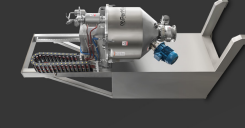
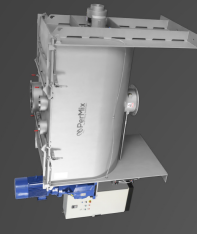
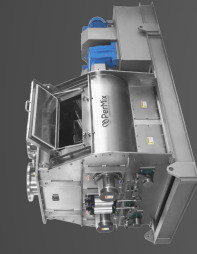
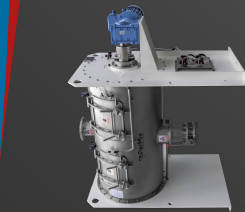










PerMix is one of the most disruptive brands in the industry



MODEL	PTP	PTS	PFB	PRB	PNA	PAM
Name	Paddle Mixer	Plow Mixer	Fluidized Zone Mixer	Ribbon Mixer	Conical Screw Mixer	Vertical Paddle Mixer
Description	<p>Paddle Mixers are high-efficiency mixers derived from the well-known plow mixers, they provide a homogeneous mix with lower shear effect on the raw material ( gentle mixing ) and lower power consumption.</p> <ul style="list-style-type: none"> <li>• The most versatile in the industry.</li> <li>• High mixing capacity.</li> <li>• Low energy consumption.</li> <li>• Accessible cost.</li> <li>• Good handling of viscous/sticky raw material.</li> </ul>	<p>Plow mixers are high efficiency mixers that provide a Medium/High shear effect on ingredients. They can handle very diverse raw materials.</p> <ul style="list-style-type: none"> <li>• Wedge-shaped blades.</li> <li>• Mixed more intense and aggressive.</li> <li>• Homogeneous mixtures in proportions of 1 in 1,000,000.</li> <li>• Very high speed mixing time and very good for cont. mixing</li> </ul>	<p>The PerMix Fluidized Zone Mixer is a high efficiency, low/no shear fast mixer, which can also be known as a fluidizing mixer. This mixer is used to prepare a homogeneous mixture regardless of the size, shape and density of the particles.</p> <ul style="list-style-type: none"> <li>• Highly efficient.</li> <li>• Reduces mixing time, yet not damaging the mixed product.</li> <li>• Low levels of temperature due to friction.</li> <li>• Fast and total download by gate.</li> <li>• Low maintenance.</li> <li>• Easy cleaning.</li> </ul>	<p>The Ribbon Mixer or helical ribbon models are versatile mixers for mixing dry powders, granules and viscous pastes homogeneously. They offer a satisfactory "smoothness" for mixing and minimal heat generation without any product distortion.</p> <ul style="list-style-type: none"> <li>• Its vertical.</li> <li>• Very good for sensitive materials</li> <li>• Complete discharge, good for hygienic product.</li> <li>• Easy to clean.</li> <li>• High rate of heat transfer.</li> <li>• No seals in contact with the mixed product.</li> </ul>	<p>The PerMix PNA series Conical Auger Mixer, also known as a Nauta Mixer®, is a batch mixing equipment used widely in applications that require gentle mixing and minimal heat generation without any product distortion.</p> <ul style="list-style-type: none"> <li>• Its vertical.</li> <li>• Very good for sensitive materials</li> <li>• Almost no residue.</li> <li>• Very easy for cleaning.</li> <li>• No Seals in contact with the mixed product.</li> <li>• Can handle small to large batches on the same machine.</li> </ul>	<p>The Vertical Paddle Mixer is a super innovation that combines all the advantages of precise mixing homogeneity, highly hygienic design, complete flushing with minimal waste, wide charge volume range, and robust design with long service life.</p> <ul style="list-style-type: none"> <li>• High level of mixing precision.</li> <li>• Gentle blend for sensitive materials</li> <li>• Complete discharge, good for hygienic product.</li> <li>• Easy to clean.</li> <li>• High rate of heat transfer.</li> <li>• No seals in contact with the mixed product.</li> </ul>
Available Volume	From 5 to 20,000 Liters	From 5 to 20,000 Liters	From 100 to 30,000 Liters	From 100 to 30,000 Liters	From 50 to 10,000 Liters	From 150 to 20,000 Liters
Mixing Time	From 2 to 10 min. (size dependent)	From 1 to 5 min. (size dependent)	From 1 to 3 min. (size dependent)	From 15 to 20 min. (size dependent)	From 15 to 20 min. (size dependent)	From 2 to 10 min. (size dependent)
Most Used Industry	Food, Building Materials, Nutraceuical, Agribusiness and Mining	Food, Chemical, Mining, Building Materials and Agriindustry	Food, Pharmaceutical, Nutraceuical, Building Materials and Chemical	Food, Chemical, Building materials and Agriindustry	Food, Pharmaceutical, Nutraceuical, Chemical, Building Materials and Agriindustry	Food, Pharmaceutical, Nutraceuical, Chemical and Agriindustry
Rotation speed*	15-60 RPM	54-170 RPM	20-80 RPM	38-80 RPM	57/1 - 117/2 RPM***	21-105 RPM
Allows Choppers	Available	Available	Available	Not Available	Not Available	Available
% of product residue	1 - 2%**	1 - 2%	0.2 - 0.5%	2-4%	0.1 - 0.3%	0.1 - 0.3%
Range of min. to max. mixing volume	40%	40%	20%	30%	10%	10%
<b>Comparative Model of 1000 Useful Liters</b>						
Power	11 kW/ 15HP	30 kW/ 40HP	18,5 kW / 25 HP	18,5 kW / 25 HP	5.5 & 0.55 kW / 15 & 0.75 HP***	15 kW/ 20HP
Size (Footprint)	Medium (3,85 m²)	Medium (3,85 m²)	High (5,22m²)	High (5,22m²)	Low (2,50 m²)	Low (2,50 m²)
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>PHARMACEUTICAL</p> </div> <div style="text-align: center;">  <p>NUTRACEUICAL</p> </div> <div style="text-align: center;">  <p>FOOD</p> </div> <div style="text-align: center;">  <p>CHEMISTRY</p> </div> <div style="text-align: center;">  <p>BIO</p> </div> <div style="text-align: center;">  <p>HEALTH &amp; BEAUTY</p> </div> </div>						

\*Range for mixers from 100 liters to 5000 liters  
 \*\* Can be lowered with extra means  
 \*\*\* Inside of the PerMix Conical Screw Mixer, there is a cantilevered rotating screw (or two three screws according to specified application) rotating by its own axle which is in parallel to / near the wall of the cone vessel.