

THE DACAPO COMPANY

20 BLENHIEM CLOSE,
PYSONS ROAD INDUSTRIAL ESTATE,
BROADSTAIRS
KENT, CT10 2YF

Troester QSM 120/k 12D Pin extruder [120mm]

Specifications:

Extruder

-**Screw:** Nitride steel, surface hardened by nitriding. Hollow-bored for water flow. 1.5D mixing zone.

-**Barrel:** 2 pin barrel sections with water flow in each. Exchangeable barrel liner of nitride steel. Barrel end flange with manual clamp device and adapter flange for attachment of the roller die.

-**Hopper:** Double-walled design for cooling water flow. Exchangeable liner of nitride steel. The Feed hopper is top mounted for operator safety.

-**Feed roller:** Made of nitride steel with rotary joint for water cooling, adjustable scraper knife. Driven by splined coupling ring, pinion with shear pins as overload protection... Hinged design, manually swing open.

-**Compound** pressure measuring device in head.

-**Compound** temperature measuring device in head.

Extruder motor

-**Extruder motor:** Probably ABB: 110 kW ca 215A 400 VAC 50 Hz. (if 90 kW is enough, the need is approx 175 A) *Note:* compound characteristics during testing, will determine motor size.

-**Extruder motor drive:** Telemecanique ATV71

TCU

-**Temperature control units**, [4or5 depending upon requirements], will be portable and compact to save space and to facilitate quick and efficient servicing.

Footprint: L=2660, W=1500, H=2100 [extruder only]

Footprint: W=1200, L=600 [Electrical cabinet for extruder]

Footprint: Temperature controllers....TBA

Footprint: Chiller.....TBA

Footprint: Building Station...see separate leaflet for sizes.



Specifications and footprints may change due to customer requirements and/or component updates.

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