in modular design

### Motor

4.0 kW (945 rpm) / 5.0 kW (1.450 rpm - IE3) /  
 7.5 kW (1,450 rpm)  
 400 V, 50 Hz  
 PTC thermistors 160°C as overheat protection

### Accessories

Trolley standard: 100 cm width  
 Trolley narrow: 58 cm width  
 Suspension mounting frame EB2 for elevated tanks  
 Frame clamp for dowel fixing  
 Oil inspection glass for monitoring the tightness

### Tube

Tube diameter Ø 70 x 3 mm in ss304  
 Slip-on shaft Ø 20 mm with intermediate bearings and two-sided plug connection  
 Tube filled with approx. 40 % sealing oil ISO VG 68

### Propeller

2-blades

Rekordmix L1	4.0 kW	propeller L4 320	945 rpm
Rekordmix L2	5.0 kW	propeller L2 270	1,450 rpm
Rekordmix L3	7.5 kW	propeller L3 300	1,450 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 L1 and L3 on additional ss304 support)

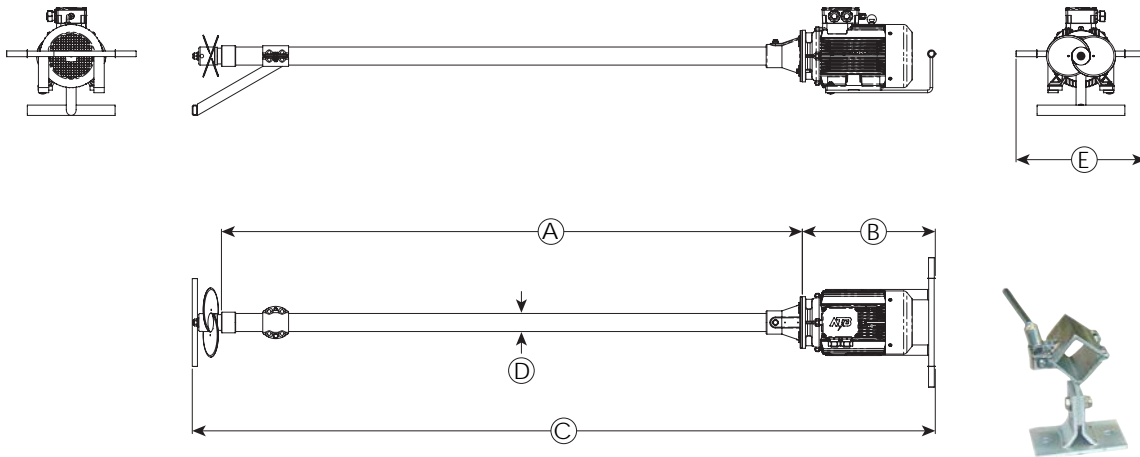


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### Dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]						
L1	2,250 - 4,250	510	2,920 - 4,920	70	500						
L2	2,250 - 4,250	460	2,870 - 4,870	70	500						
L3	2,250 - 4,250	510	2,920 - 4,920	70	500						

### Technical data

Type	Rated Power [kW]	Rated Voltage [V]	Full load current [A]	Frequency [Hz]	Power factor cos $\phi$	Propeller speed [rpm]	Propeller diameter [mm]	Axial force [kN]	Flow velocity [m/s] *	Pumping rate [m <sup>3</sup> /min]	Weight approx. [kg]
L1	4.0	400	9.8	50	0.72	945	320	0.60	4.0	18	110
L2	5.0	400	10.5	50	0.77	1.450	275	0.75	5.3	17	110
L3	7.5	400	16.0	50	0.79	1.450	300	1.15	5.7	23	110

Subject to technical changes

\* measured in water and 1.2 m distance