





CENTRAL MIXER Z-MIX



An optimised design is crucial for the effectiveness and efficiency of the agitator technology. Based on tank geometry, substrate properties and many other factors, our engineers use software-supported flow simulations and load capacity calculations to determine a central agitator that is perfectly tailored to your needs.

Application

Tank volumes up to 2,641,721 gal Efficient use in elevated tanks Customised design and production depending on tank geometry, substrate properties, etc.

Drive unit

Gear motor 4.0 - 60.0 hp, IE3 or higher Flat gearbox, low-noise, low-maintenance Rotational speed 10 - 60 rpm

Tank interface

Levelling flange to compensate for tank unevenness Customised interface adaptation

Sealing

Labyrinth seal for gas-tight application Safety device for monitoring the fill level of the labyrinth seal (50 mbar)

Bearing

Optimal absorption of radial/axial forces thanks to spherical roller bearings

Easy access to grease lubrication via service opening

Agitating device

Flow-optimised paddles for axial agitating effects 1-4 paddle sections, Ø4.6 - 19.7 ft Material: steel or stainless steel

Shaft/Mast

Freely suspended bearing
Optional ground storage or catch basket
Length up to 66 ft
Material: steel or stainless steel

Ex-zone

Ex-zone 2

C € ऒ II 3G Ex h IIA T1 Gc

Geared motors for Ex zone 1 on request

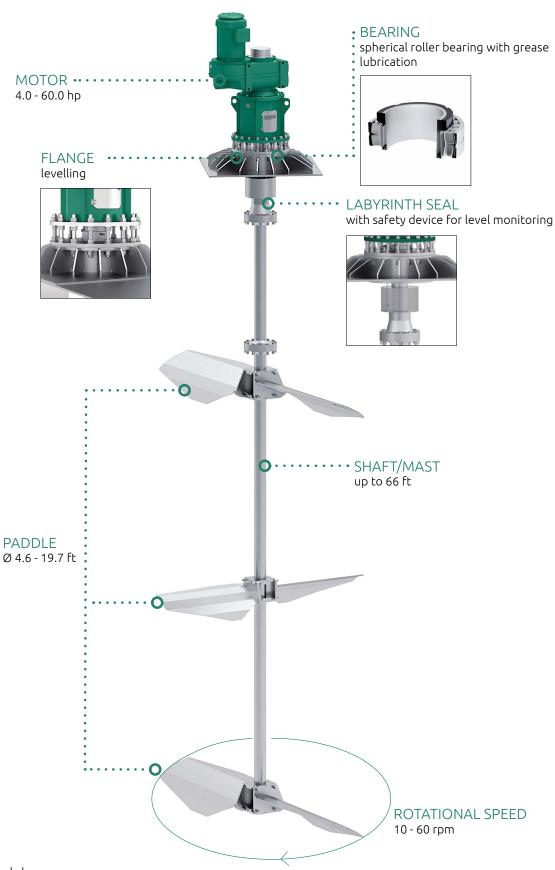
Control unit (optional)

Frequency converter
Delivery without connection cable

Assembly & maintenance

Complete assembly outside the tank possible Low maintenance effort due to direct access to drive, bearing and seal from the outside Access to grease lubrication via maintenance flap





Subject to technical changes

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