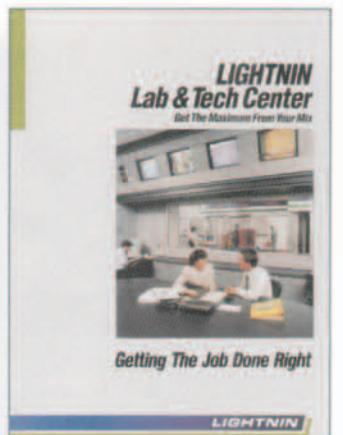
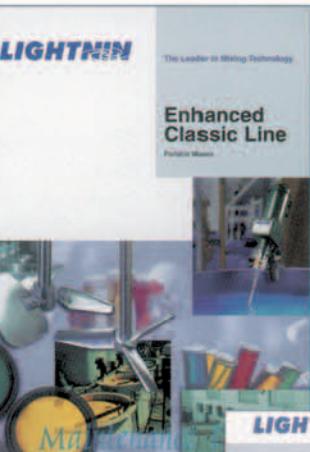


Learn more about other high-performance mixers from **LIGHTNIN**.

Visit our website at [www.spxprocessequipment.com](http://www.spxprocessequipment.com)  
or call 1-888-MIX BEST (U.S. and Canada)  
or +1 (585) 436-5550 (Worldwide)



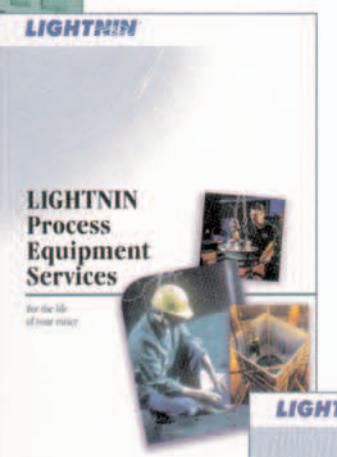
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B-799



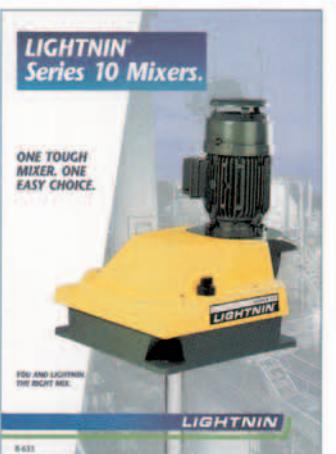
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B-773



