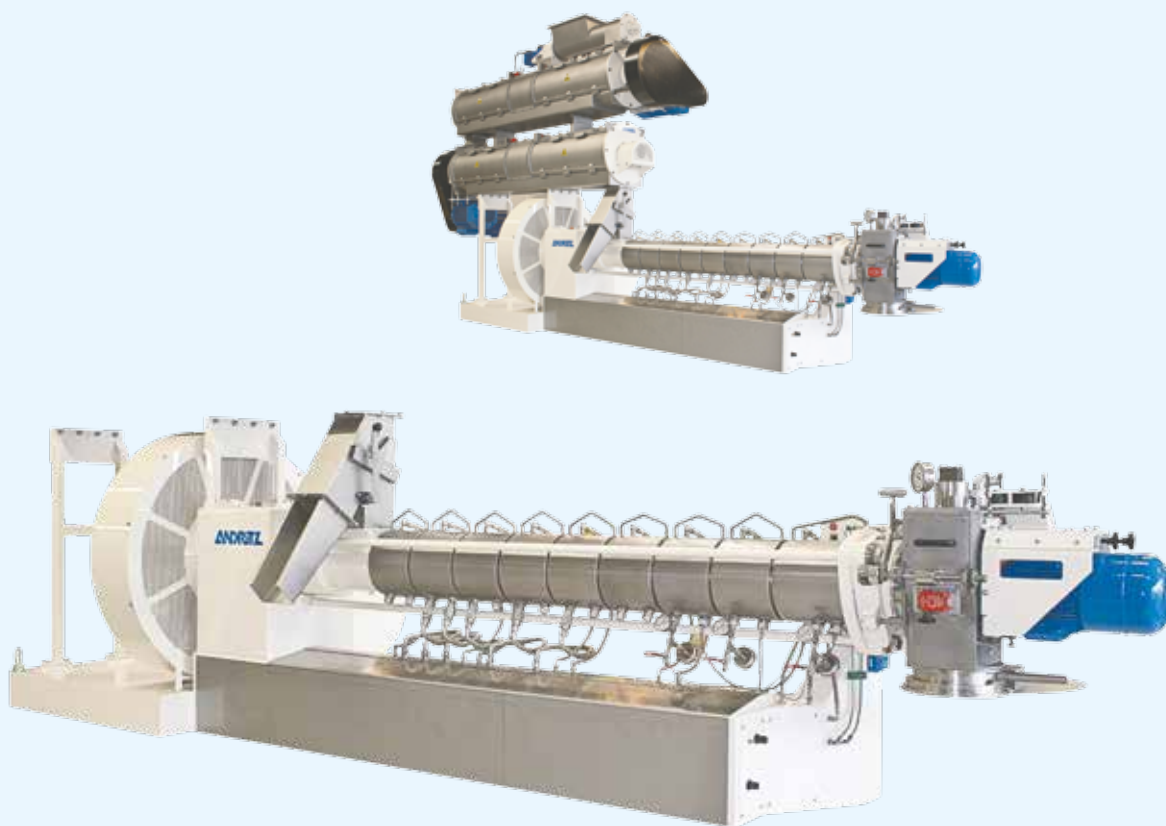


Extruder

Type EX1021



The single screw extruder type EX1021 is state-of-the-art technology, ensuring unique feed product quality 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, an even flow rate

to the extruder, and high extrusion flexibility and controllability.

Standard features for EX1021 extruders:

- High capacity 3–12 tph
- Low-maintenance, high-performance V-belt transmission
- Main screw drive AC constant, AC or

DC variable speed

- Extruder screw with 10 barrel/screw segments
- Individually controlled cooling/heating of barrel sections
- Tapped screw and barrel design, no bolts/flanges between barrel heads and no splines for screw shafts

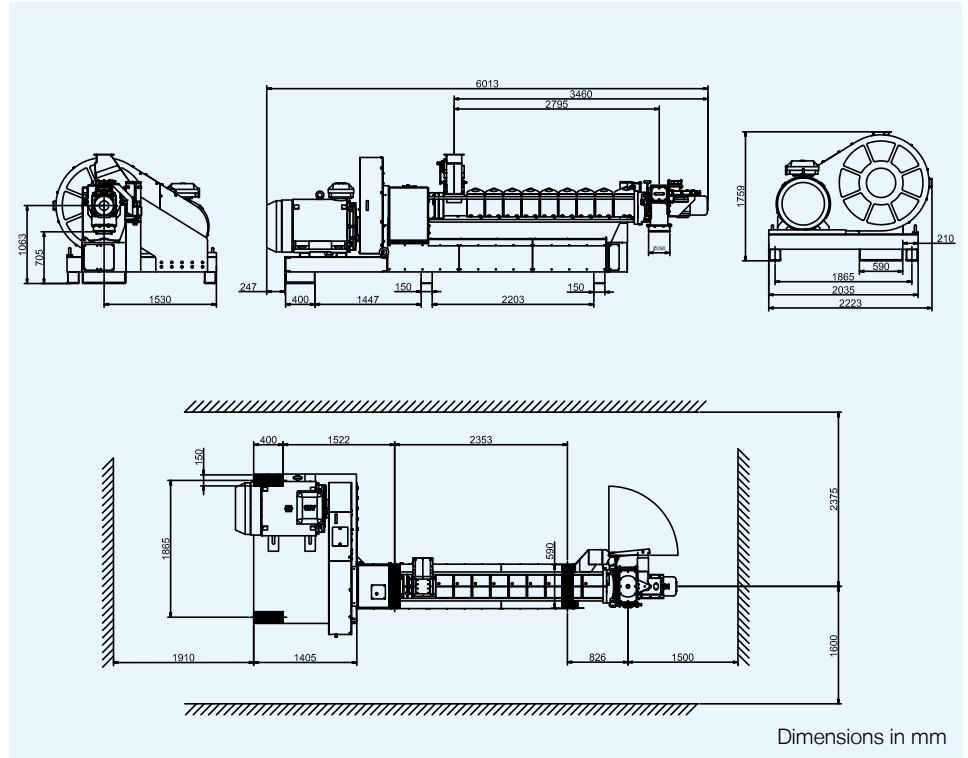
Extruder

Type EX1021

- Re-configuration and maintenance with minimum down time
- Heads with multiple connectors for liquid and steam injections or temperature and pressure measurement
- Hinged die plate assembly for quick die change
- Unique knife arrangement uses throw-away Stanley™ knife blades
- Liquid metering by means of frequency-controlled positive displacement pumps
- Downspout with by-pass to avoid blockage between conditioner and extruder inlet
- Low maintenance/wear part costs

Options and accessories available to meet specific requirements:

- Forced feeder, which ensures consistency of flow rate and avoids blockage between conditioner and extruder
- Single or dual conditioners for optimum retention time and high mixing efficiency
- Flextex on-line control of starch cook and expansion
- ECS on-line control of product density
- Extruder control system ECMS/ECOS



Technical data

Main motor	Constant speed - AC	200-315 kW	50/60 Hz
	Variable speed - AC or DC	200-315 kW	50/60 Hz
Cutter	Freq. contr. motor	5.5 kW (7 HP)	1500/1800 rpm
Extruder screw		Type EX1021	
Barrel length		2670 mm	
Diameter		210 mm	
Number of heads		10 pcs.	
Total weight		9000 kg	
Capacity	Dep. on product formulation	3 - 12 tph	

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