

**FEED AND BIOFUEL
PELLET MILL
TYPE FEEDMAX G7**

A fine-tuned design that offers highly efficient pelleting. The G7 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 G7 is equipped with a double walled and insulated pellet door, ensuring that no condensate forms

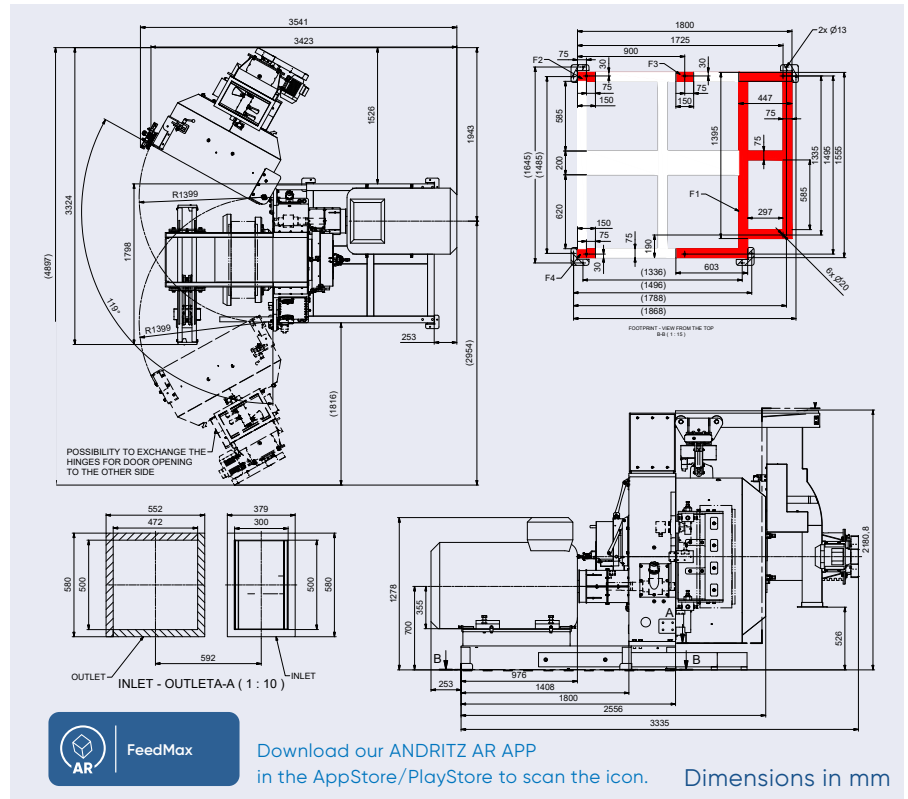
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ENGINEERED SUCCESS

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 G7 is equipped with a universal hinged pellet door (left/right) for maximum flexibility during installation.
- The FeedMax G7 comes with a 2-roll configuration and can also be configured with automatic roll adjustment
- The FeedMax G7 can be equipped with a pneumatic die crane, offering seamless movement.



TECHNICAL DATA

FeedMax G7

| | |
|-----------------------------------|--------------------------|
| Die inside diameter | Ø700 mm |
| Effective die width | 250/300 mm |
| Effective press area | 0.55/0.66 m ² |
| Total weight (Incl. 250 kW motor) | ~7300 kg |

Basic machine includes

CE - approval
 Gear box with ratio 9.53
 Base frame height 200 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

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Configuration possibilities

| Detail | Options | Technical description |
|-----------------------|------------------|---|
| Roll adjustment | 2 roll manual | Roll dia. Ø326 mm |
| | 2 roll automatic | Roll dia. Ø320 mm |
| 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 |
|---------------------------|-----------|-------------|---------------|-----------|
| 200- 355 kW (IE3 & H=355) | 50 Hz | ~1490 o/min | 9.53 | 5.7 m/s |
| | 60 Hz | ~1785 o/min | 9.53 | 6.9 m/s |

