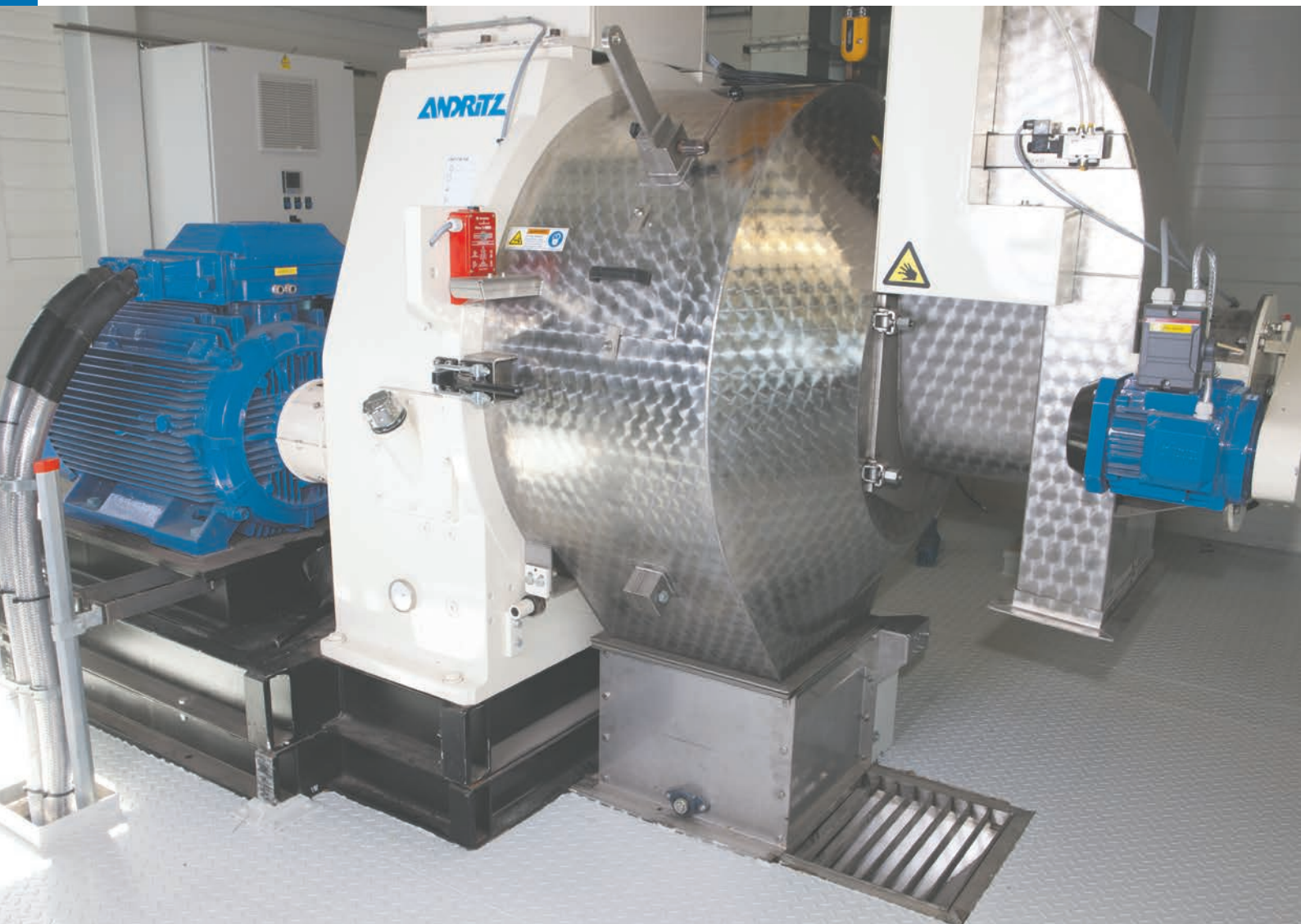


Pellet mills

Efficient feed production



Gear-driven pellet mills

– a wide range of pellet mills



▲ PM1219

The ANDRITZ range of pellet mills features gear-driven transmission, which offers very high pelleting performance, quality, and controllability.



