



**THERMAL  
PRODUCTS** INC.

Engineered Solutions To  
Industrial Applications

# **BRAWN**™ MIXER, INC.



**STAINLESS  
& SANITARY  
MIXERS**



MIXING SOLUTIONS

**WHY TRUST YOUR PROCESS TO ANYTHING LESS**

## BDSS

BRAWN's premium direct mixer leads the product series with design features that provide superior performance and long service life. This mixer is equipped with an all stainless steel motor and drive components. Popular process applications include pharmaceuticals, food processing, cosmetics, chemicals and challenging environments where corrosive vapors destroy other mixers. Motors are TENV or TEFC and are wash-down duty. Mixers in this series range from 1/3 to 5 HP, with voltages of 115 / 230 ~ single phase, or 230 / 460 ~ 3 phase. These mixers utilize BRAWN's renowned, Mix & Match concept for parts interchangeability and unparalleled versatility.



## BGSS

The premium partner to the BRAWN BDSS is the All BRAWN BGSS, which exhibits the same superior performance characteristics, but with a high capacity, helical gear reducer. Optional gear ratios are available in addition to the standard 5:1. In addition to standard TENV or TEFC motors from 1/3 to 5HP, variable speed control is also available. A variety of stuffing box and mechanical seal options are pre-engineered to reduce delivery time. Look to BRAWN for the best and most cost effective solutions for your mixing requirements.



# BRAWN™

## MIXER, INC.



**These BRAWN extra tough mixers stand up to aggressive chemicals or meet your sanitary mixing requirements.**

# PHARMACEUTICALS • FOODS • BEVERAGES

## BDSI / BGSi

In processes requiring non-wetted components to meet tough USDA or FDA standards, ask about BRAWN's BDSI and BGSi mixers. These mixers combine cleanability and corrosion resistance with budget-saving economy. Motors and housings are protected with Steel-It® paint. The stainless steel pigment in this polyurethane coating provides a USDA-accepted surface, which is also aesthetically pleasing. These products offer the widest variety of motor options in the industry, including metric standards (IEC).



## BDE / BGE

Affordable and durable describes BRAWN's epoxy-coated mixers. Motor selections are similar to the Steel-It® line with output speeds as high as 3500 RPM and as low as 175 RPM. The epoxy coated products meet many industrial needs for a sanitary finish. The metal housings on this product can be either aluminum or steel, depending on the application requirements. These modular design direct or gear models can be optionally equipped with mechanical seals, just like the other sanitary lines. Consult your local representative for other options available in this line.



DRAGES • COSMETICS • CHEMICALS



# BRAWN™ MIXER, INC.

## BRAWN

If your company has process problems, and needs a solution that is guaranteed, turn to BRAWN MIXER, INC. BRAWN's depth of experience in mechanical design and solving process problems increases your odds of obtaining exceptional results with your mixing requirements.

Our drives meet all applicable AGMA and ASTM standards. BRAWN's motor options are unparalleled due to the use of standard NEMA or IEC configurations.

At BRAWN MIXER, INC., we provide guaranteed solutions for your mixing problems.

## RISK-FREE GUARANTEE

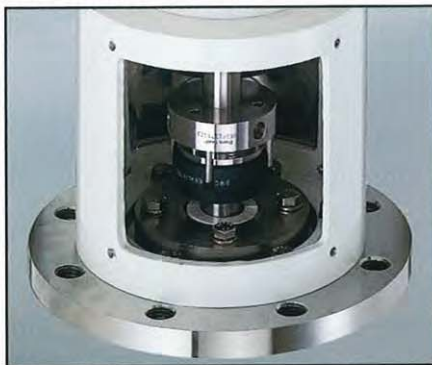
*BRAWN MIXER guarantees that in the case of failure due to faulty material or workmanship we will repair or replace the defective equipment for the first year after shipment. Furthermore, BRAWN will provide in writing a guarantee corresponding exactly with that of any other mixer manufacturer's guarantee when presented with written verification and a purchase order for the corresponding mixer.*



## BRAWN MIXER, INC.

## OPTIONS

### Mechanical Seals



Single Mechanical seals may be equipped with a sanitary gland.

### Sanitary Fittings



Many BRAWN Mixers can be equipped with a sanitary fitting like this one. It's easy on and off and cleanable.

### Impellers



A wide range of standard and custom impellers in a variety of sizes and configurations are available to your specifications and requirements.

### Special Alloys

If the wetted components in your current mixer come under chemical attack, ask your BRAWN representative about one of the many special alloys available.

### Mix & Match

With BRAWN's innovative modular design, it's simple to meet a wide range of requirements from special motors to exotic materials of construction.

Your BRAWN Representative:

## BRAWN... Your Full Line Mixer Resource

BRAWN makes a full line of mixers to meet all your mixing needs. Call us for more information.



BRM Series



LG/SG Series



BDF Plate mount



BGM Gear Drive  
Clamp Mount



MIXING SOLUTIONS