



## DERAY®-FST 950-D

### DESCRIPTION

The DERAY®-FST 950-D is a semiautomatic shrink tunnel with infrared heating elements. The shrink device is designed to process heat shrink products to seal and insulate ultrasonically welded and crimped splices.

The maximum sum of nominal cable cross section per inserted splice is max. 10 mm<sup>2</sup>.

### FEATURES AND BENEFITS

- IR ceramic heating elements rated for 10,000 hrs
- Safe and easy use
- Large opening accommodates up to 10mm<sup>2</sup> cable cross sections
- Double drive through upper and lower transport conveyor belts
- Cooling system with three fans
- Speed: 30-210 cm / min
- Temperature monitoring
- Adjustable parameters: Shrink temperature, speed
- CE and RoHS conformity



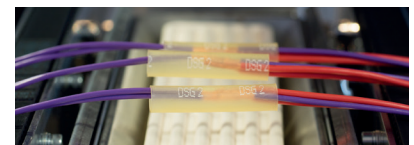
Up to **10 mm<sup>2</sup>**  
CABLE CROSS SECTION

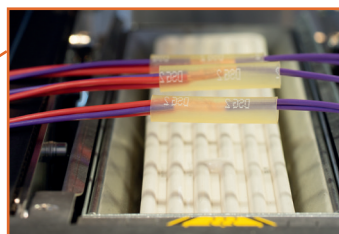
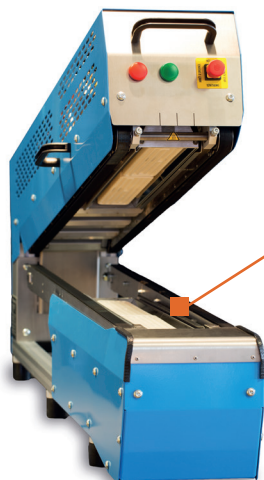
**300 mm**  
INTEGRATED COOLING ZONE

### APPLICATIONS:

Parallel splices

### APPLICATION SAMPLE:





Infrared ceramic heating elements for temperature up to 550 °C



Easy handling and use

**OPERATION**

The DERAY®-FST 950-D is equipped with two IR ceramic heating elements. The objects to be shrunk are transported by two parallel running transport belts. The upper and lower conveyor belts are driven separately via motor gear units. Once the shrinking is complete, three object cooling fans cool the finished items. The cooling system helps to ensure that the finished items can be quickly released for further processing.

**ORDER INFORMATION**

DERAY®-FST 950-D

**PRODUCTS / SIZES**

- DERAY®-SpliceMelt: Sizes 1 to 4, length max. 75 mm
- Single wall shrink tube: length max. 90 mm, max. diameter 20 mm

For other products and sizes contact DSG-Canusa Application Engineering.

**SCOPE OF DELIVERY**

- Shrinking machine
- Control unit
- Operating manual (ENG, FR, DE)

**ACCESSORIES**

- Calibration sensor
- Side conveyor belt

**TECHNICAL DATA**

PROPERTY	
Electrical connection	1/N/PE AC 230 V 50-60 Hz
Electrical power consumption	3.5 kW
Rated current	16 A
Electrical fuse protection	16 A
Degree of protection	IP 20
Power of IR-heating unit	4 x 800 W
Shrinking zone	500 mm (19.7 in)
Cooling zone	300 mm (11.8 in)
Shrink temperature at the IR heater	300 °C - 550 °C (572 °F - 1022 °F)
Ambient temperature	10 °C - 40 °C (50 °F - 104 °F)
Sound pressure level	app. 50 dB(A)

Dimensions and weight	
Shrinking machine	w 320 x h 490 x d 1300 mm (w 12.6 x h 19.3 x d 51.2 in) 84 kg (185.2 lbs)
Control unit	w 310 x h 420 x d 220 mm (w 12.2 x h 16.5 x 8.7 in) 15 kg (33 lbs)

**FOR FURTHER INFORMATION, PLEASE CONTACT:**

Americas: 800 422 6872

Canada: 800 845 6808

Asia Pacific: +86 512 82280099

Europe: +49 2226 9047 355

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