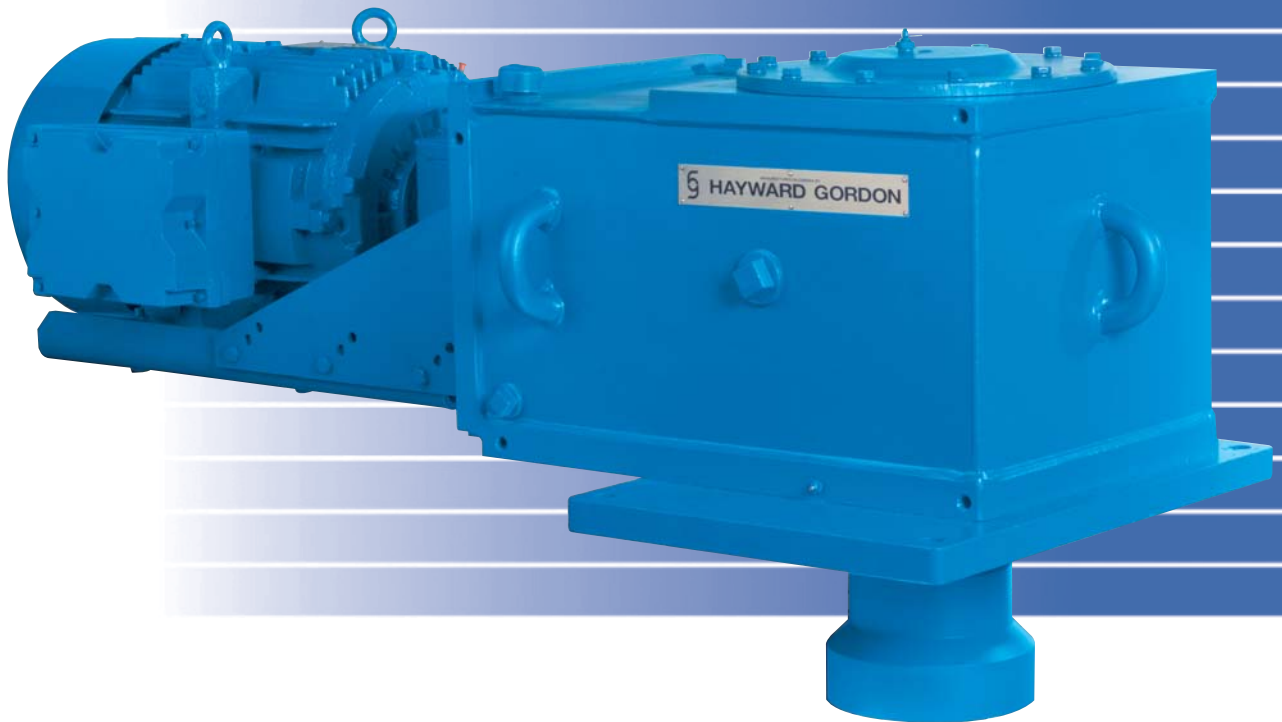


# **MB Series**

## **TOP ENTRY MIXERS**



### **DESCRIPTION**

The MB mixer series is available in seven standard gearbox sizes covering intermediate capacity fluid mixing applications. Typical motor sizes range from 3 to 200 HP and 21 standard output speeds are available between 350 and 6 RPM. This large variety of model size, HP and impeller speed allows precise mixer selection for any process requirement in this mid-sized range. Combining this flexibility with the large number of Hayward Gordon impeller designs available ensures that the most efficient mixer can be selected for your exact requirements.

*Ideal for medium-capacity mixing needs, the rugged MB has been performance-proven through years of operation in a diverse range of demanding installations.*

#### **OPTIONAL BELT DRIVE INPUT**

Overhead motor mount allows V-Belt Input to provide speed adjustments for changing process conditions.

#### **RUGGED STEEL HOUSING**

Fabricated steel housing effectively resists shock loads and stresses associated with mixing applications and maintains accurate gear alignment.

#### **PROVEN HIGH-HARDNESS HELICAL GEARING**

Engineered to exceed AGMA standards with a reserve strength rating, the surface-hardened, precision-ground, long-life helical gears deliver a smooth, strong, efficient power flow. Large tooth profile provides extra strength to handle high-shock loads. All gears are AGMA Quality 10.

#### **PRECISION SPIRAL BEVEL GEARING**

Surface hardening and finish lapping ensure smooth, quiet operation and greater gear efficiency.

#### **OVERSIZED ALLOY STEEL SHAFT**

Considerably larger in diameter than standard reducer output shafts, the solid alloy steel shaft has adequate stiffness to withstand high mixer shaft loads.

#### **NO-LEAK DRYWELL CONSTRUCTION**

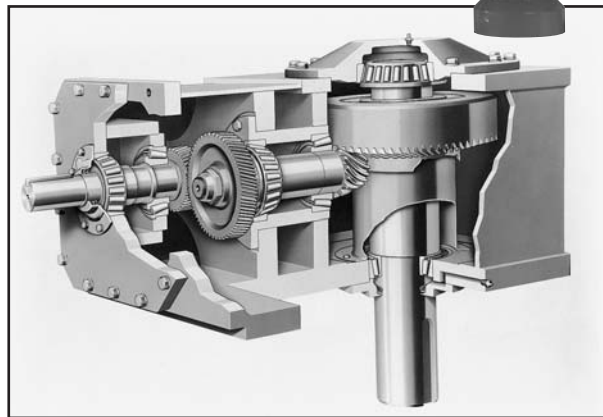
A drywell isolates the low-speed output shaft from the oil sump to prevent lubricants from leaking and contaminating your product.

#### **HIGH CAPACITY BEARINGS**

Bearings used throughout the drive are the highest quality anti-friction taper roller bearings which can provide L-10 life of 100,000 hrs. at continuous design speed and horsepower.

#### **SHAFT SEALING**

For maximum protection and for safety when dealing with hazardous chemicals many types of sealing options are available, including single mechanical seals and double wet or dry running mechanical seals. Stuffing box seals, lip seals and open tank configurations are also available.



**U.S.A.**  
1051 Clinton Street  
Buffalo, New York 14206  
(716) 856-4636 Fax (905) 567-1706

**CANADA**  
6660 Campobello Road  
Mississauga, ON L5N 2L9  
(905) 567-6116 Fax (905) 567-1706

**Western U.S.A./  
Western Canada**  
(604) 986-8764  
Fax (604) 986-8794

[haywardgordon.com](http://haywardgordon.com)  
[mixers@haywardgordon.com](mailto:mixers@haywardgordon.com)

HGMB(61-00)12/05rev.1-500  
Printed in Canada