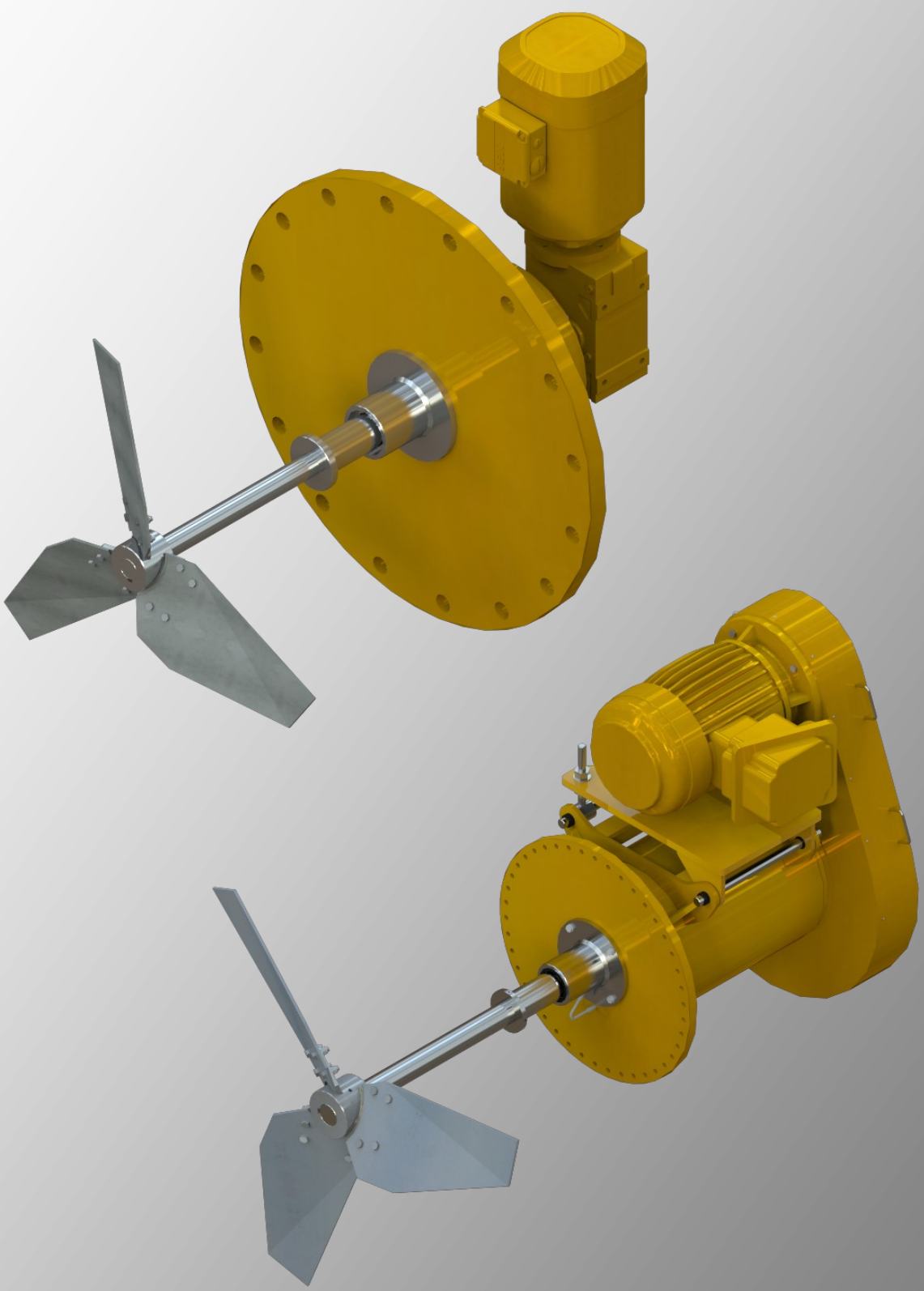
JM Engineering

Side Entry Mixers

SE-SERIES

MIXING TECHNOLOGIES



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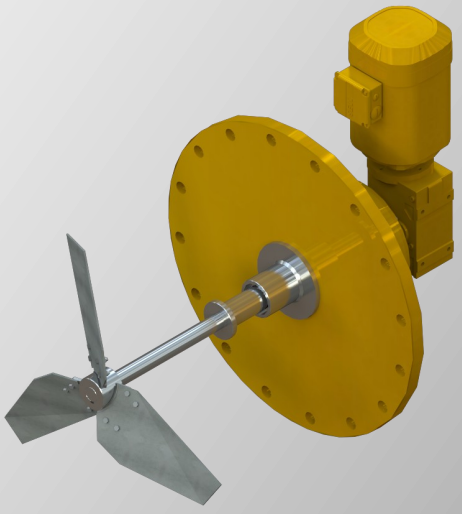
MIXING TECHNOLOGIES

Side entry mixers are high powered, horizontal mixers for agitation, heat transfer and sludge reduction in large storage tanks.
These mixers are usually paired with hydrofoil impellers and installed in arrays to promote a favourable flow pattern (see over).
The SE-Series of side entry mixers are available in two distinct varieties.

Gear Drive Side Entry Mixers
Gear driven side entry mixers are an efficient way of promoting flow in large petrochemical storage tanks.

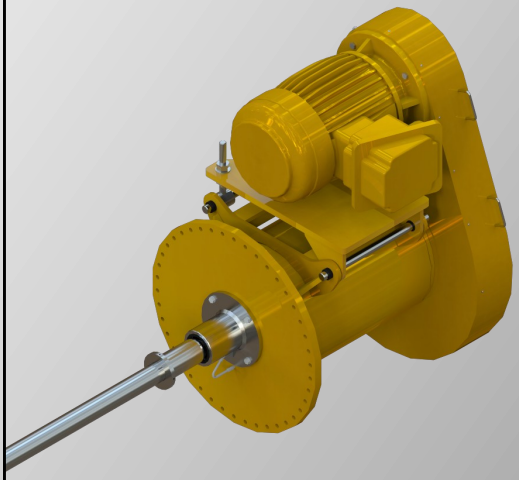
Belt Drive Side Entry Mixers
Belt drive side entry mixers are typically applied to extremely large, ultra high power-draw applications.



Above: Gear driven side entry mixers feature a right-angle gearbox and flange mounting arrangement.

Standard Features
- Stainless Steel 316 shaft and impeller
- 1m ~ 4m shaft
- 3Ph, 415v, 50Hz Motor (20kW ~ 200+ kW)
- Flange mounting arrangement
- IP56 Protection rating
- Shaft plug to allow seal and bearing replacement and without draining the tank

Options
- Exotic alloy shaft and impeller
- Motor to suit international power supply
- Custom mounting arrangement
- Upgraded protection rating



Above: Belt driven side entry mixers feature multiple belts for reliability, belt guard and inspection port.

Above: A JM Engineering belt drive side entry mixer reducing sludge build up in a large petrochemical storage facility.

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Enquiry

Please complete as much of the form below as possible and return the completed form via email (sales@jmengineering.com.au) or fax (+612 9757 4138). A JM Engineering representative will contact you to discuss your process requirements.

Contact Details

Name _____ Company _____

Email _____ Phone: _____

City _____ Country: _____

Fluid(s)

Viscosity _____ Specific Gravity _____

Temperature _____ Flow Rate _____

Process

Agitation Heat Transfer Flocculation Solid Suspension Homogenisation Blending

Other _____

Existing Vessel

Shape _____ Dimensions: _____

Fluid Depth Min: _____ Max: _____

Existing Mixer

Shaft Diameter _____ Shaft Length: _____

Power _____

Other Information

_____

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MIXING TECHNOLOGIES

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