The PM gear-driven pellet mill offers:

- Rigid, durable construction for a wide range of applications
- Capacities up to 100 tph
- Powerful, efficient, single-reduction gear transmissions capable of transferring up to 560 kW/800 HP of motor power
- High torque over a wide range of die speeds
- Compact profile, small footprint, makes the pellet mill easy to install
- Modular design for ease of upgrade to higher capacity
- Comprehensive range of options
- All parts in contact with the product are made of wear-resistant stainless steel

◀ Service and maintenance

For animal feed production



▲ PM615



▲ PM717



▲ PM919

The PM919 series combines the best of current pellet mill technology with proven features from our long-established family of gear-driven pellet mills, offering the highest output per kWh in its class.

Gear-driven pellet mills, PM30 ▶

For biomass



▲ LM26

The LM26 pellet mill is made for the very demanding task of pelleting biofuel materials, with a unique design providing high performance at the lowest operating costs.



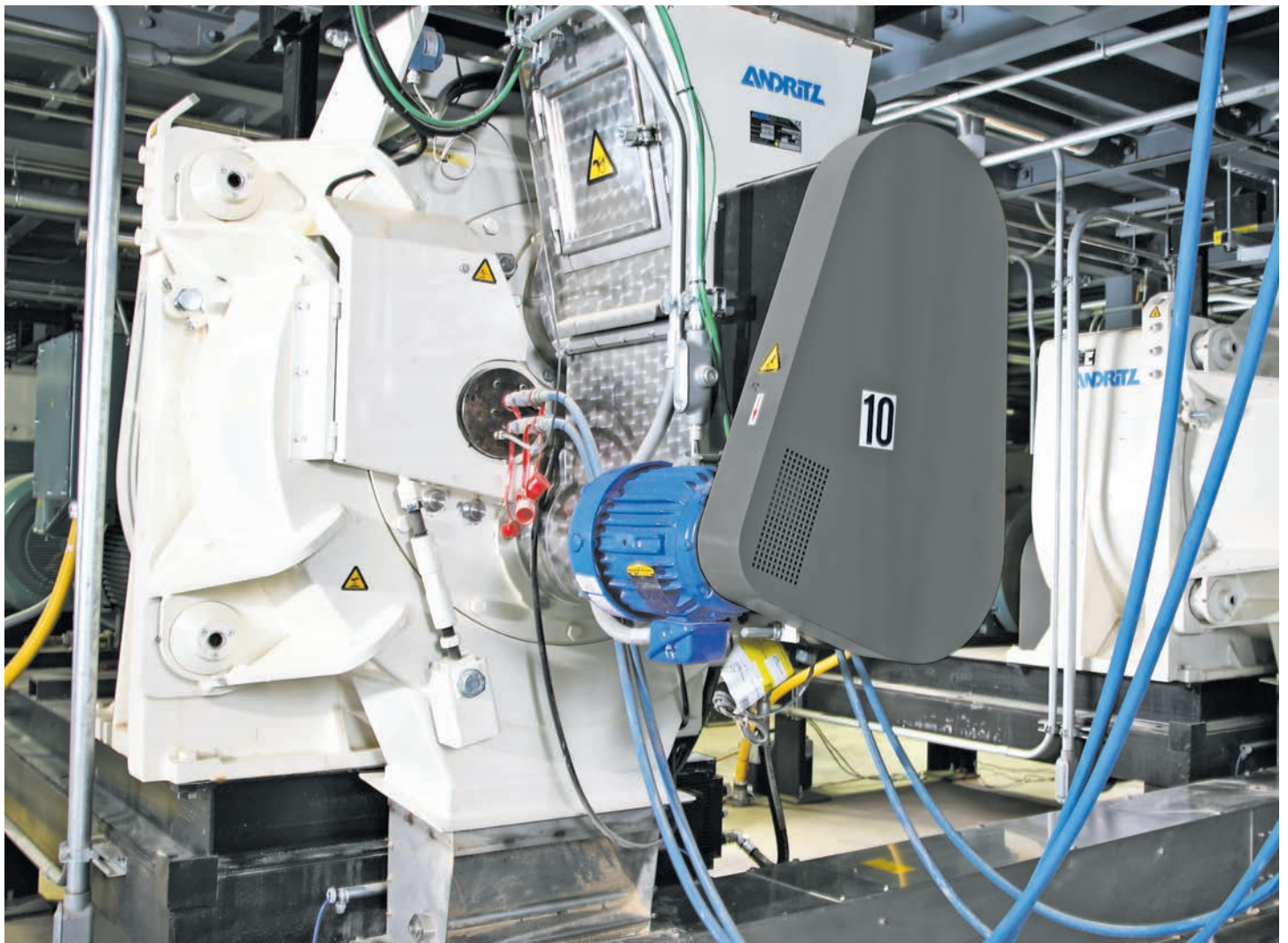
▲ PM30

The unique PM30 pellet mill, with its robust and easy-to-maintain design for high performance and low operating costs, is made especially for very demanding biomass pelleting tasks.



