PerMix
Perfect Mixing Technologies

WE OFFER PERFECT MIXING TECHNOLOGIES

PHARMACEUTICAL

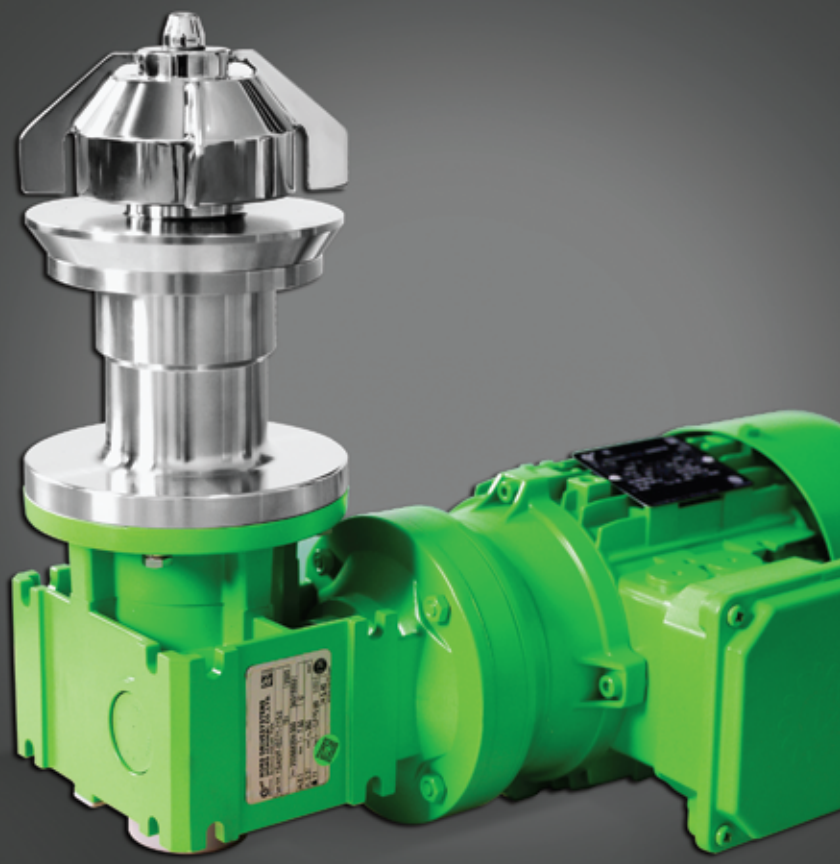
NUTRACEUTICAL

FOOD

CHEMICAL

BIO

HEALTH & BEAUTY



PM MAGNETIC MIXER

PM MAGNETIC MIXER

The range of PerMix PM series Magnetic Mixer uses special magnetic driving and non-sealing technology, which is totally different from the common gear-drive agitators.

In a magnetic mixer, the magnetic couplings transmit the torque from the drive to the impeller by the magnet field. No direct touch of the impeller with the drive is necessary therefore no need for the conventional sealing, also they are working nearly without mechanical wear, which makes it possible that these magnetic mixers have much longer duty life with correct design and under proper working conditions.

The mixing head can be equipped with several different mixing elements such as propellers or Rushton turbines.

Biotechnology and fermentation are the most advanced fields of application in process technology. For quite a long time magnetic stirrers take over a leading role in high-tech agitation. There are also demands from other industries for magnetic mixers.

