

Extruder

Type EX1250



To meet the ever increasing demand from fish feed and pet food producers for high-capacity, versatile extrusion production lines, ANDRITZ has developed a generation of high-capacity extruders. The features of the EX1250 are as follows:

- High capacity 10-20 tph
- High degree of processing flexibility
- User-friendly design for operation and maintenance
- Minimum downtime
- Integrated operating systems resulting in reduced installation time and costs
- Low maintenance/wear part costs
- Enclosed design with hygiene, ease of cleaning, and access to operating systems in mind
- Wide variety of options and accessories available to meet specific requirements

Extruder

Type EX1250

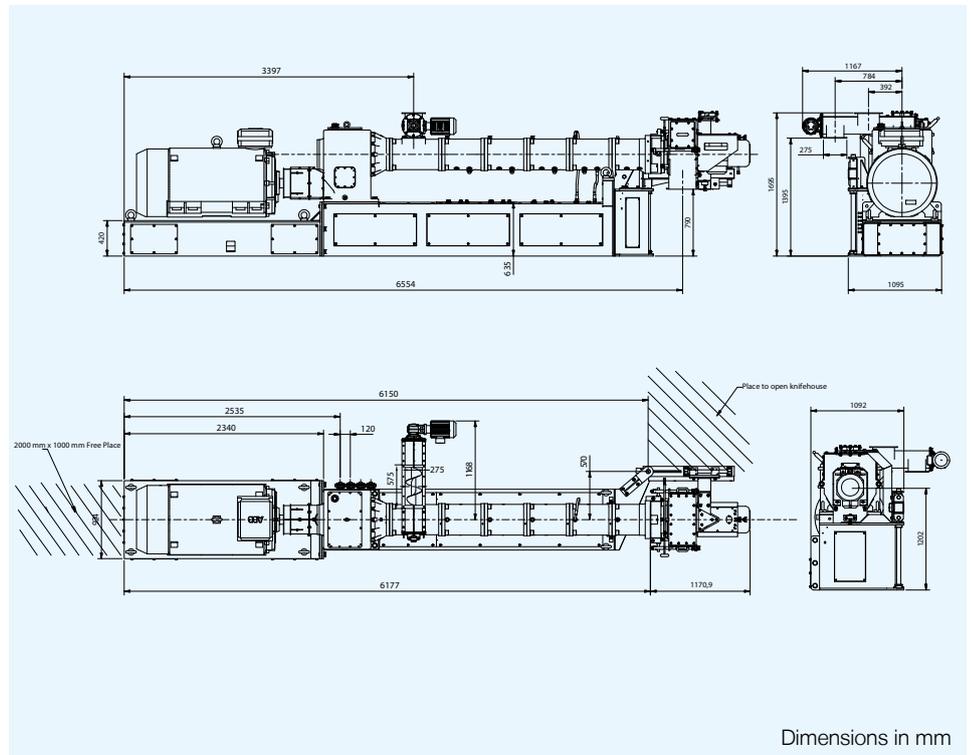
Focus on energy addition

Accurate control of all processing parameters on ANDRITZ extruders ensures that specific energy transfer to the product is also controlled accurately. It is the controlled supply of energy that allows us to optimize gelatinization of the starch fraction in order to control digestibility and reduce the loss of heat-sensitive ingredients, pigments, vitamins, and so on, resulting in consistent high-quality products and low-cost production.

The EX1250 extruder with its screw geometry specially designed for a large screw diameter 250 mm and L/D ratio secures high capacity, controlled energy input, stable operation, and consistency in product quality.

Options

- Single or dual conditioning for optimal starch cook. Up to 400 seconds of long-term conditioning.
- The FLEXTEx system controls the starch cook in the extrusion process, increases bulk density, and reduces formulation costs.
- The Expansion Control System (ECS) controls the density of the extrudates externally. The process is fully automated by the extruder management system (ECMS).
- The Force feeder avoids blockage in the downspout from the conditioner and ensures an even flow rate to the extruder.



Dimensions in mm

Technical data

EX1250

Motor power	450-710 kW
Screw diameter	250 mm
L/D	12,4
Barrel length	3,070 mm
Weight, motor excluded	11,000 kg
Capacity	10-20 tph

ANDRITZ Feed & Biofuel A/S

Glentevej 5-7
6705 Esbjerg, Denmark
Phone: +45 72 160 300
andritz-fb.dk@andritz.com
www.andritz.com/ft