



**ANDRITZ**

**FEED AND BIOFUEL**  
**EFFICIENT BIOMASS**  
**PELLETING PRODUCTION**

**PELLET MILLS FOR BIOMASS**

**ANDRITZ**

**ENGINEERED SUCCESS**

# 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 pelletizing 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 effi-

ciently 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.



**ANDRITZ LM26**

Designed for high performance and low operating costs



## PELLETING

Paladin



LM



5" Ace



PM30



Biomax



## TECHNICAL INFORMATION

Pellet mill type	Die press area		Number of press rolls	Max. power	
	cm <sup>2</sup>	sq. in.		kW	HP
<b>Belt-driven</b>			Std.		
Paladin 2000	4540	704	3	2x200	-
26LM3	2110	327	3	336	450**
26WLM3	3161	490	3	336	450**
32LM	2916	452	3	-	500**
5" Ace	1045	162	2	-	150**
<b>Gear-driven</b>					
PM30	3600/ 4988	558	2	355	-
BioMax	7200	1116	3*	800	-

\*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?

### ANDRITZ Feed and Biofuel A/S

Glentevej 5-7  
6705 Esbjerg, Denmark  
p: +45 72 160 300  
andritz-fb.dk@andritz.com

#### AUSTRALIA

p: +61 3 8773 4888  
andritz-fb.au@andritz.com

#### CHINA

p: +86 21 5774 5781  
andritz-fb.cn@andritz.com

#### ITALY

p: +39 (0445) 575 695  
andritz-fb.it@andritz.com

#### TURKEY

p: +90 232 570 38 00  
andritz-fb.tr@andritz.com

#### BANGLADESH

p: +880 22 2226 4800  
andritz-fb.bd@andritz.com

#### DUBAI

p: +971 4 299 5555  
andritz-fb.uae@andritz.com

#### MEXICO

p: +52 443 323 1530 ext 364  
andritz-fb.mx@andritz.com

#### UK

p: +44 1482 825119  
andritz-fb.uk@andritz.com

#### BRAZIL

p: +55 47 3387 9146  
andritz-fb.br@andritz.com

#### FRANCE

p: +33 24 75 06 364  
andritz-fb.fr@andritz.com

#### NETHERLANDS

p: +31 40 2627777  
andritz-fb.nl@andritz.com

#### USA

p: +1 570 546 1253  
andritz-fb.us@andritz.com

#### CANADA

p: +1 519 676 7057  
anbosales@andritz.com

#### GERMANY

p: +49 2104 9197 0  
andritz-fb.de@andritz.com

#### POLAND

p: +48 60 906 1037  
andritz-fb.pl@andritz.com

#### VIETNAM

p: +84 8 6253 9434  
andritz-fb.vi@andritz.com

#### CHILE

p: +56 2 24624608  
andritz-fb.cl@andritz.com

#### INDIA

p: +91 87544 15287  
andritz-fb.india@andritz.com

#### SOUTH AFRICA

p: +27 82 781 0808  
andritz-fb.za@andritz.com

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