

HISD - Insulated Side Drum Heater (up to 90 °C) - data sheet

Area of application

The HISD - Side Drum Heater is a simple yet effective tool for the heating of barrels. It is available in four standard sizes (25 / 50 / 105 / 200 liters) and can be manufactured to customer specifications as well.

HISD heater jackets are particularly suited to melt soaps, fats, varnishes and oil-based products, or respectively reduce their viscosity. The 200-liter element can be combined with the HBD - base drum heater to reduce the heat-up time.

These heater jackets are not only used on drums but also for the heating of glass-fibre reinforced plastics. They can be produced with any number of belts, e.g. to enable them to be clamped on to rotor blades.



Technical Data

Max. temperature of insulation	90 °C
Outer material	Flame retardant waterproof polyurethane-coated polyester
Insulation material	Fibreglass
Protection class	II
Cable length	4 meters
Type of cable	H07RN-F with Schuko-plug
Fastening	Quick-release buckles
Control	Capillary pipe thermostat or digital thermostat
Control range	0 – 90 °C (optional: 0 – 40 °C)
Heating zones	1
Special sizes possible	yes

Drum size	Power at 230 V	Length	Width	matches Ø	Capillary thermostat	
					0 - 90 °C	0 - 40 °C
					Part-No.	Part-No.
25 liters	200 W	1020 mm	400 mm	277 – 323 mm	387D.013	387D.110
50 liters	250 W	1250 mm	460 mm	350 – 398 mm	387D.003	387D.111
105 liters	400 W	1650 mm	370 mm	478 – 525 mm	387D.018	387D.093
200 liters	450 W	1950 mm	450 mm	573 – 621 mm	387D.001	387D.113
200 liters	1200 W *	1950 mm	800 mm	573 – 621 mm	387D.004	387D.114

*for steel drums only

Operational safety

All HISD - Side Drum Heaters correspond to the EMV low-voltage guideline valid within the EC and are marked accordingly with the CE sign.

The electricity supply should be separated from the drum heater if the barrel is empty, during the filling process, or during installation and disassembly of the heater itself. The device should only be used in dry surroundings and with a ventilated barrel to avoid pressure building up inside the drum.

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