

Represented
by:



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Power and Flexibility

The Portable Class of mixers is the workhorse of the process industry. This time-tested design is distinguished for its reliability and flexibility. For this mixer classification, Dynamix offers the DMX and MMX Series.

DMX 5000 Series RIGHT

Robust construction with medium and heavy duty construction options (300 to 3000 gallons)

MMX 2000 Series LEFT

This basic model features direct drive for light duty mixing (30 to 300 gallons)



Configuration Options

Motors	HP Range: ½ to 2	▶ Air, electric, variable speed, explosion-proof, and more
Gear Reduction	5:1, 10:1, 21:1	▶ Low RPM mixing with high torque capacity
Mounting	Directional Clamp Mount	▶ Flexible positioning offers variable flow patterns when needed
Impellers	DynaFlow, P4 Pitch, Radial	▶ A full range enables your mixer to deliver perfect mixing quality

 Get a Quote Now!

THE DYNAMIX SOLUTION ASSURANCE

We provide performance-guaranteed solutions designed for your PRODUCT, PROCESS, and ENVIRONMENT.

At Dynamix, we provide you with a SOLUTION, not just a mixer.

The Difference?

We consider your **Product**, **Process**, and **Environment**.

Our commitment to this is embodied by our **Solution Assurance** – our process guarantee.



DMX 5000 Series

▲ Compression Gear Drive ^a

HIGH SHOCK LOAD RATING When buying a mixer you are investing in torque and the construction to handle this torque. Our DMX 5000 Series offers one of the widest ranges of gear reduction; (5:1 – 21:1) or (350 - 83rpm). For heavy duty applications, where processes just cant fail we offer our DMX 5700 Series. These mixers can handle shock loads that are greater than 500% of their rating. This is the reason industry selects Dynamix when process downtime is not an option.



^a Rolling compression removes shear and slipping problems related to traditional tooth gears.

▲ Auxiliary Bearing Configuration ^b

DURABILITY Auxiliary Bearings are the difference between an economy mixer and one designed for long term use. Do not let your mixer supplier rely on the bearings in the motor. Dynamix uses auxiliary bearings in order to isolate loads from the motor. This allows the motor to run efficiently and without damage.

CONTAMINATION The nose cone configuration separates the gearbox from the output shaft. All gearboxes are grease lubricated (not oil). This reduces the potential for lubrication to follow the shaft into your application. Dynamix has added additional protection with a Double Lip Seal at the output end of the mount.

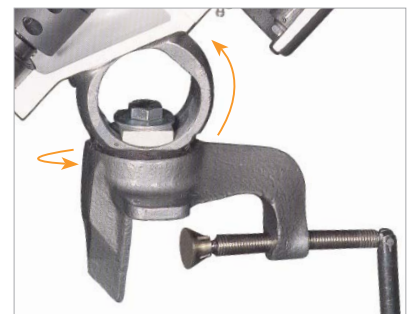


^b Auxiliary bearing limits overhung loads on drive.

▲ Directional Ball Joint Clamp ^c

FLEXIBILITY This unique ball joint configuration enables rotation through the vertical and horizontal axes. This flexibility enables it to be used on different tanks and applications to address varying flow patterns and dead spots.

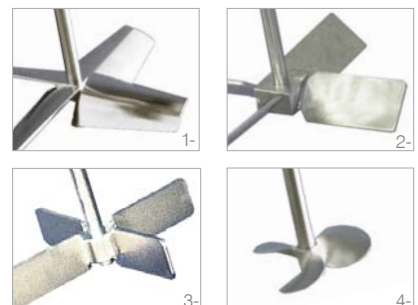
Do not accept aluminum as a clamp mount material. The clamping mount maintains substantial stress to endure the loads of mixing. We use cast steel for our clamp. This ensures secure mounting and long mixing life.



^c Directional ball joint pivots on two axes.

▲ Customizable Impellers ^d

OPTIMIZED MIXING Impeller selection is the starting point of any mixer configuration. Starting with the right impeller means the rest of the mixer can work in balance and provide quality mixing. Issues such as uniformity, area of influence, shear, solid suspension, and many others are addressed by the impeller selection.



^d: 1-DynaFlow 2-Pitch, 3-Radial 4-Propeller

MMX 2000 Series

This light duty portable is our economy series which offers performance at a lightweight price. We can select this mixer for your lighter portable applications.