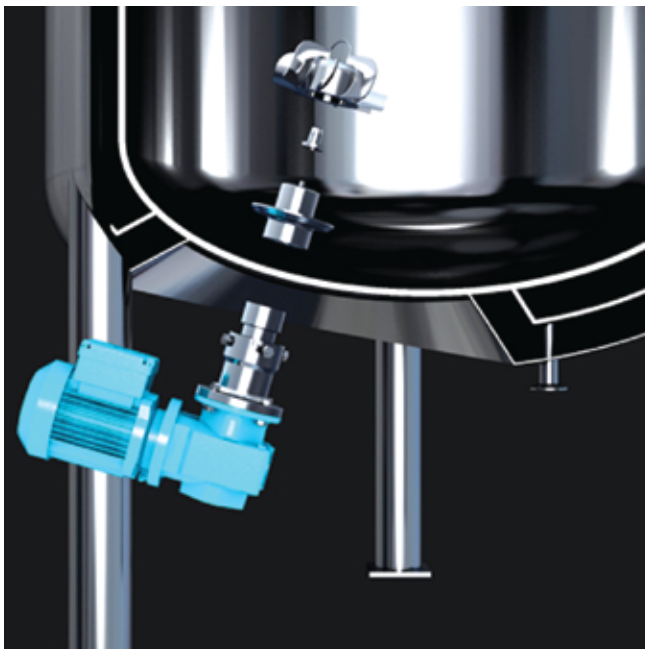
ADVANTAGES & OPTIONS

The features & options of PerMix Magnetic Mixers are:

- High blending capacity with low power consumption
- Highly hygienic design, easy cleaning and steriliza tion in the vessel by steam or hot water
- Bayonet / Tri-clamp connection for easy assembly/ disassembly of the drive unit (Option)
- No sealing demand and no danger of leakage and contamination between batches
- Low shearing for shear-sensitive materials
- No wear of the mechanical parts leading to long duty life and minimum maintenance
- Ex-proof version for flammable fluid processing
- A variety of impeller types available for different applications

INSTALLATION

The PM series Magnetic Mixer is designed to be bottom mounted to the mixing vessel. A weld plate is firstly welded to the vessel bottom, and then the impeller is mounted from the top, while the drive is mounted from the bottom onto the weld plate by bolts or clamping.



SPECIFICATIONS

Model	Max. Capacity, Liter	Motor Power, kW	Impeller Diameter	Speed, rpm
PM-90	50	0.18	90	375
PM-120	300	0.37	120	375
PM-155	500	0.55	155	375
PM-200	1,000	0.75	200	375
PM-220	3,000	1.5	220	375
PM-240	4,000	2.2	240	375
PM-260	6,000	4	260	320
PM-320	10,000	5.5	320	290

- Specific working volumes can be offered according to customer's requirement.
- Speed can be adjusted according to customer's request.
- All specifications are as accurate as is reasonably possible, but they are not binding.
- PerMix reserves the right to modify the design without notice.

PerMix
Perfect Mixing Technologies

PerMix Tec Co., Ltd.
Adi 17940, Israel

Contact: Mr. Arie Srugo
Tel: +972-54-908-0144
Email: srugoa@permixtec.com

www.permixtec.com
www.permix-mixing.com

PerMix in China
Shanghai, 201821, China
Contact: Mr. Aaron Huang
Tel: +86 133 911 68218
Email: aaron.h@permixtec.com

PerMix North America
Chicago, Illinois,
60601, USA
Contact: Mr. John Paul
Tel: +1 630-649-1357
Email: John.paul@permixtec.com

South America office
Buenos Aires, Argentina
Contact: Mr. Gonzalo Villagra
Tel: +54-9-11-35374801
Email: gonzalo.villagra@permixtec.com

UK office
Scotland, UK
Contact: Mr. James Ryder
Tel: +44 (0) 7554139667
Email: james.ryder@permixtec.com

South Africa office
South Africa
Contact: Mr. Martin Whelan
Email: saf@permixtec.com

Russia office
Contact: Mr. Vladislav Dyuzhev
Tel: + 7 910 443 9924
Email: ru@permixtec.com

Ukraine office
Contact: Mr. Viacheslav Pishyi
Tel: +38 067 45 44 694
Email: ua@permixtec.com

India office
501, KL Accolade, Santacruz East,
Mumbai – 400 055,
Maharashtra, India
Contact: Mr. Kevin Pinto
Tel: +91 7715005495
Email: india@permixtec.com