



THIS IS
mete  nova

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Our technical history, the evolution of mag-mixers



Our Legacy

Over the last 3 decades Metenova's founders have been the driving force in the evolution of magnetically coupled mixers. During this time advancements in manufacturing for both biotech and pharmaceutical products have changed dramatically.

Demands for revolutionary technologies to help with these advancements have always been critical to the industry as scientific break-throughs combined with great improvements in production efficiency have enabled cures for diseases that would have been fatal not long ago. Our knowledge of mixing and the needs of our clients continue to inspire us to improve our designs based on customer input, experience, empirical testing and computer modeling. The results are new products with better functionality and improved reliability.

Whatever you need to mix

Metenova mixers give you the perfect result, every time. The application optimized design brings superior mixing result and outstanding reliability for all mixing applications in the pharmaceutical and biotechnology industries.

For
Chemical
Applications



ZGP Plastic Mixer

Our ZGP plastic mixers provide a cost-efficient version of the ZG mixer particularly targeting the chemical applications. This product line is a great alternative to costly high alloy versions for demanding chemical applications.

For Powder
and Vigorous
Mixing
Applications



HP High Power Magnetic Mixer

The High Power mixer with its open design and high power input makes it perfect for breaking down lump forming powders or rapid mixing of buffer solutions

For Emulsi-
fication and
High Shear
Applications



HS High Shear Magnetic Mixer

The efficient rotor stator design in the High Shear mixer is ideal for emulsification applications and particle downsizing

Our mixer solutions range from plastic carboy solutions for easy transportation between plants, to gentle agitation for cell cultures to vigorous mixing for fast and complete dissolving of difficult solutions. Whatever your need, Metenova mixers provide you with mixing solutions that outperform all of your mixing needs.

For General
Mixing
Applications



ZG Magnetic Mixer

ZG mixers are very versatile and is the base line of our mixer program. The high efficiency mix head design allows for both effective and gentle mixing at the same time. The ZG mixer covers a vast range of applications all through the process chain.

For Low Shear
Applications



ZF - Free Floating Mixer

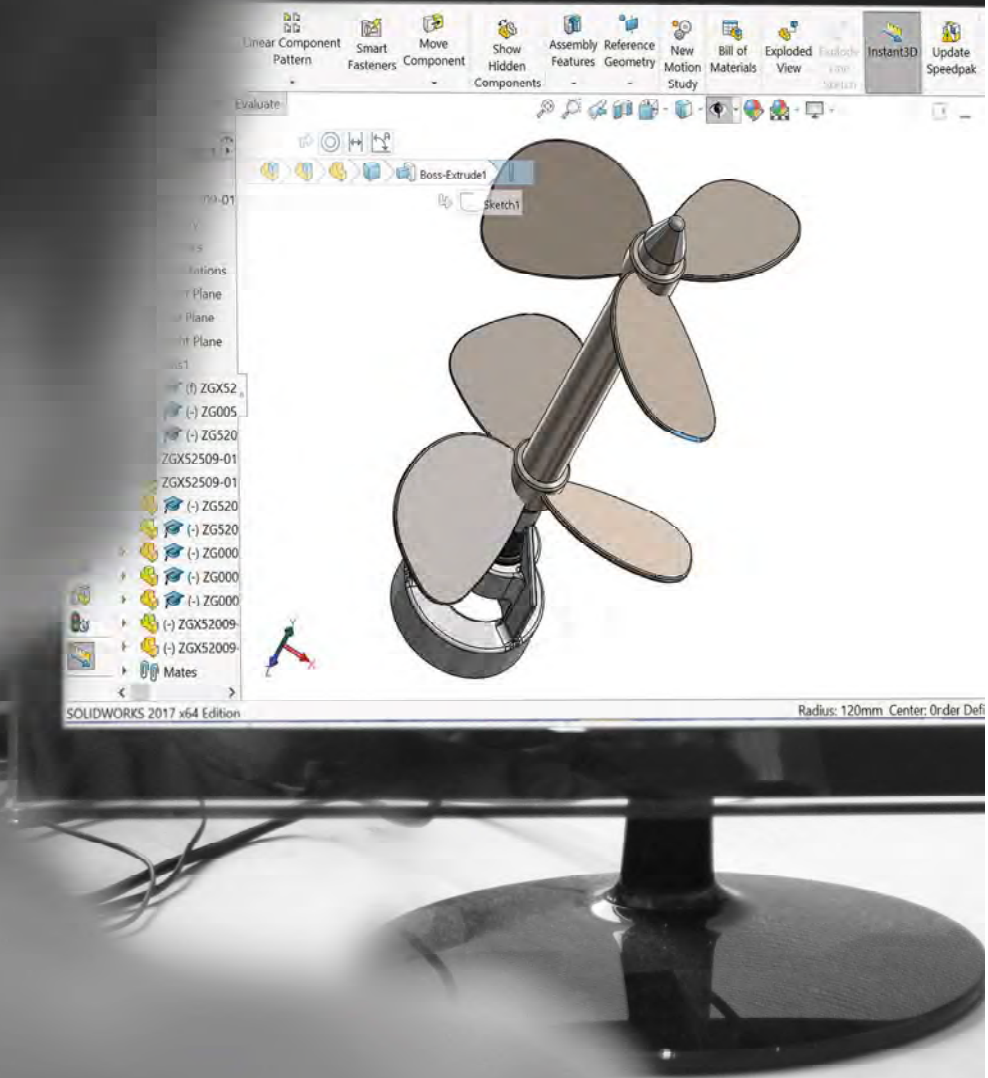
The revolutionary ZF with its bearing less fully levitating technology enables a unique design that is perfect for shear sensitive products. This product is our high-end mixer that offers a unique control and measuring capability that can be leveraged in final drug substance holding tanks or bioreactors.



