

# TC.GP

Grinding, homogenization and pumping of solid / liquid masses



## PRESENTATION

Range of centrifugal electric pumps in stainless steel, ideal for shredding and ensiling processes of meat processing residues or for open sea fish harvest. High modularity in the components of the cutting unit, for a tailor made application designed structure which guarantees excellent results in terms of products finishing grains. Easy to disassemble, speeds up internal inspection procedures. Equipped with protection systems aimed at guaranteeing the safety of the processes and the maintenance operations.

## APPLICATIONS



Sea harvest

Meat processing

## TECNICAL DATA

Connections	Flange (regulations on request)	Flow	Up to 100 m <sup>3</sup> /h
Impeller	Open, with several cutting stages	Head	Up to 20 m.c.a.
Pump housing materials	AISI 316L (1.4404), AISI 304L (1.4304), for estruded or laminated components; CF8 and CF8M for micro-casted components, in diferents configurations depending on duty	Maximum pressure on the inlet pipeline	Up to 15 Bar on standard versions
Mechanical seal and gaskets	Internal single execution, materials of the faces and the elastomers depending on the transferred fluids	Temperature	Between -20°C e +180°C Other outer range temperatures on request
Frame	Depending on duty: Monobloc with B5 flange, even with sealed or lubricated bearing Independent frame with free end shaft and lubricated bearings	Viscosity	Up to 300 cP
Motor	3ph, according to IEC with 2 or 4 poles, insulation class depending on the transferred fluid temperature. On request even with ATEX execution or according to specific regulations (UL-CSA, NEMA)	Suspended solids	For suspended solids on processing fluid. The usage limits with suspended solids are indicated on the pump technical data sheet

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