



## FORMING EXTRUDER

MODEL	SCREW DIAMETER mm	CAPACITY (kg/h)		TYPICAL INSTALLED POWER kW
		In combination with cooking extruder	Standalone	
F55	55	20	40	4
F70	70	45	80	9.2
F90	90	90	140	15
F115	115	180	250	22
F130	130	280	400	30
F150	150	450	600	55
F175	175	650	800	75
F200	200	1000	1200	90
F218	218	1400	1600	110
F240	240	1900	2100	132

### Technical characteristics

- Structure in welded heavy-duty steel sheet-plate and profiles, epoxy painted.
- Mixing tank in stainless steel AISI 304, ensuring proper kneading time or cooling time for the cooked dough.
- Stainless steel shaft and paddles (made with special profiles and end scrapers).
- Plexiglass and/or stainless steel closing cover with plexiglass inspection holes.
- Humidity exhaust system (if coupled with a cooking-extruder).
- Volumetric dosing system and optional vacuum mixing system (not when in combination with cooking-extruder).

- Stainless steel compression screw, hardened, with a typical 12 L/D ratio, ideal for cooked doughs.
- Oil-bath lubricated thrust bearing group, coupled to the driving group of the extruding screw composed of motor and parallel axis reduction gear.
- Motor-driven trolley for the extraction of the screw from the cylinder, safety limit-switch and screw-lifting support.
- Steel cylinder, longitudinally grooved, complete with stainless steel jacket for the circulation of thermostatically controlled cooling water to maintain the barrel at a pre-set temperature.

- Head and cutting group fixed to the extruder by mean of a heavy-duty hinge-type system. The head is fitted with a special mechanism for the quick extraction of the die from its housing. It is further equipped with an independent heating circuit and a pressure-control manometer with an alarm system for the automatic stop of the machine in case of accidental overpressure.

- Additional safety device based on calibrated bolts to fix the head to the extruder and also on the product flow barrel plug. Head ventilation group, complete with ventilator, air diffusion cover and die-protection.