

DATASHEET STCS L



Reference of the product
14-01-0002

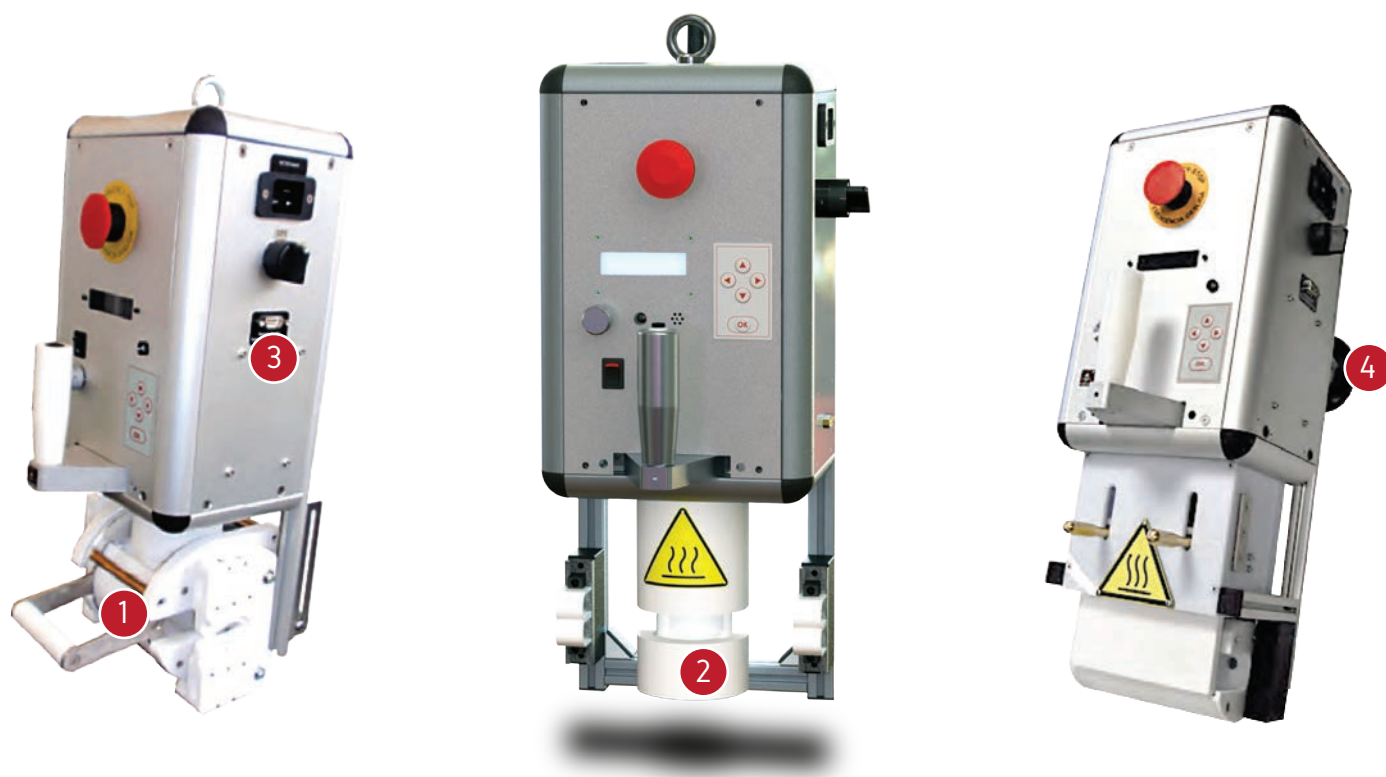
Technology
☼ Hot Air

> Media for this machine

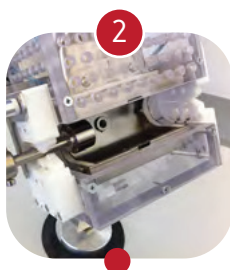
The STCS-L is a machine for processing heat shrink tubes, based on hot air devices. It's designed for line panel applications and can process one part at a time.

All controls and interfaces are integrated in a compact box, which includes the hot air tool and clamps, making it the ideal solution for simple line panel applications that require parameter's control.

It is supplied with a standard shrinking chamber 15 x 50mm, which can be customized.



Can be supplied with custom shrinking chambers, designed for specific applications



Can be supplied with customized clamps with automatic holding system, cooling system or end splice tool



Use of references or sequences, that can be selected manually or using barcode readers



Holding to the panel using a suction vacuum pump, which can be positioned horizontally or vertically

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F]	150-350 / 302-662
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SHRINKING TIME

Min - Max [s]	1-999
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MEASUREMENTS

Width; Length; Height	216; 345; 445 [mm] 8.5; 13.6; 17.5 [in]
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Weight [kg] / [lbs]	7 / 15.4
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POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	50 [mA] to 15 [A] (Max.3400W)

PNEUMATIC

Supply	Quick Hold Socket Ø6mm
Supply Pressure	Min: 4bar; Max: 6bar; Rec: 5bar

CONNECTIONS

Barcode Reader	RS232
Temperature Sensor	Type K Thermocouple
Power Line	2 IEC Socket
Programming	Membrane Keyboard
Interface	LCD 16x2, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	50; Ø15 / 2; Ø0.6
Min-Max Tube Ø [mm] / [in]	0-15 / 0-0.6
Min-Max Tube Length [mm] / [in]	0-50 / 0-2
Min-Max Cable Ø [mm] / [in]	0-15 / 0-0.6
Min-Max Cable Length [mm] / [in]	200-∞ / 7,9-∞

CALIBRATION

Calibration Probe	ref.: 05-22-0011
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Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references;
- Additional mode with references usage (group of shrinking performed in sequence - 100 in total);
- The pre-programming of references can be done manually or using a PC with STCS-RCT software (reads Excel™ files);
- The selection of references can be done automatically using a barcode reader or manually using either the rotating knob or the keyboard;
- Use of labels for each shrinking time inside a reference;
- Programming mode password protected;
- Manual calibration;
- Cycle counter;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

Options



- Custom shrinking chamber
Ref: 26-02-0001



- End splice tool
Ref: 27-02-0002