

Compact winding machine with high operating comfort



Fig. 1 MOTROL 500



Fig. 2 Coiler head 480SL

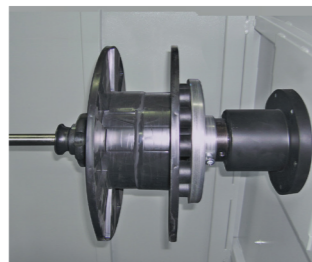


Fig. 3 Spool winding axle

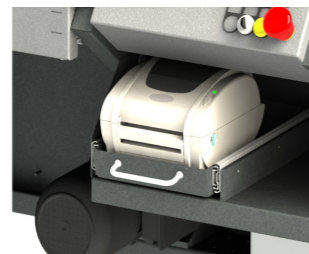


Fig. 4 Label printer



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Fig. 5 Label sample

MOTROL 500

- **Coil and spool winding machine for coiler head/spool Ø max. 500 mm**

Functionality:

This motor-driven coil and spool winder enables to wind winding material like cables, tubes, hoses, steel cables, plastic profiles etc. onto coils or empty spools and to simultaneously carry out length measuring and cutting.

| Technical Data | MOTROL 500 |
|--|--------------------------------------|
| Part No. | 0674.000 |
| Coiler head / spool Ø | max. 500 mm |
| Spool width (depending on type of spool winding axle) | max. 290 mm |
| Spool weight (depending on type of spool winding axle) | max. 100 kg |
| Winding material-Ø (varying on conformity assessment) | 1 - 25 mm |
| Winding drives selectable (depending on requirements) | 140 rpm (075 kW) or 240 rpm (1,5 kW) |
| Electrical connection | 230 V / 50 Hz or 400 V / 50 Hz |
| Traversing width | max. 270 mm |
| Inlet height | approx. 1100 mm |
| Pass-through direction | right to left |
| Length x Width x Height | approx. 1500 x 900 x 1400 mm |
| Length with open protection cover | approx. 2100 mm |
| Colour machine | RAL 7005 mouse grey |
| Weight machine (without packing) | approx. 290 kg |

Basic equipment:

- Basic machine constructed as self-supported, torsionally resistant weldment with two lockable and two fixed steering rollers or four lockable steering rollers
- Drive by means of AC-gear motor via chain
- Speed control is continuously adjustable, allowing a smooth starting
- The winder is designed for winding heads, ring coiler heads or spool winding axles
- Manually operated traversing slide designed for accessories such as length measuring units, cutting units and guide rollers
- The control cabinet is installed in the machine frame
- The control panel with emergency stop button is ergonomically integrated in the base frame
- Protection cover with window to be slid sideways (required for CE)
- CE conformity declaration according to machinery directive 2006/42/EG
- **Roller cages** before and behind the length measuring unit, easily adjustable to match the material
Various models available depending on the requirements
- **Length measuring unit MESSBOI 40 BVE or MESSBOI 40 Band** with preselection counter for winding material with outer diameter up to 25 mm
 - Error limit (with in- and outlet roller cages) +/- 0,5 %
 - Pre-selection counter with disconnecting contact of the drive

Recommended equipment:

- **Automatic traversing** consisting of gear motor with speed controller Traversing can be moved to any position via joystick. This is important for the starting position of the winding drive. The motion reversing points can be stored via reference keys during machine downtime but also during winding operation. In usage of round cable the traversing pitch adapts automatically via diameter detection, but is also adjustable via rotary potentiometer during the winding operation. In case of winding flat material there is no diameter detection function. The traversing pitch has to be adjusted continuously via rotary potentiometer during the winding operation. The traversing speed automatically adapts to the winding speed (synchronization). The complete traversing drive can be disengaged for manual traversing
- **Manual or pneumatic operated cutting system** for cutting the winding material
- **Roller feed** in support of cutting process and in connection with pneumatic cutting device for additional operation mode „cut to length without winding process“
- **Coiler head** for winding of coils
Various models available
- **Spool winding axle** with quick-locking mechanism and frictional driver for winding of spools
Various sizes available
- **Conformity assessment / MID (formerly first calibration)**
 - **Data interface** module for storing of cutting data
 - **Label printer** with interface to the preselection counter
 - **Conformity assessment** of the length measuring unit with additional inlet and outlet roller cages is approved by German Authorities for a period of two years from date of delivery, valid for all EEA Member States. Conformity has to be carried out in the manufacturing firm. Prolongation of this approval after 2 years had expired is not included in the delivery scope.

Further auxiliary equipment on request

Indoor use only. Fig. may differ from the original.
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