

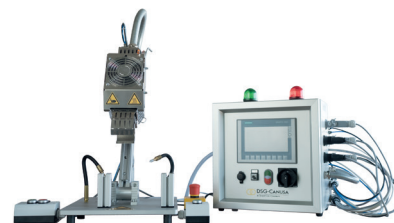
DERAY®-WORKMAN TP

DESCRIPTION

The DERAY®-WorkMan TP is a semiautomatic bench-top hot air shrink appliance. This universal appliance can be used for both pre-assembly and wire harness series production purposes. It is used for the processing of heat shrink products for example, on brake pipes and seat belt applications.

FEATURES AND BENEFITS

- Universal bench-top shrink appliance
- Simple and easy handling via Siemens touch panel
- Shrink chambers available in various sizes
- Quick-change system for shrink chambers
- Configurable air nozzles for continuous or post heating cooling
- Integration with customer's data system through RS232 on request
- Integration with customer's data system through TCP/IP and OPC UA on request
- Process optimization by using barcode scanners is possible
- Day cycle and total cycle counter
- Temperature control through Siemens CPU
- Adjustable parameters: Shrink time, shrink temperature, cooling time
- CE and RoHS conformity



Up to 125
DATA SETS STORABLE

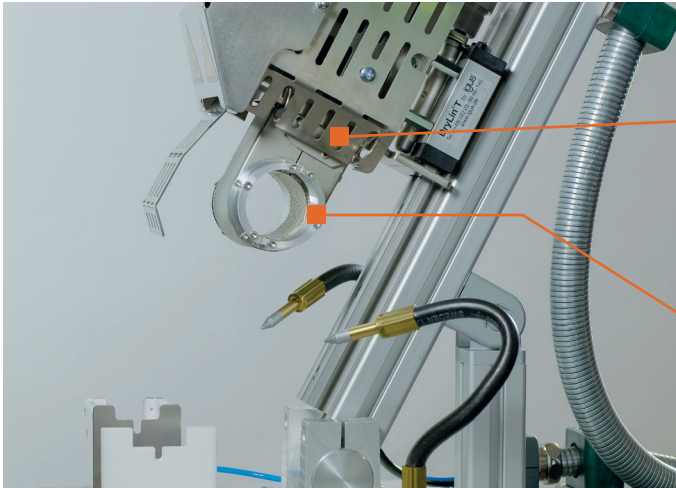
Ø 30–80 mm
**SHRINK CHAMBERS
AVAILABLE**

APPLICATIONS:

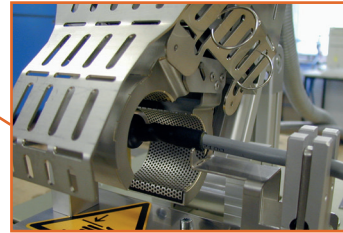
Battery cables, brake and air conditioning pipes, connectors, seatbelt buckles, cable bundle sealing

APPLICATION SAMPLE:





High application variety through various shrink chamber sizes



Uniform heat distribution via shrink chambers

OPERATION

First, the heat shrink covered object must be fixed in the holding device. The assigned shrink parameters to the object can be selected either manually or by means of a scanner. Then the shrinking process must be started by using both hands for safety reasons. Now the mobile shrink unit automatically moves to the operating position and the shrink process begins. Opening and closing of the shrink chamber takes place pneumatically. In addition, an after cooling time or a continuous cool time can be selected. Once shrinking is complete, the mobile shrink unit returns to its ready position.

ORDER INFORMATION

DERAY®-WorkMan TP

PRODUCTS / SIZES

DSG-Canusa heat shrink products

- Maximum tubing diameter up to 70 mm
- Maximum tubing length up to 210 mm

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

SCOPE OF DELIVERY

- Shrinking machine
- Control unit
- Emergency button
- Two-hand safety start button
- Operating manual (ENG, DE, FR)

ACCESSORIES

- Barcode scanner
- Shrink chambers:
Width: up to 210 mm;
Internal diameter: up to 80 mm

TECHNICAL DATA

PROPERTY	
Electrical connection	1/N/PE AC 230 V 50-60 Hz
Electrical current consumption	app. 1.1 kW/h at 275 °C shrink temperature
Electrical power consumption	max. 3.6 kW
Rated current	16 A
Electrical fuse protection	16 A
Degree of protection	Control unit: IP 54 Shrink head: IP 20
Shrink temperature	150 °C - 300 °C (302 °F - 572 °F)
Pneumatic connection	6 - 8 bar (90 - 115 psi)
Pneumatic work pressure	5 bar (72 psi)
Compressed air consumption	150 - 180 ltr/min (5.3 - 6.4 cfm)
Heating air shrink chamber adjustable	0.5 - 1.0 bar (7.3 - 14.5 psi)
Ambient temperature	10 °C - 45 °C (50 °F - 113 °F)
Sound pressure level	app. 67 dB(A)
Dimensions and weight	
Shrinking machine	w 350 x h 770 x d 510 mm (w 13.8 x h 30.3 x d 20 in) 18 kg (39.7 lbs)
Control unit	w 600 x h 470 x d 340 mm (w 23.6 x h 18.5 x d 13.4 in) 19 kg (41.9 lbs)

FOR FURTHER INFORMATION, PLEASE CONTACT:

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