Test your production in our application lab

Metenova can optimize your mixing process and achieve cost-effective results every time. We can help evaluate different mixing solutions for your specific application with trials in our lab. By combining our facilities specialized equipment with our mixing expertise, we provide information to our customers, prior to specifying equipment, that significantly reduces the risk of unpleasant and potentially costly surprises.

Our lab is equipped with mixers and vessels capable of simulating a wide range of mixing applications. We can assist in optimizing the process and select the best suited Metenova equipment for your application. You also have the support and guidance of our experts during the tests. We can also help you determine the effectiveness of existing technology and compare their effectiveness to different Metenova solutions. This way you have reliable facts to base your equipment decisions on.



Linear Component Pattern Smart Fasteners Move Component Show Hidden Assembly Features Reference Geometry New Motion Study Bill of Materials Exploded View Evaluate Instant3D Update Speedpak

Evaluate Boss-Extrude1 Sketch1

- 01
- Y
- Sketches
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- Front Plane
- Right Plane
- Left Plane
- Top Plane
- Part1
- (0) ZGX52
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SOLIDWORKS 2017 x64 Edition Radius: 120mm Center: Order Defi

Just for you

There are a number of occasions when, even with an extensive range of standard mixer solutions, an "off the shelf solution" just doesn't cut it.

Needs for already validated wing designs, drive units with a particular motor brands, high alloy materials or adaption to an existing weld flange or tank plate calls for Metenovas customized product range. Our engineers can adapt a mixer profile for your specific demands onto the Metenova's state of the art mixing platform.

Through our experienced team of mixing experts Metenova can quickly asses the best technical solution for a particular application and customization need. Fully understanding our technology and it's capabilities allows our engineers to combine this knowledge with your experience and wishes to design a unique solution tailormade for your needs.

Introducing the Metenova ZF- Mixer

Highest level
of aseptic
design

Only stainless
steel in product
contact

No
bearing

Fully
free floating
mixer

No
wear
parts

No moving
parts in the
motor



The Ultimate Solution

Over 30 years our founders have strived for the perfect solution to mixing, with every generation coming closer to the Ultimate Solution.

Now we can proudly say - this is it!

An astonishing breakthrough in engineering, eliminating all known flaws of previous mixer designs in one giant technological leap!

No more bearings, no shear in the bearing and no risk of contamination. All our clients wishes satisfied in one unit. This revolutionary mixing solution levitates the mix head in a magnetic all axis forcefield and is frictionless, as no mixer surfaces ever touch. All while delivering the mixing capability Metenova is renowned for, capable of even the most demanding mixing applications.



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