Wire Twisting

machine

Basic features

Fully automated wire twisting machine, wire rope maker, with traverse for twisting 2-12 wires with/without the core. Minimal control is needed.

Wire rope maker with traverse is intended for twisting thin non-spring wires:

- 2-12 wires;
- With/without the core;
- Plain laid or cable laid;
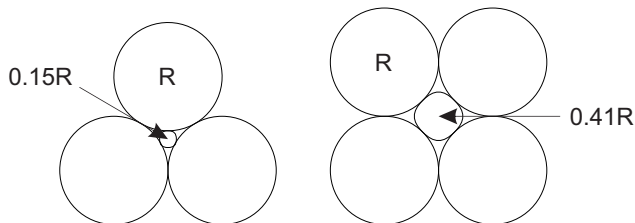- Left or right lay.

*traverse is intended for evenly laying result rope on takeup spool.

**Programmable Smart Control Unit specially designed and based on a micro controller allows operating the twister in an optimum manner in different modes.

***Power supply can be shipped separately, drop shipment. Please state type of plug required (US, EU, UK, AU).

Before you begin

- The design and the color of the machine may differ from that shown in this manual and on our website.
- If necessary, remove the protective film from plastic parts.
- Before attaching traverse lead for the first time power on the machine so traverse motor moves to the center position then put lead in place along central line of the machine.
- Machine is operated by specially designed micro controller based Smart Control Unit which is built.

Operation guidelines

1. Traverse moves to the center position every time you turn the machine on.
2. Uneven operation of the take-up block, head jumping, winding point offset do not make a problem and within certain range do not affect the winding.
3. If you experience the lack of speed at the take-up block, reduce the head rotation speed.
4. You have to use core for 4+ -strand ropes. Please refer to the picture for core diameters.
5. Regardless of the strands number it is NECESSARY to mount ALL spools even empty. This provides good balance of the machine head and prevents its damage.
6. "Mode" LED shows current machine mode:
   - slow flashes - "Idle";
   - blinks - "Starting/Stopping";
   - continuously lights - "Operate";
   - slow blinks - "Setting traverse limits"

Setting traverse limits

1. In "idle" mode press "Emergency" button once to set the lead closest limit using "Takeup" knob.
2. Press "Emergency" button again and use "Drive" knob to adjust lead furthest limit.
3. Pressing "Emergency" button again saves set limits, moves the lead to the central position and returns machine to "idle" mode.