B-901



B-633

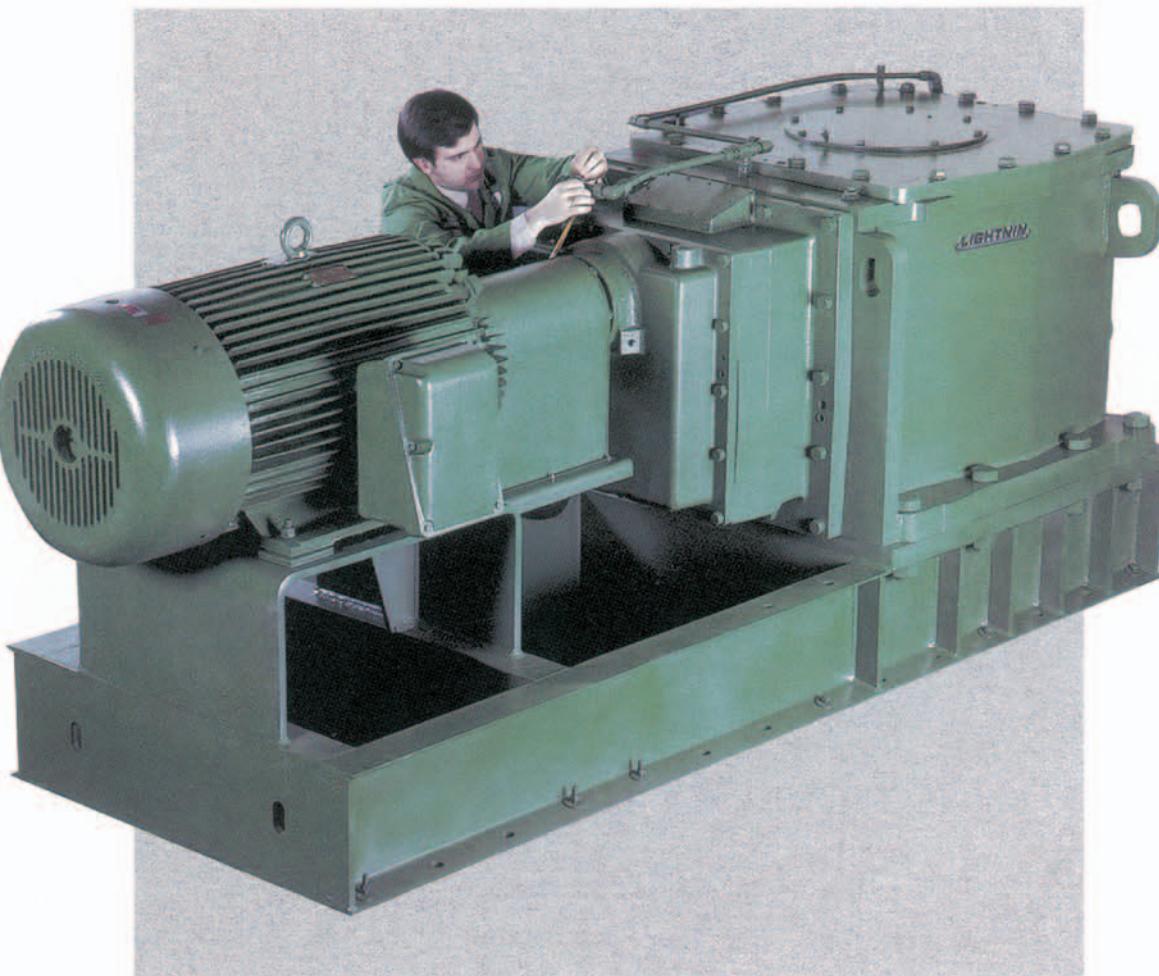
LIGHTNIN is a registered trademark of LIGHTNIN in the United States and may be registered in other countries.

**LIGHTNIN**

An SPX Process Equipment Operation  
*When it comes to mixing better  
We never stop*

135 Mt. Read Blvd.  
Rochester, NY 14611 USA  
[www.spxprocessequipment.com](http://www.spxprocessequipment.com)

# The **LIGHTNIN** Super Powers SERIES 700/800



## Getting The Job Done Right

**LIGHTNIN**

## THE BIGGEST, HEAVIEST DUTY STANDARD DRIVES MADE SPECIFICALLY FOR MIXING

### LIGHTNIN® SERIES 700/800

We gave this series the capacity to drive long overhung mixer shafts without steady bearings. We gave it the stamina to withstand severe bending and high-torque loads imposed by fluid forces in the tank.

And that's something you can't expect from the large general purpose drives *not* designed for mixing, which others use.

We make shafts for 700/800 mixers larger and stronger. We size the bearings far in excess of AGMA requirements. We conduct extensive research to document the limits of shaft and impeller performance under all service conditions.

As a result, you get longer service life with less maintenance. You get our performance guarantee. You get a mixer with an enviable track record, written by the thousands of 700/800 mixers produced in our state-of-the-art plant at Wytheville, Virginia.

You'll find 700/800 mixers atop huge fermentation tanks in pharmaceutical production and in all manner of large-scale chemical processing. You'll also find them in the dust and rock of minerals processing, as well as in the heavy sludge of waste treatment.

Series 700/800 come in five case sizes, covering the range from 25 through 1250 hp. Both double and triple reduction drives are available, covering the full range of standard AGMA speeds from 230 rpm down to 11.4 rpm.

#### Full Spectrum Of Impellers To Optimize Results.

Included are the A310 for flow-controlled applications, the A320 for high-viscosity requirements, the A315 for handling gas alone or gas and solids together, as well as the A6000 for applications requiring the special benefits of composite construction.

#### Tested 100%.

Every large LIGHTNIN mixer drive is tested under load on an advanced dynamometer. Tests check gear contact patterns, noise readings, thermal data and lubrication. We welcome you to watch us test your mixer.

