

# BELT WRAP CAPSTAN

**TL-600 // TL-800 // TL-875**





# BELT WRAP CAPSTAN: TL-600, TL-800, TL-875

## Equipment purpose

Belt wrap capstan is used in the cable production lines for the purpose of ensuring necessary movement speed of cable or conductor

Speed accuracy is achieved by the AC motor controlled by the frequency converter. Power unit consists of one AC motor with speed control that is directly connected to the angular reducer. The motor is equipped with an electromagnetic brake.



## **Technical specifications**

### **TL-600 BELT WRAP CAPSTAN**

Maximum pulling force – 600 kg

Maximum pulling speed – 150 m/min

Maximum diameter of pulling wire – 35 mm

Clamping length – 1450 mm

Number of clamping roller with pneumatic cylinders – 2x3 pcs

Number of pneumatic cylinders of belt tension – 1 pc

Rubber-woven tape – 4700x120x18 mm

Motor power – 7,5 kW

Working height – 1000 mm

Overall dimensions, length x width x height = 1900 x 1600 x 900 mm

Weight – 1600 kg

### **TL-800 BELT WRAP CAPSTAN**

Maximum pulling force – 800 kg

Maximum pulling speed – 100 m/min

Maximum diameter of pulling wire – 100 mm

Clamping length – 1450 mm

Number of clamping roller with pneumatic cylinders – 2x5 pcs

Number of pneumatic cylinders of belt tension – 1 pc

Rubber-woven tape – 4700x120x18 mm

Motor power – 7,5 kW

Working height – 1000 mm

Overall dimensions, length x width x height = 2500 x 1600 x 1050 mm

Weight – 2000 kg

### **TL-875 BELT WRAP CAPSTAN**

Maximum pulling force – 875 kg

Maximum pulling speed – 50 m/min

Maximum diameter of pulling wire – 100 mm

Clamping length – 1450 mm

Number of clamping roller with pneumatic cylinders – 2x5 pcs

Number of pneumatic cylinders of belt tension – 1 pc

Rubber-woven tape – 4700x120x18 mm

Motor power – 7,5 kW

Working height – 1000 mm

Overall dimensions, length x width x height = 2500 x 1600 x 1030 mm

Weight – 2000 kg

**Production time - 4 months**