

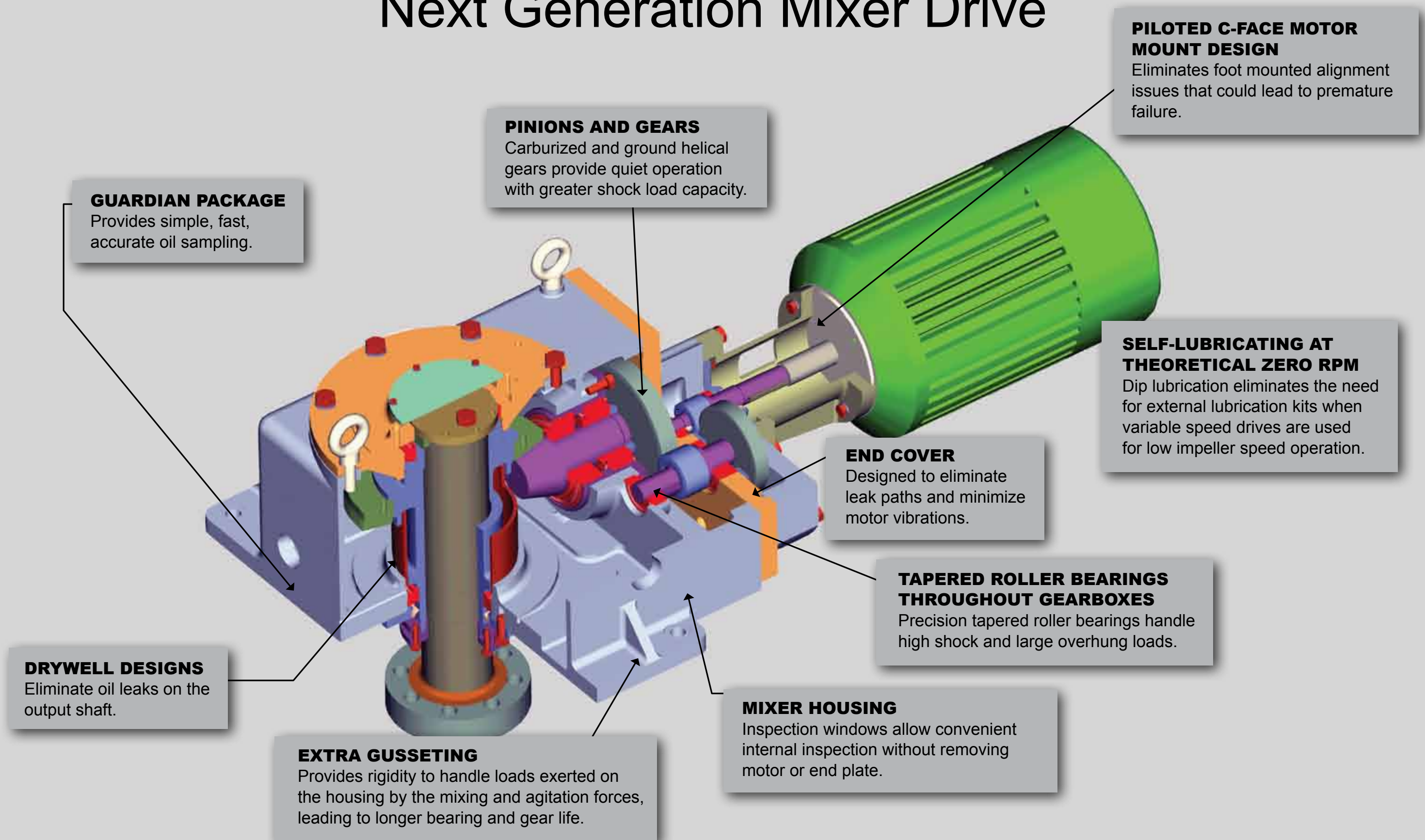
The Raven™ 3800 Series Mixer Drive

Longer Life, Greater Reliability



The Raven 3800 Series Mixer Drive

Next Generation Mixer Drive



PILOTED C-FACE MOTOR MOUNT DESIGN
Eliminates foot mounted alignment issues that could lead to premature failure.

PINIONS AND GEARS
Carburized and ground helical gears provide quiet operation with greater shock load capacity.

GUARDIAN PACKAGE
Provides simple, fast, accurate oil sampling.

SELF-LUBRICATING AT THEORETICAL ZERO RPM
Dip lubrication eliminates the need for external lubrication kits when variable speed drives are used for low impeller speed operation.

END COVER
Designed to eliminate leak paths and minimize motor vibrations.

TAPERED ROLLER BEARINGS THROUGHOUT GEARBOXES
Precision tapered roller bearings handle high shock and large overhung loads.

MIXER HOUSING
Inspection windows allow convenient internal inspection without removing motor or end plate.

DRYWELL DESIGNS
Eliminate oil leaks on the output shaft.

EXTRA GUSSETING
Provides rigidity to handle loads exerted on the housing by the mixing and agitation forces, leading to longer bearing and gear life.

Philadelphia Mixing Solutions, Ltd.™

Philadelphia Mixing Solutions and its subsidiary, Mixing Solutions, operate one of the world's largest and most comprehensive mixing laboratories dedicated to agitation and aeration process optimization. With over 60 years experience, Philadelphia Mixing Solutions continues to be a leader and innovator in the design and manufacture of agitation and aeration equipment.

Philadelphia Mixing Solutions serves industries that value superior operational performance and reliability. Philadelphia Mixing Solutions has expanded its reach internationally to provide products, technical services and field support to customers around the world.

Our mixing process experts can build the right solution for your unique mixing requirements to:

- Partner with you on projects to meet your unique needs
- Model mixing outcomes using the latest technology in mixing diagnostics
- Provide superior blending for reduced power consumption
- Design equipment for mechanical reliability and operational durability
- Provide follow-up support to ensure system success for your business
- Reduce maintenance costs and increase operating uptime
- Improve operating efficiency and finished product quality
- ISO 9001:2008



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