

## Data Sheet

### Repair Heating Device SM-RD-120/300, SM-RD-120/750 and SM-RD-120/1250

Repair heating devices are electrical heating devices used for fabricating (splicing) and repairing Forbo Siegling belting material which is suitable for maximum temperatures of 200°C.

For the mounting of mostly wide transport belts, the belt ends can be made into an endless connection in two or more steps by means of heating plates. The SM-RD-120/... is the optimum solution due to its integrated marginal cooling zones. Ideal temperature decrease in the marginal area and quick cooling after heating of the belt material with a connecting angle of 90°. For making the endless splicing the belt is laid into an S-shaped curve. Screw clamps and snap-on screw clamps fix the congruent heating plates ensuring an even connection.

The device is supplied with the following standard accessories: Pressure equalizing metal sheets, shim bar set, textured fabric standard, separating paper, soft pad 1 mm, silicone fabric no. 1, digital measuring instrument and temperature sensors.

For an optimum application the following equipment can be used in addition: A transportable cooling unit and a control unit.



Repair heating device  
SM-RD-120/300, SM-RD-120/750  
and SM-RD-120/1250

**Should you need any further information, please contact directly the manufacturer:**

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**MÜSSEL**  
Maschinenbau GmbH



Technical Data		SM-RD-120/300	SM-RD-120/750	SM-RD-120/1250
Belt width max.	[mm]	300	750	1250
Heating plates length	[mm]	120	120	120
Length	[mm]	217	217	217
Width	[mm]	448	900	14040
Height	[mm]	88	88	88
Weight (net)	[kg]	11,3	25,4	41,0
Voltage	[V]	230 / 110	230 / 110	3x 400 / 3x 220
Capacity	[W]	2x 1000	2x 2000	2x 3250
Heating up time	[min]	10	10	10
Coolant		water	water	water
Heating temperature max.	[°C]	200	200	200

#### Accessories

Material number	Designation
870356	WCD-55 cooling device
872896	ECU-AV-1 control unit (Suitable for SM-RD-120/300!)
872863	ECU-AV-3 control unit (Suitable for SM-RD-120/1250!)
870473	Snap-on screw clamp

Material number	Designation
872559	SM-RD-120/300 (230V)
872560	SM-RD-120/300 (110V)
872564	SM-RD-120/750 (230V)
872565	SM-RD-120/750 (110V)
872569	SM-RD-120/1250 (3x 400V)
872570	SM-RD-120/1250 (3x 220V)

Further sizes on request!