

FEED AND BIOFUEL
PELLET MILL
TYPE FEEDMAX G9

A fine-tuned design that offers highly efficient pelleting. The G9 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

Single-reduction, precision helical gearing delivers quieter operation, highly efficient power transmission factors, and longer life. Effective feed distribution – a unique, onepiece adjustable feed plough design for fast, easy adjustment – ensures uniformity of feed dis-

tribution across the die area and ahead of each roll. The taper die fit with self-piloting effect makes changing dies smooth and easy. Replaceable wear rings in the housing reduce maintenance costs. The G9 is equipped with a double walled and insulated pellet door, ensuring that no condensate forms

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ENGINEERED SUCCESS

and providing a very high hygiene standard.

Designed for longer life – all feed contact parts are made from stainless steel, including the roller main shaft and die housing.

- Shear pin hub array – protects the shaft against damage from foreign objects.
- Compact profile, small footprint, modular design – makes the mill easy to fit into your facility.
- The FeedMax G9 is equipped with a universal hinged pellet door (left/right) for maximum flexibility during installation.
- The FeedMax G9 comes with a 2-roll configuration and can also be configured with automatic roll adjustment
- The FeedMax G9 can be equipped with a pneumatic die crane, offering seamless movement.

TECHNICAL DATA

FeedMax G9-30/G9-35

Die inside diameter	Ø 910 mm
Effective die width	300 / 350 mm
Effective press area	0.85 / 0.99 m ²
Total weight (Incl. 450 kW motor)	~12,200 / ~12,400 kg

Basic machine includes

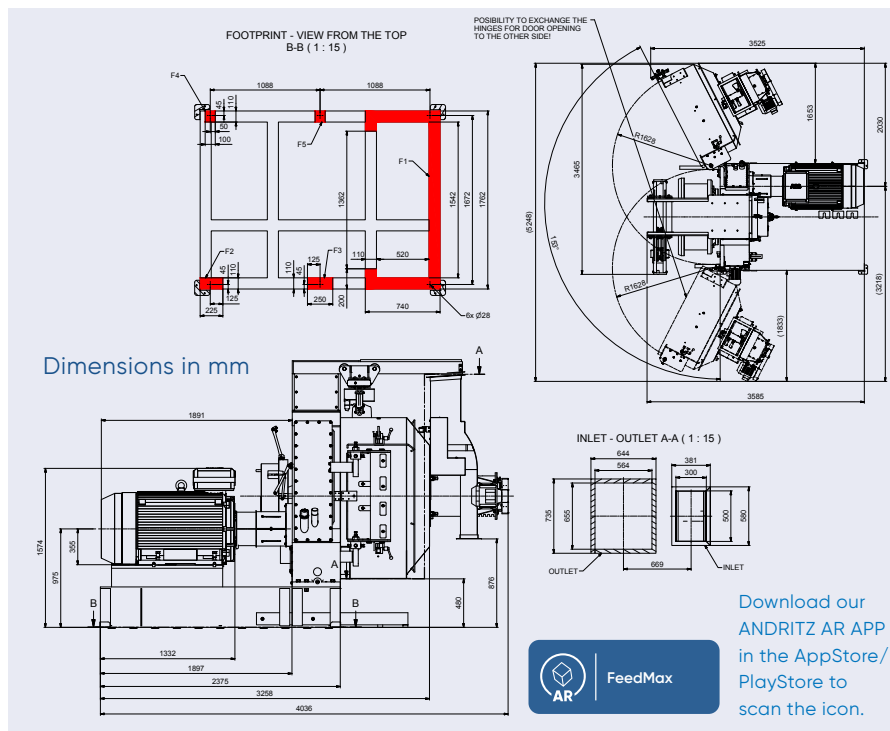
CE - approval
 Gear box with ratio 9:8
 Base frame height 400 mm (prepared for motor size H=355)
 Pellet chamber with bolt on universal hinge and universal door lock assembly
 Prepared for automatic lubrication
 2 cutting knives

ANDRITZ Feed and Biofuel A/S

andritz-fb.dk@andritz.com
 p: +45 72 160 300 / andritz.com/ft



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Configuration possibilities

Detail	Options	Technical description
Roll adjustment	2 roll manual	Roll dia. Ø420 mm
	2 roll automatic	Roll dia. Ø420 mm
Roll slip detection	2 roll automatic adjustment	Electrical system to detect slippage between die and roll shell
Inlet	Dump chute	Pneumatic activated bypass flap with permanent magnet
	Screw feeder	2.2 kW el-motor drive. Pneumatic actuated bypass flap
Die crane	For maintenance	Pneumatically operated
Tool kit	For maintenance	Containing torque wrench, allen key, lifting tools etc.
Oil cooling - gearbox	Oil cooler unit	Cooling medium: Air
Electrical equipment	24 VDC	Control voltage

Configuration possibilities

Motor size	Frequency	RPM	Gearbox ratio	Die speed
250- 560 kW (IE3 & H=355)	50 Hz	~1490 o/min	9.8	7.2 m/s
	60 Hz	~1785 o/min	9.8	8.7 m/s

