

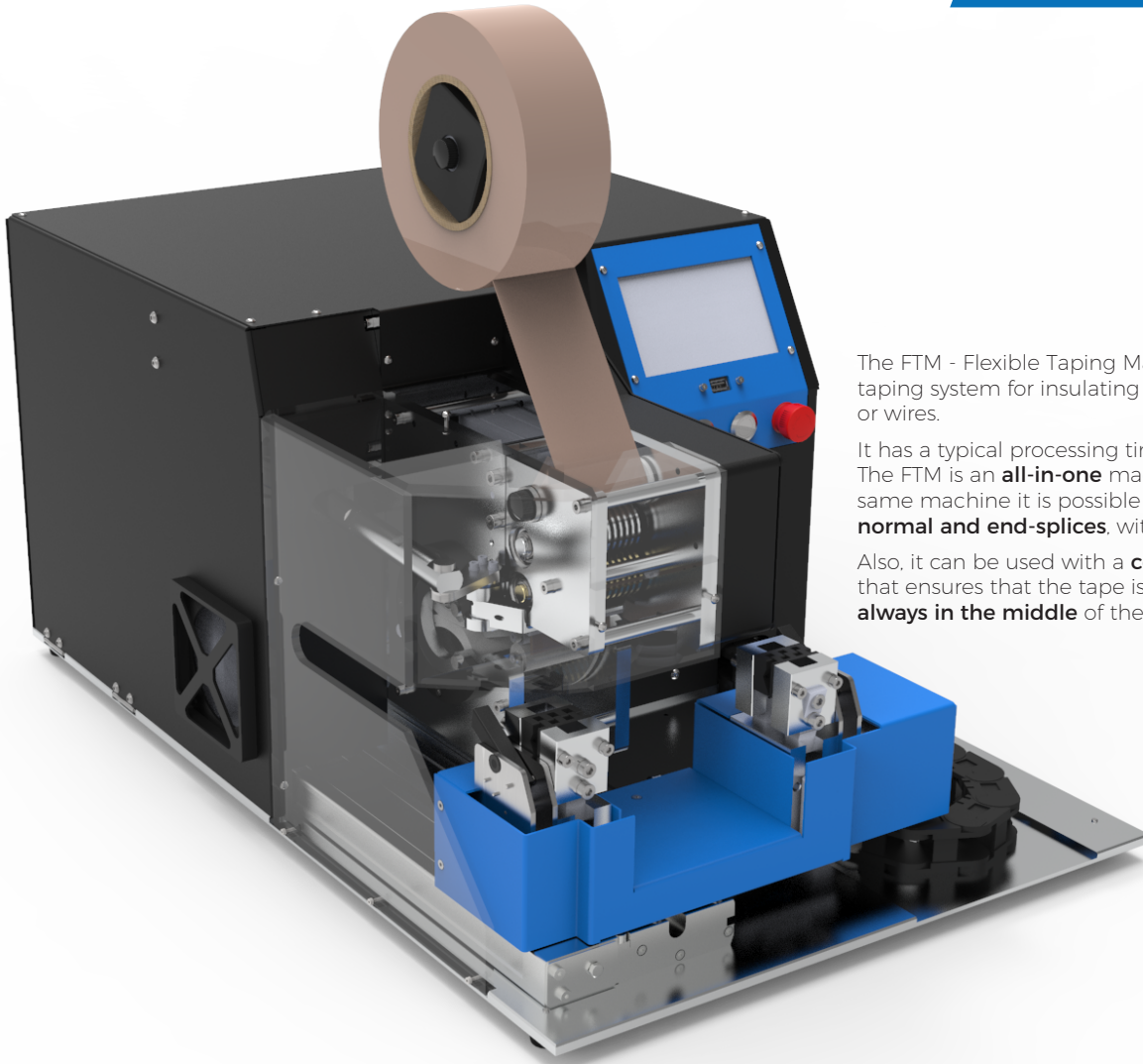
# FTM

## Flexible Taping Machine

P/N: 01-02-0001



**StoneShield**  
ENGINEERING



The FTM - Flexible Taping Machine, is a workbench taping system for insulating or bundling splices 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.



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



∅ detection:  
to select the  
number of  
windings



High connectivity:  
touchscreen  
ethernet  
USB, Wi-Fi



Tool free  
and easy tape  
replacement



Anti adherence blade:  
teflon blade, without  
oil circuit



**STONE**SHIELD - ENGINEERING, LDA

**HEADQUARTERS:**  
RUA ANTÓNIO DE SÁ RODRIGUES, LT 79  
6000-038 CASTELO BRANCO  
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### Applications:

Bundling; fixation; insulation;  
marking, labeling, etc.

### Technical Features:

- ▶ Diameter detection (smart gripper) supplied as standard;
- ▶ Easy tape replacement, by opening a cover;
- ▶ 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.

### Industry 4.0 Features:

- ▶ Ready to communicate with other machines (M2M);
- ▶ Network connectivity and remote configuration;
- ▶ 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:

Length:	690 mm
Width:	370 mm
Height:	420 mm
Weight:	45 kg

#### Connections:

Electrical:	230 VAC @ 50 Hz - 1 IEC standard male socket
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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