

Gear-driven pellet mill

Type PM615W/PM615XW



A fine-tuned design that offers highly efficient pelleting. The PM615 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.

Robust, easy-to-maintain design
 Single-reduction, precision helical gearing delivers quieter operation, highly efficient power transmission factors, and longer life.
 Effective feed distribution – a unique, one-piece adjustable feed plough design for fast, easy adjustment – ensures uniformity of feed distribution across the die area and

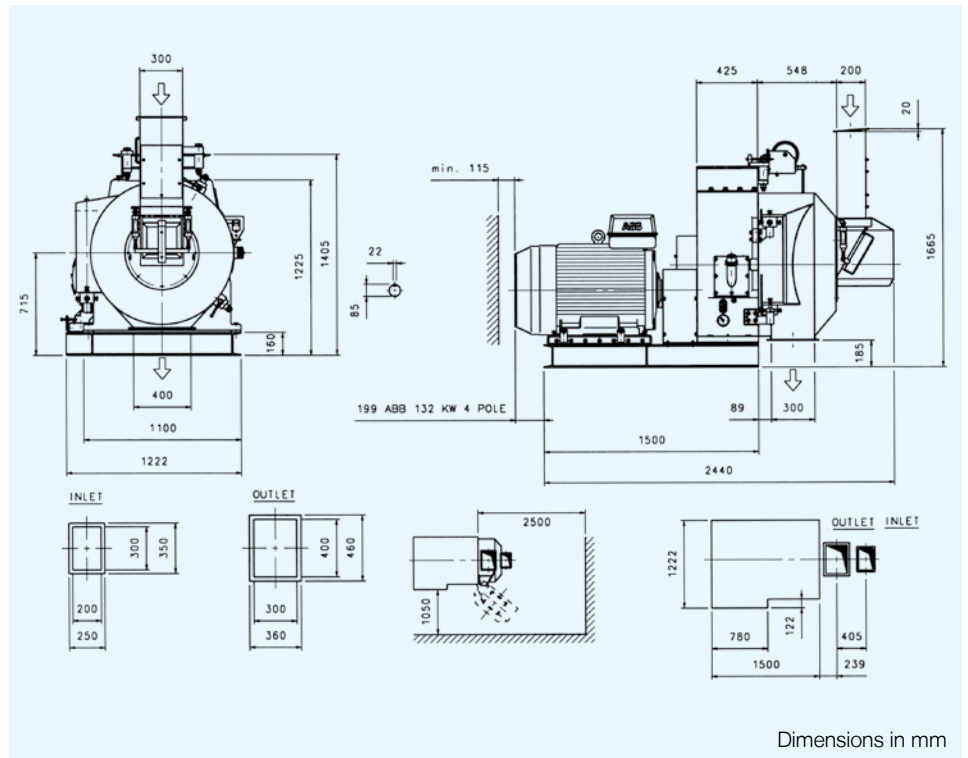
ahead of each roll. The taper die fit with self-piloting effect makes changing dies smooth and easy.

- The PM615 is equipped with a double and insulated pellet door, ensuring that no condensate forms and providing a very high hygiene standard.
- Replaceable wear rings in the housing reduce maintenance costs.

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- Compact profile, small footprint, modular design – makes the mill easy to fit into your facility
- The die-area-to-kW combinations provide increased efficiency and throughput, while maintaining pellet quality, ensuring that there are fewer blockages, and providing longer die life.
- Shear pin hub array – protects the shaft against foreign objects
- The PM615W can easily be modified to PM615XW providing an increase in die area of approximately 20%.



Technical data				
Main motor		Max.	160 kW	200 HP
				50 Hz
				1480 rpm
Inlet screw/Dump chute	Option			
Die			Type PM615W	Type PM615XW
	Dimensions	Diameter inside	ø600 mm	ø600 mm
		Effective press width	160 mm	190 mm
		Effective press area	0.30 m ²	0.36 m ²
	Velocity	Direct coupling, 4-pole, 50 HZ	1480 rpm	6.6 m/sec.
		Direct coupling, 4-pole, 60 HZ	1780 rpm	7.9 m/sec.
Press rollers	Standard	Number	2	
		Roller diameter outside	280 mm	
Capacity		With steam addition	12-15 tph	
Total weight	Standard type	Incl. main motor	4500 kg max.	

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