FEED AND BIOFUEL

FAST AND EFFICIENT BATCH MIXING

SHANGHAI MIXER TYPE SMX AND SMXD
The ANDRITZ SMX and SMXD series mixers are proven to deliver fast and efficient mixing that is ideal for a variety of powdered and specialty granular materials.

Fast, high-quality mixing, and complete material discharge are all vital for the optimal operation of both the pellet mills and extruder as well as ideal animal performance. Therefore, ANDRITZ supplies two different batch mixers suited for your particular needs.
**SMX SERIES SINGLE-SHAFT MIXER FEATURES**

- **Homogeneous Mixing:** The rotor of the machine is equipped with two layers of paddles; this configuration strengthens the distribution of particles and decrease mixing time while still achieving homogeneity.

- **Low Residue:** The opening range of the discharge door as well as the optimized space between the paddles and housing virtually eliminates residue buildup and prevents cross contamination.

- **No leakage:** The closed shaft design and the silicone rubber seal on the discharge door both work to prevent material leakage.

- **Humanization:** The wide access door makes the machine easy to clean and maintain and the protection switch provides an additional guarantee of personal safety.

**SMXD SERIES DOUBLE-SHAFT MIXER FEATURES**

- **Short mixing time and high homogeneity:** Homogeneous mixing occurs within 45~60s amounts to CV≤5%, which largely reduces the mixing time; saving energy and improving productivity.

- **Large effective volume for liquid addition:** A variety of liquid can be added, such as water, molasses, oil etc. according to demands.

- **Chain driven design:** The SMXD is smooth running, features low power loss, and a long service life thanks to the chain and wheel drive.

- **Unique structure:** The unique shape and structure offers fast discharge with minimal residue buildup but requires little floor space.

**TECHNICAL SPECIFICATIONS**

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<th>Model</th>
<th>Volume</th>
<th>Power</th>
<th>Capacity</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>m³</td>
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<td>kg/batch</td>
<td>mm</td>
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GLOBAL SUPPLIER – LOCAL PRESENCE

With sales, service, engineering, manufacturing and production sites located all around the world, ANDRITZ Feed and Biofuel is truly a global organization with a local presence. ANDRITZ is vital to ensuring a reliable global supply of aqua feed, animal feed, pet food, and biofuel. With full process lines accounting for half the world’s production of aqua feed and biomass alone, we continuously support leading producers in achieving the highest levels in safety, quality, and control from feedstock to final product.

How can we help grow your business?

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