▲ BioMax

The BioMax pellet mill is a sturdy machine designed for pelleting materials that require a very high pelleting force. The machine has been designed to handle high-volume materials, for which traditional pellet mills are not suited.



Standard features

High-skill design for animal feed

The ANDRITZ pellet mill range represents the accumulated experience of 3 dominant suppliers of pellet mills over the past 50 years.

Standard features on most ANDRITZ pellet mills:

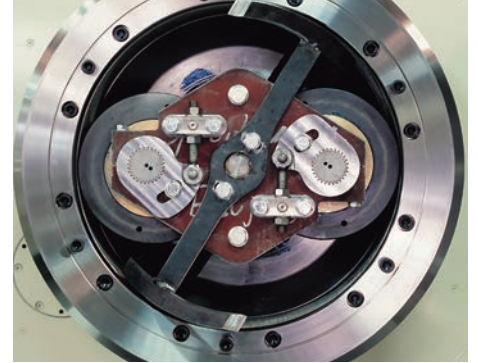
- Single-wall pellet chamber in heavy-duty stainless steel; PM615, PM30, LM26, and BioMax
- Pellet chamber made in double-wall



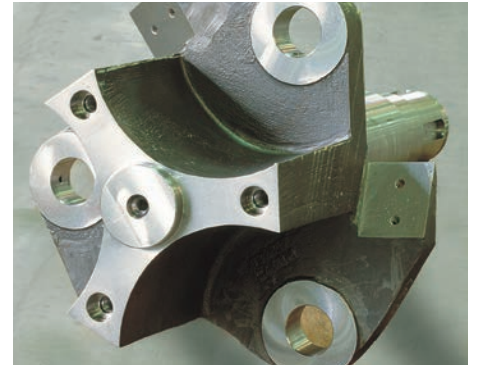
▲ Pellet chamber

sandwich construction with heat and noise insulation; PM717, PM919, and PM 1219

- ANDRITZ pellet mills have 2 or 3 rolls
- Large die area to motor load ratio
- Manual roll setting is standard
- Taper die fit with self-piloting effect making die changing easy
- Die strengthening rings, preventing die distortion
- Door with hinges right/left opens for access to the entire pelleting chamber
- Rugged roller main shaft, mono block cast design manufactured from the highest quality stainless steel, capable of withstanding the most severe applications
- Shear pin-type overload protection standard for all models
- Equipped with safety systems, which stop the pellet mill immediately in case of irregularities

