

# DLT

## Double Layer Taper

P/N: 01-02-0004



**StoneShield**  
ENGINEERING



The DLT- Double Layer Taper, is a workbench taping machine to produce double layer tapes from 2 single layer tapes.

The use of double layer tapes in the taping process of wire harnesses has many advantages, being the most important the fact that the glue will not stick to the wires, allowing free movement and flexibility of the cables.

The machine allows to produce **double tapes with different configurations**, stored in pre-defined programs. It is possible to define the overlap of tapes, the diameter of tapes and the desired length of the final tape. It also allows to process tapes with different widths and to adjust the speed of reeling.



#### Flexibility:

Pre-defined programs to produce different configurations of double tapes



#### Productivity:

High reel speed  
One double tape produced in less than 30 seconds



#### High connectivity:

Touchscreen, USB, network connection, etc.



#### Controlled process:

Detection of finished single layer tapes  
Definition of number of layers of double tape



#### Cost Effective:

Production of double tapes at a fraction of the cost of commercial double tapes



**STONE**SHIELD - ENGINEERING, LDA

#### HEADQUARTERS:

RUA ANTÓNIO DE SÁ RODRIGUES, LT 79  
6000-038 CASTELO BRANCO  
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#### OPERATIONS CENTER:

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### Applications:

Production of double side tapes from single side tapes.



### Technical Features:

- ▶ Pre-defined programs for different output double layer tapes;
- ▶ Detection of finished single layer tapes;
- ▶ Definition of double layer tape's length;
- ▶ Easy tape replacement, by opening a cover;
- ▶ 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;
- ▶ Partial and global cycle counters;
- ▶ Working time counter;
- ▶ Several system's languages, including English, Portuguese, ....

### Technical Data:

Single tape widths:	25 to 40 mm
Inner core single tape:	38 mm or 76 mm
Single tape length:	Up to 66 meters (Ø 150 mm)
Double tape widths:	35 mm to 50 mm
Inner core double tape:	38 mm
Average linear reel speed:	165 mm/s

#### Dimensions:

Length:	630 mm
Width:	750 mm
Height:	400 mm
Weight:	50 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, USB, buzzer and LED

### Options:

#### Inner Core Mandrel

P/N: 08-08-0001



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