FEED AND BIOFUEL

GEAR-DRIVEN PELLET MILL

TYPE FEEDMAX G12-30 AND G12-40

A fine-tuned design that offers highly efficient pelleting. The G12 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 distribution across the die area and ahead of each roll. The taper die fit with self-piloting effect makes changing dies smooth and easy.

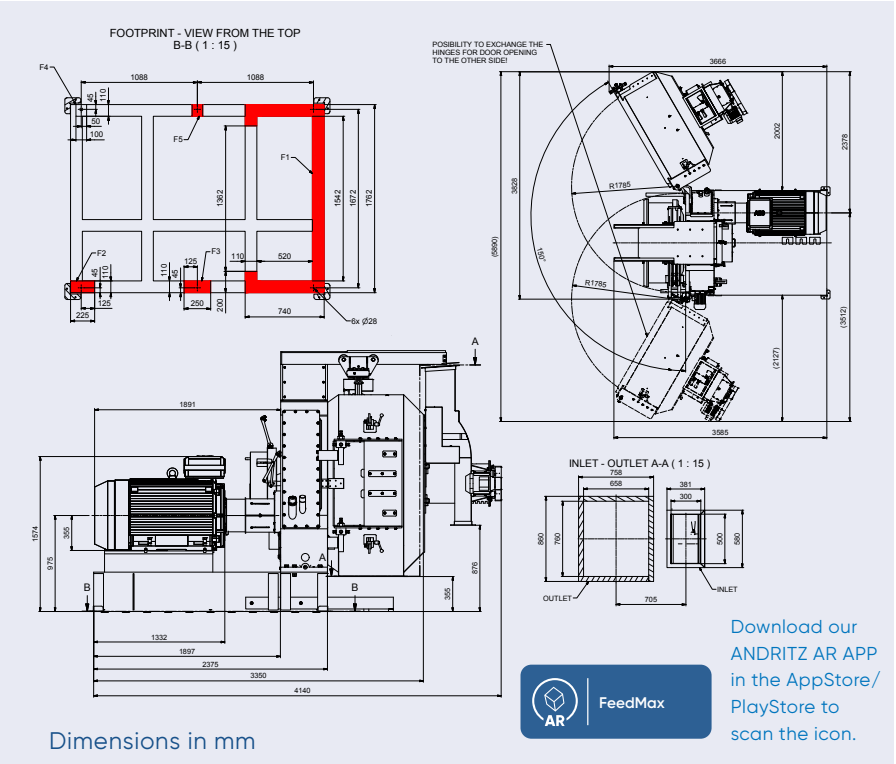
Replaceable wear rings in the housing reduce maintenance costs. The G12 is equipped with a double walled and insulated pellet door,

ANDRITZ

ENGINEERED SUCCESS

ensuring that no condensate forms 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, modu- lar design – makes the mill easy to fit into your facility.
- The FeedMax G12 is equipped with a universal hinged pellet door (left/right) for maximum flexibility during installation.
- The FeedMax G12 comes with a 3-roll configuration and can also be confi- gured with automatic roll adjustment
- The FeedMax G12 can be equipped with a pnuematic die crane, offering seamless movement.



Dimensions in mm

Download our ANDRITZ AR APP in the AppStore/ PlayStore to scan the icon.

TECHNICAL DATA

FeedMax G12-30/G12-40

Die inside diameter	Ø 1144 mm
Effective die width	324 / 398 mm
Effective press area	1.16 / 1.43 m²
Total weight (Incl. 450 kW motor)	~14,100 / ~14,400 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
3 cutting knives

Configuration possiblities

Detail	Options	Technical description
Roll adjustment	3 roll manual	Roll dia. Ø454 mm
	3 roll automatic	Roll dia. Ø454 mm
Roll slip detection	3 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, allan key, lifting tools etc.
Oil cooling - gearbox	Oil cooler unit	Cooling medium: Air
Electrical equipment	24 VDC	Control voltage

Configuration possiblities

Motor size	Frequency	RPM	Gearbox ratio	Die speed
250- 560 kW (IE3 & H=355)	50 Hz	~1490 o/min	9.8	9.1 m/s
	60 Hz	~1785 o/min	9.8	10.9 m/s

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