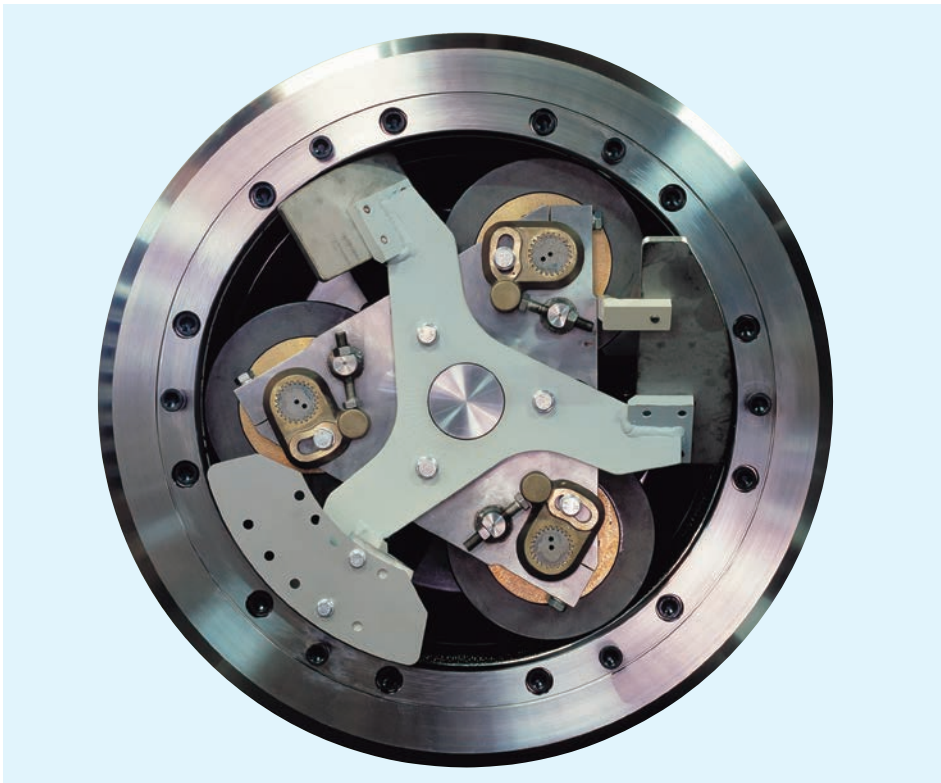


▲ Two-roll pellet mill

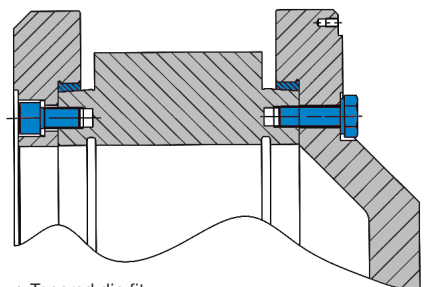


▲ Roller main shaft

▼ Three-roll pellet mill



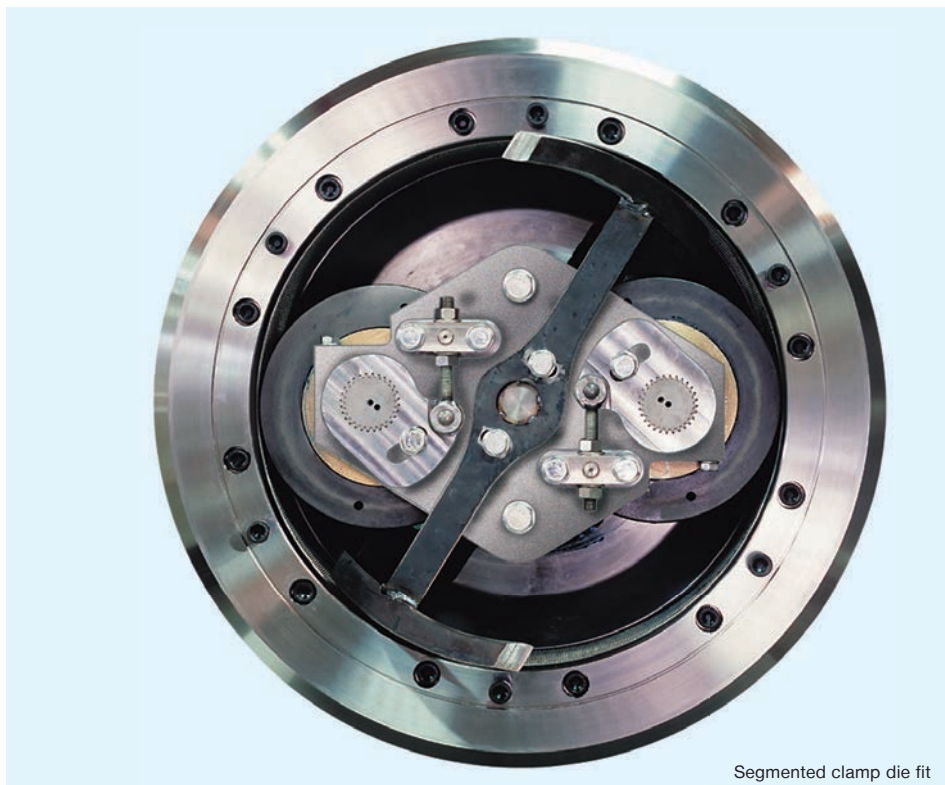
▲ Shear pin overload protection



▲ Tapered die fit

Optional features

High-skill design for animal feed



Segmented clamp die fit

▲ Two-roll pellet mill option

Highly skilled American and European design engineering teams working in close contact with our customers ensure that ANDRITZ pellet mills fulfil customer needs – using state-of-the-art technology.

