LOTUS MIXERS

Upgrade To LOTUS MIXERS CKJ & CFJ Side Entry Mixers

www.lotusmixers.com

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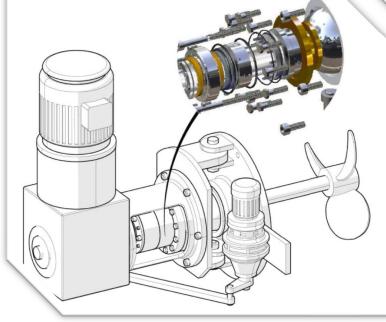
LOTUS MIXERS CKJ swivel angle and CFJ fixed angle side entry mixers are the best on the market today. From impeller technology, superior shaft sealing systems and rugged durability of the design, we set the industry standard.

The LOTUS MIXERS Advantages:

Impeller Technology

- Dynamically balanced and fabricated impellers vs. cast impellers
- FloMax® impellers that provide both thrust and flow over a wide flow field as compared to narrow axial flow impellers
- Ability to customize our FloMax® impellers to optimize mixing for specific applications.





Seal Technology

- Double and Single cartridge mechanical seals designed for easy replacement
- Patented cartridge includes an integrated bearing to reduce the forces on the seal faces
- Premium seal material (all inboard seal faces are Silicon Carbide on Silicon Carbide)
- Patented tank shut-off to allow for seal replacement without having to drain the tank.

Fixed Angle - Swivel Angle

Gear Driven - Belt Driven Up to 125 HP





- Rigid cast iron gearbox to provide a solid platform for mixer and guard against vibration
- Minimum gearbox service factor of 2.0
- Higher torque rated gearboxes than competition
- Uses standard face mounted motors (no alignment required).

Belts Drive Also Available

Toothed Belt, V-Belts and Specialty –

Eagle NRD ®PD or Gates Polychain®

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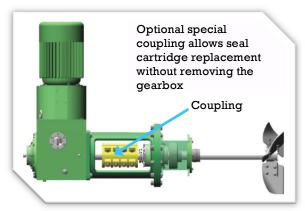
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Photo to Left: CFJ5 60HP side entry mixer installed with double mechanical cartridge seal and API lube system.

Photo above: (18) 40HP CFJ5 ready for shipment

Other Advantages

- Shafting 25+% greater in diameter reducing vibration and capable of higher horizontal loads.
- Optional independent gear driven actuator for automatic continuous angle change on our CKJ swivel type mixers.
- Multiple API lubrication system designs available.
- Optional shaft coupling so the seal can be replaced without removing the gearbox (see below)



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