FEED AND BIOFUEL

EFFICIENT BIOMASS PELLETING PRODUCTION

PELLET MILLS FOR BIOMASS
A wide range of pellet mills for biomass

ANDRITZ was the first pelleting equipment supplier for the creation of biomass pellets in Europe and has acquired a vast amount of knowledge regarding the many different materials used in bioenergy. Pelleting plays a significant role in biomass production as the act of pelleting breaks down plant based structures, facilitating optimal energy withdrawal while simultaneously reducing original structure size and densifying raw materials to reduce shipping and handling costs. ANDRITZ has developed a range of pellet mills, with either gear-driven or belt-driven transmission, to deliver peak performance, quality, and controllability for a variety of biomass pelleting needs.

The constant exposure to extreme pressure, fluctuations in temperature and abrasion that comes along with shaping raw plant based materials into pellets, requires precision die design. ANDRITZ pellet mills are strong and dependable, built specifically to withstand these tough conditions.

GEAR DRIVEN PELLET MILLS

Gear driven pellet mills are constructed from the most durable materials to insure proper die roll support and are energy efficient due to their single reduction gear system.

Die casings and housings are lined with stainless steel and the main shaft is machined to precision tolerances and then heat treated to reduce wear and tear and increase the lifetime of your equipment.

Additionally, the cartridge assembly is designed to make die changes fast, easy and safe, saving the operation from unnecessary down-time.

BELT DRIVEN PELLET MILLS

ANDRITZ belt driven pellet mills can be found operating in more biomass mills in North America than any other brand of pellet mill. The single reduction V-belt construction allows them to operate efficiently 24 hours a day, processing difficult by-products with ease while requiring little maintenance and no messy oil changes.

The ANDRITZ Centri-Feeder® can be used with two and three roll units and distributes feedstock evenly across the entire surface of the die, maintaining the die/cavity balance and improving pellet quality and increasing mill capacity.
## PELLETING

<table>
<thead>
<tr>
<th>Pellet mill type</th>
<th>Die press area</th>
<th>Number of press rolls</th>
<th>Max. power</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Belt-driven</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paladin 2000</td>
<td>4540 cm²/ 704 sq. in.</td>
<td>3</td>
<td>2x160 -</td>
</tr>
<tr>
<td>26LM-II</td>
<td>2110 cm²/ 327 sq. in.</td>
<td>3</td>
<td>- 400**</td>
</tr>
<tr>
<td>26WLM-II</td>
<td>3161 cm²/ 490 sq. in.</td>
<td>3</td>
<td>- 400**</td>
</tr>
<tr>
<td>32LM</td>
<td>2916 cm²/ 452 sq. in.</td>
<td>3</td>
<td>- 500**</td>
</tr>
<tr>
<td>5” Ace</td>
<td>1045 cm²/ 162 sq. in.</td>
<td>2</td>
<td>- 150**</td>
</tr>
<tr>
<td><strong>Gear-driven</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM30</td>
<td>3600/ 4988 cm²/ 558 sq. in.</td>
<td>2</td>
<td>355 -</td>
</tr>
<tr>
<td>BioMax</td>
<td>7200 cm²/ 1116 sq. in.</td>
<td>3*</td>
<td>800 -</td>
</tr>
</tbody>
</table>

*Available with automatic roller adjustment
** 60Hz
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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