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BELT HAUL OFF MODEL CAPSTAN TC

The family of our belt capstan TC is composed from these models:

- TC350 for pulleys with max diameter 350mm
- TC500 for pulleys with max diameter 500mm
- TC800 for pulleys with max diameter 800mm

Our belt capstan machines family are all composed of a main chassis made from standardized electro soldered steel which support a belt driven haul-off unit piloted by a motor.

Two specially plated pulleys guide the cable at the inlet and outlet.

Due to their construction all our belt capstans can be installed in right to left or left to right configuration.

The contact belt which insures that the cable drive through the driven drum is supported by three pulleys.

One of them is coupled to a pneumatic cylinder which controls its tension.

The operator can regulate the pressure from the capstan panel through a manometer.

The special rubber composing the contact belts has been chosen in order to last for years without any special maintenance.

All the rotating parts are secured by two electrical interlock doors protecting the operator from any injuries.

Speed measure is given by an inductive captor and can be integrated in any kind of known PLC.

TECHNICAL DESCRIPTION	TC350	TC500	TC800
Max. linear speed (m./min)	1500	1500	1000
Max. cable diameter (mm)	8	12	20
Maximum cable section (mm ²)	16	16	25
Solid (mm ²)	4	6	6
Stranded (mm ²)	10	16	25
Bunch (mm ²)	6	25	50
Pulling capstan diameter (mm)	350	500	800
Pulling belt width (mm)	50	75	80
Machine dimensions			
Length (mm)	950	1150	1500
Width (mm)	650	750	800
Height (mm)	1200	1400	1500

