



**BECOMIX**

*process  
technology*

## **[LVM] Large volume/low cost processor**

For medium-viscosity hot/cold emulsions, liquids,  
sprays and shampoos



Cosmetics



Pharmaceutical



Chemical

# (LVM) Large volume/low cost processor

For medium-viscosity hot/cold emulsions liquids, sprays and shampoos

  
Shear variability

  
Hot/cold production

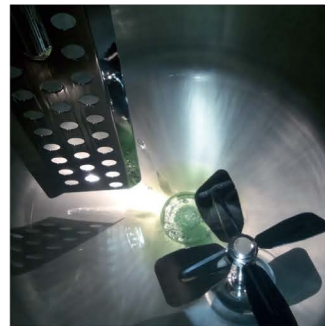
  
Powder processing

  
Pharmaceutical qualification

<b>Applications</b>	<p>Rapid and cost-effective production of low- to medium-viscosity products</p> <p>For liquids, lotions including hot/cold emulsions, deodorants, shampoos, sprays, foams, pharmaceutical syrups, etc.</p> <p>Individually configurable for all applications and premises</p> <p>Can be used for cold production of shampoos and hot/cold emulsification</p> <p>Sterile production possible</p>
<b>Sizes</b>	125 to 20,000 litres
<b>Properties</b>	<p>Patented BECOMIX homogeniser with integrated CIP pump</p> <p>Low-foaming / cold production of shampoos</p> <p>BECOMIX turbo mixer built into tank bottom</p> <p>Instant dilution of SLS[LES/Texapon®] in cold water</p> <p>BECOMIX's unique hot/cold procedure reduces batch times (by up to -55%)</p> <p>Rapid and dust-free dispersion of powder even in the smallest of batches thanks to the Powder Jet</p> <p>Touch PC, manual and automated, optionally recipe-controlled automation incl. ERP interface</p> <p>Integrated CIP/SIP</p> <p>ATEX zone 2 to 0 possible</p> <p>cGMP design</p> <p>Comprehensive documentation (material and welding seams, installation and operation qualification IQ/OQ, various languages)</p>

<b>Technologies</b>	<p><b>Shear variability:</b> Shear variability means that the shear intensity of our homogenisers can be specifically varied according to needs for an almost unlimited range of applications.</p> <p><b>Hot/cold production:</b> In the hot/cold procedure, the molten wax phases and cold water phases are combined and immediately emulsified. The result is a reduction in production times by more than half and up to 80% lower energy consumption.</p> <p><b>Powder processing:</b> BECOMIX systems offer a range of different options for the addition of raw materials in the form of powders. The Powder Jet homogeniser is one of the quickest and cleanest options available.</p> <p><b>Pharmaceutical qualification:</b> BECOMIX works in strict accordance with the latest pharmaceutical industry standards.</p>
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**Further information** <https://becomix.de/Low-viscosity-mixer-en>



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