Optional features available for most ANDRITZ pellet mills:

- Automatic roll adjustment is available on certain models
- The inlet screw and dump chute options provide uniform distribution of material to the press rollers for pelleting of low-density and other difficult raw materials or expanded materials
- Die mount with segmented, clamp-type arrangement, only for PM717
- Automatic grease lubrication systems
- Oil cooling systems
- Built-in hoist with lifting tools for easy and safe die changes and maintenance
- Fat-on-die spray system
- Computerized process control for monitoring all key parameters
- Range of conditioner chambers providing optimum retention time for specific capacity requirements



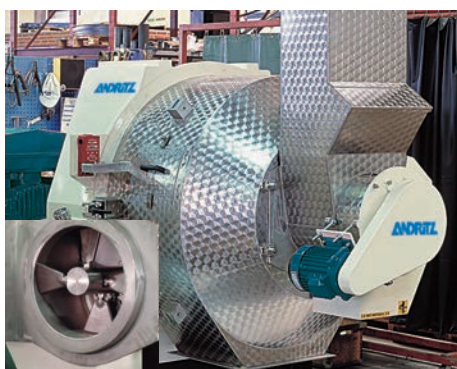
▲ Pellet chamber/Centri



▲ Pellet mill oil cooling



▲ Automatic roller adjustment



▲ Pellet chamber/inlet screw

Pellet mill range

Gear-driven



Pellet mill type	Die press area		Number of press rolls		Max. power 50Hz	
	cm ²	sq. in.	Std.	Option	kW	HP
Gear-driven						
PM615W	3,016	468	2		160	200
PM615XW	3,581	555	2		160	200
PM717W	4,178	648	3	2*	355	500
PM717XW	5,498	852	3	2*	355	500
PM30	3,600	558	2		355	350
PM919W	5,432	842	3	2*	560	800
PM919XW	7,147	1108	3	2*	560	800
PM919TW	8,577	1329	3	2*	560	800
PM1219W	11,400	1767	3		560	800
PM1219XW	14,313	2290	3		560	800

*Available with automatic roller adjustment

Aftermarket

After-sales service and support



◀ Service and support

Our excellent aftermarket service and support is what sets us apart from our competitors. Our cooperation with our customers does not end with the sale – or the machine installation. The good customer relationship is extended through important after-sales service and support.

Our services

Our highly skilled and motivated employees stand at the ready to help you with:

- After-sales services, support, and follow-ups
- Spare and wear parts, maintenance, and repairs
- Process optimization
- Training of plant operators

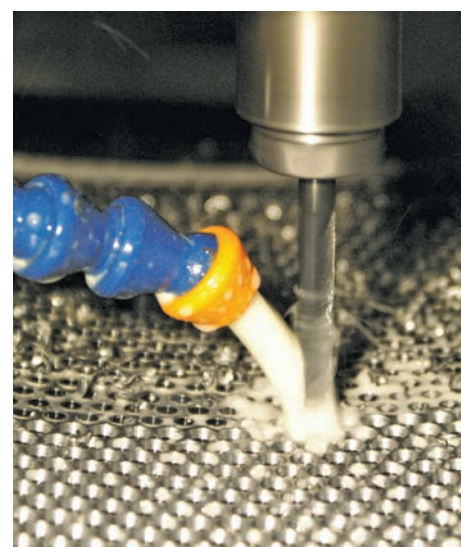
Field services

We offer our customers excellent field services, where our service technicians come to you and your plant to provide assistance. The depth of experience of our field service specialists is unmatched – backed by the full knowledge and technical support that only the equipment manufacturer can provide.

Benefits

There are several benefits to be gained from continuous upgrades, optimizations, and services on your equipment:

- Maximum production
- Process knowledge and experience
- Reliability and cost efficiency
- Reduced life cycle costs
- Short and effective shutdowns
- Improved energy efficiency



Where to find us

Global supplier – local presence

ANDRITZ is truly a global organization – but also with local presence. We are represented all over the world. The global market for feed technologies is served from five main locations:

- Esbjerg, Denmark
- Sanshui, Guangdong Province, China
- Geldrop, Netherlands
- Muncy, PA, USA
- Humenné, Slovakia

In addition, we operate from several strategic regional sales, engineering, and service locations in China, Vietnam, India, Australia, Mexico, Venezuela, Brazil, Chile, France, the UK, and Germany – and are also represented locally by agents and distributors in many other markets.



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