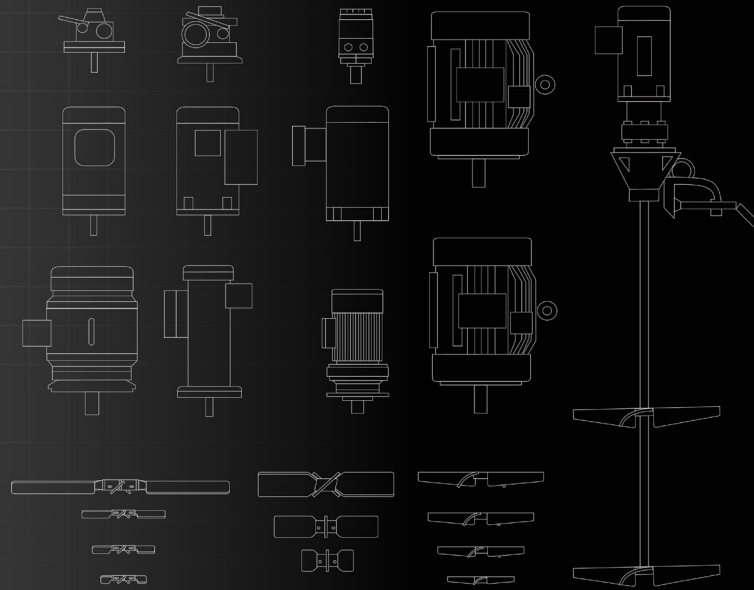




PORTABLE MIXING SOLUTIONS DMX 5000 SERIES

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



DMX 5000 SERIES

Power and Flexibility for Your Process

The Portable Class of mixers is the workhorse of the process industry. This time-tested design is distinguished by its reliability and flexibility. We engineer and build these units with a wide range of shaft and impeller options to give you a quality, custom solution at an economical *off-the-shelf* price.



PORTABLE MIXERS

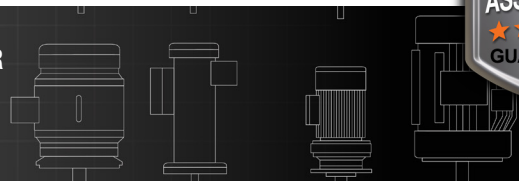
- » Clamp, plate, or flange mounted, the DMX Series can be adapted to suit any tank
- » Permanently lubricated gearbox minimizes maintenance costs
- » External bearing extends positive hold
- » Standard high flow, efficient Dynaflow™ impeller
- » Mix it right with our Solution Assurance, available on the DMX 5000 Series

CONFIGURATION OPTIONS

MOTOR	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 substantial torque available
MOUNTING	Clamp, Plate, Flange	» Adaptable to any type of tank
COLLAPSIBLE IMPELLER	Dynaflow™, P4 Pitch, Radial	» A full range enables your mixer to deliver optimal mixing quality
MATERIALS	316SS, Custom Coatings	» 316SS Standard, with specialized coatings available for added corrosion / abrasion resistance

THE DYNAMIX SOLUTION ASSURANCE

WE PROVIDE PERFORMANCE-GUARANTEED SOLUTIONS DESIGNED FOR YOUR PRODUCT, PROCESS, AND ENVIRONMENT.



DMX 5000 Series Features

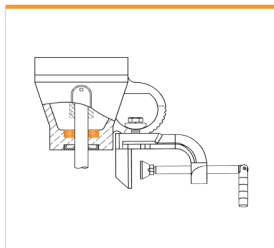
Compression Gear Drive ^a (5000 Series only)

HIGH SHOCK LOAD RATING When buying a mixer, you are investing in torque and the construction to handle that torque. Our DMX 5000 Series offers one of the widest ranges of gear reduction available (6:1 - 21:1, or 292 - 83 rpm). These mixers can handle shock loads that are greater than 500% of their rating. This is the reason industry chooses Dynamix when process downtime isn't an option.

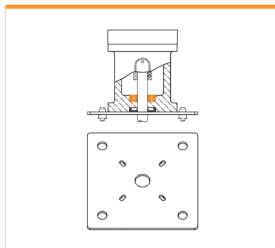
Mounting Options

FLEXIBILITY We offer Clamp Mount, Plate Mount, and Flange Mount.

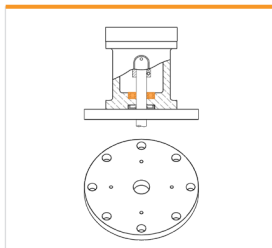
CLAMP



PLATE



FLANGE



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. 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.

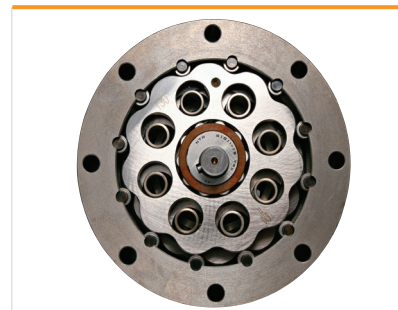
Directional Ball Joint Clamp ^c

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

Don't settle for subpar clamp mount materials like aluminum. The clamping mount is under substantial stress to endure the load of mixing. We use cast steel for our clamps, ensuring secure mounting and long mixing life.

Customizable Impellers ^d

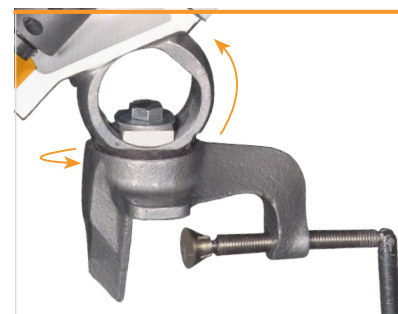
OPTIMIZED MIXING Impeller selection is a key point of any mixer configuration. Starting with the right impeller lets the rest of the mixer work in balance and deliver quality mixing. Issues such as uniformity, area of influence, shear, solids suspension, and many others are addressed through the impeller selection.



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



^b Auxiliary bearing limits overhung loads on drive.



^c Directional ball joint pivots on two axes.

^d 1-Dynaflow™
2-Pitch
3-Radial



HOW TO GET STARTED

Contact our sales team directly at 1-866-563-2448 to request a quote and find out how we can optimize the quality of your application results.

TEL: 1-866-563-2448

EMAIL: info@dynamixinc.com

DYNAMIX AGITATORS

www.dynamixinc.com

