

Extruder

Type EX0621



The ANDRITZ single-screw extruder, type EX0621, represents state-of-the-art technology, ensuring unique quality feed at minimum operating costs.

The optimized extrusion concept for unmatched performance consists of controlled feeding of dry ingredients, optimum conditioning with steam and liquid addition,

even flow rate to extruder, and high extrusion flexibility and controllability.

Standard features for EX0621 extruders

- High capacity of 2-9 TPH
- Low-maintenance and high-performance V-belt transmission
- Main screw drive, AC constant or AC/DC variable speed
- Extruder screw with six barrel/screw segments, of which five are heating/cooling sections
- Tapped screw and barrel design, no bolts/ flanges between barrel heads and no screw shaft splines

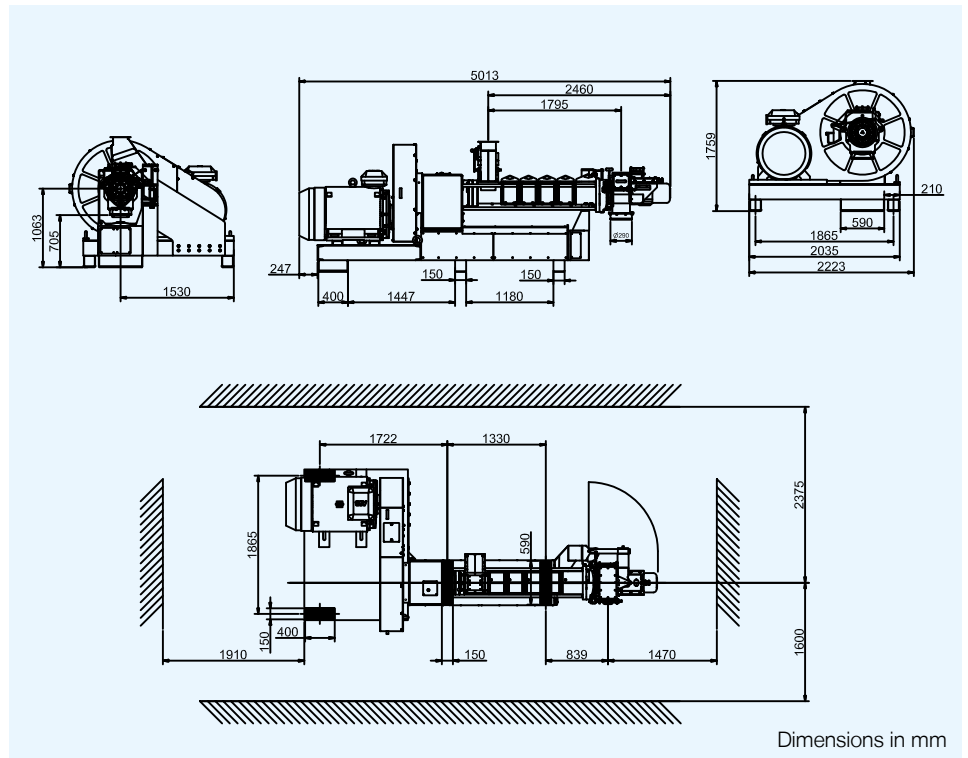
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- Re-configuration and maintenance with minimum downtime
- All heads with multiple connectors for liquid and steam injection or temperature and pressure measurement
- Hinged die plate assembly for easy die change
- Unique knife arrangement, using throw-away Stanley™ knife blades
- Extruder inlet with bypass to avoid blockage between conditioner and extruder inlet
- Low-cost maintenance and wear parts.
- Modular design with built-in flexibility

Options and accessories available to meet specific requirements

- Single or dual conditioners for optimum retention time and high mixing efficiency
- Flextex on-line control of starch cook and expansion
- ECS expansion control system for on-line control of product density
- Extrusion control system ECMS/ECOS/ECPS
- Local control station
- Liquid dosing with frequency converter-controlled precision pumps



Technical data

Main motor	Constant speed - AC	160 - 315 kW (215 - 422 HP) 50/60 Hz
	Variable speed - AC	
Cutter	Freq. contr. motor	5.5 kW (7 HP) 1500/1800 rpm
Extruder screw	Type EX0621	
	Barrel length	1600 mm
	Diameter	210 mm
	Number of heads	6 pcs.
Total weight	8200 kg	
Capacity	Dep. on product formulation	2–9 tph

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