

FTM

Flexible Taping Machine

P/N: 01-02-0001



StoneShield
ENGINEERING



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

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.

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.



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



∅ detection:
to select the
number of
windings



High connectivity:
touchscreen
ethernet
USB, Wi-Fi



Compact design
more ergonomic and
better space usage



Anti adherence blade:
teflon blade, without
oil circuit



STONESHIELD - ENGINEERING, LDA

HEADQUARTERS:
RUA ANTÓNIO DE SÁ RODRIGUES, LT 79
6000-038 CASTELO BRANCO
PORTUGAL

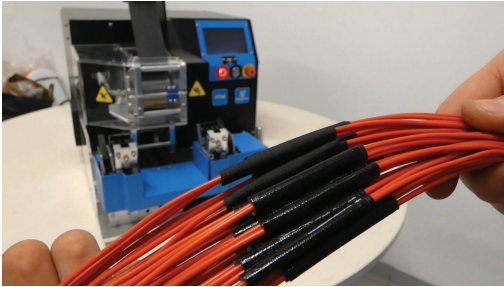
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Applications:

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, by opening a cover;
- ▶ 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;
- ▶ Partial and global cycle counters;
- ▶ Working time counter;
- ▶ Several system's languages, including English, Portuguese, French, or others;
- ▶ 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.

Technical Data:

Bundle diameter:	1 to 12 mm
Minimum bundle length:	180 mm
Tape width:	9 to 53 mm
Interior tape diameter:	1.5" to 3"
Tapes allowed:	Any standard adhesive tape

Dimensions:

Taping Module:

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 - Ø 8 mm
Interface:	Touchscreen, barcode, buzzer and LEDs

Options:

Electrode for Centering

P/N: 08-01-0001

End-Splice Tool

P/N: 08-01-0002



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