

FTM

Flexible Taping Machine

P/N: 01-02-0001



The FTM - Flexible Taping Machine, is a workbench taping machine for performing spot taping to insulate or bundling splices and/or wires.

The control module is separated from the taping head, which allows for a compact design that results in a more ergonomic use and more free space in the workbench.

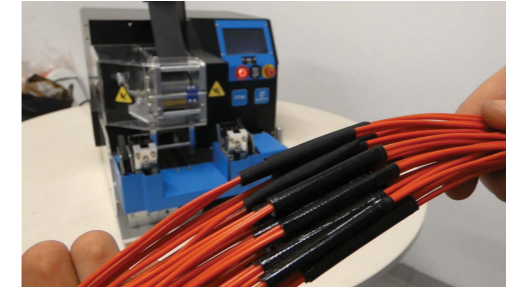
It has a typical processing time of 1.8 seconds.

The FTM is an all-in-one machine, since in the same machine it is possible to process normal and end-splices, without additional setups.

Also, it can be used with a centering system that ensures that the tape is applied always in the middle of the splice.

Applications:


Spot taping for bundling; fixating; insulating; marking, labeling, etc. of normal and end-splices



Technical Features:

- ▶ Diameter detection (smart gripper) supplied as standard;
- ▶ Easy tape replacement;
- ▶ Control module separated from taping head for better space usage;
- ▶ Teflon blade, more robust and clean;
- ▶ Simple and intuitive program configuration (just 3 parameters);
- ▶ Communication with ultrasonic welding machines;
- ▶ Program settings saved in database, without memory limitations;
- ▶ Easy program selection, using barcode readers or manually;
- ▶ Export programs by USB stick or network to other machines;
- ▶ Configuration and maintenance modes password protected;
- ▶ Dedicated maintenance mode for hardware debug;
- ▶ Network communication;
- ▶ Diameter detection (smart gripper) as option;
- ▶ Partial and global cycle counters;
- ▶ Working time counter;
- ▶ Several system's languages, including English, Portuguese, ...
- ▶ Easy upgradable software, that can be done using a USB stick.
- ▶ Saving of KPIs to USB and/or remote location;
- ▶ Automatic and immediate error reporting.


All-in-one machine
normal splices
end-splices
centering option


∅ detection:
to select number of windings


High connectivity:
Possibility to connect to any given
machine protocol


Compact design
more ergonomic and
better space usage

Bundle diameter: 1 to 12 mm
Minimum bundle length: 180 mm
Tape width: 9 to 53 mm
Tapes allowed: Any standard adhesive tape

Technical Data:

Dimensions:

Taping Head:
Length: 454 mm
Width: 375 mm (taping head: 320 mm)
Height: 390 mm
Weight: 35 kg

Control Module:

Length: 304 mm
Width: 325 mm
Height: 172 mm
Weight: 8 kg

Connections:

Electrical: 230 VAC @ 50 Hz - 1 IEC standard male socket
Consumption: 1.5 kW (peak)
Air pressure: 4.5 to 6 Bar - quick-coupler socket - ∅ 8 mm
Interface: Touchscreen, barcode, buzzer and LED

Options:

Electrode for Centering
P/N: 08-01-0001

End-Splice Tool
P/N: 08-01-0002