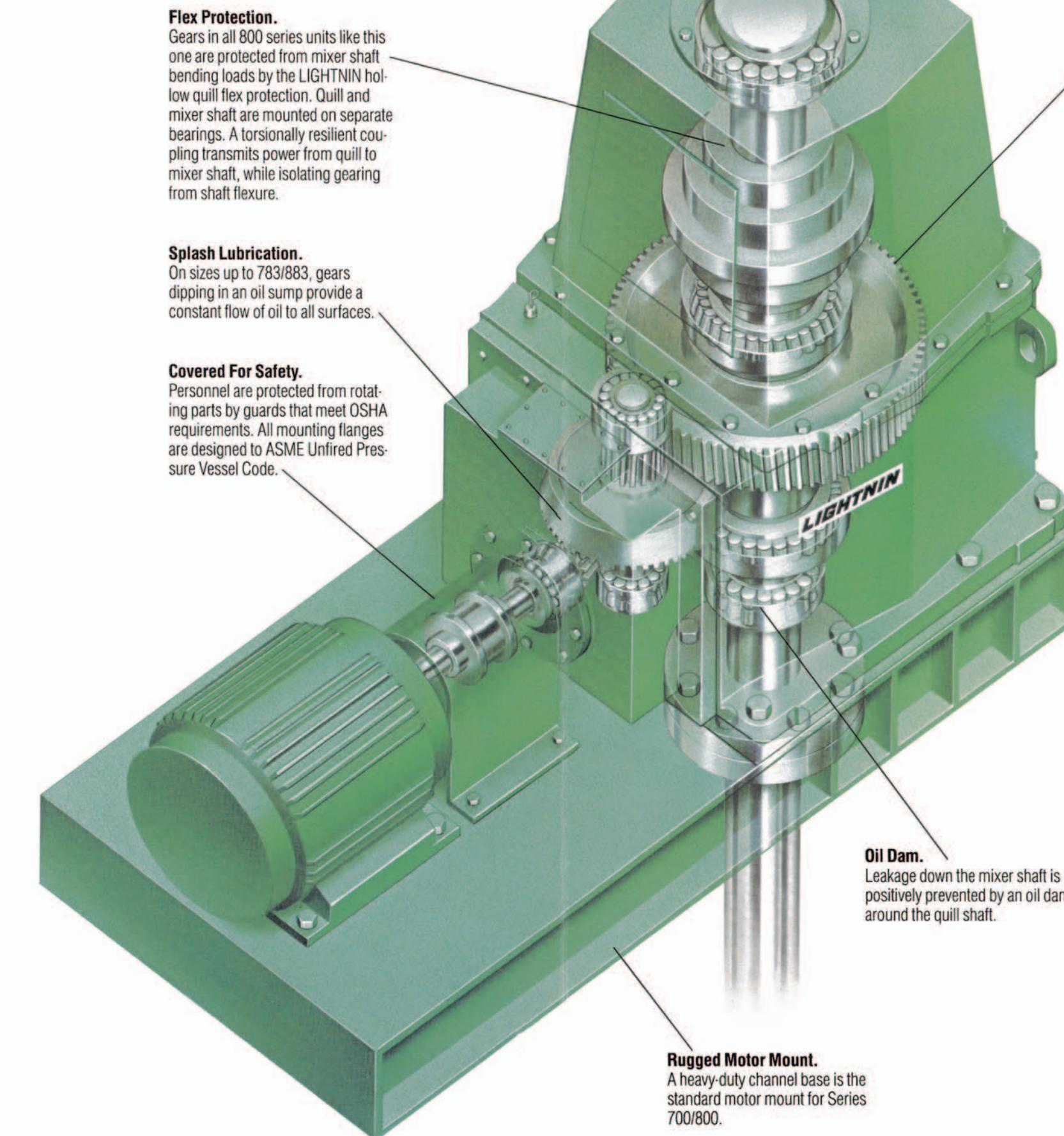
Our goal always: Deliver factory-assembled, ready-to-go packaged units with interchangeable parts that will provide you the most efficient performance at the best possible cost.

#### Guaranteed Performance.

Together, we design your rugged 700/800 mixer, selecting impeller type, shaft length and other specifications to optimize process results.

Then, we guarantee your LIGHTNIN Mixer to perform the job for which it is recommended.

## LIGHTNIN® SERIES 700/800 Features available on units up to 1250 hp



#### Support For Heavy Mixers.

Large Series 700/800 mixers are optimally supported independently from the mixing tank. Mixers of closed tank configuration can be mounted on their own beams or on the plant floor above the tank. Either way, only a separate seal or stuffing box need be mounted on the tank and supported by it.

