Drum melter 200L GX7882

Heated high-performance drum melting system in design version for environmentally friendly operation, for processing hot-melt adhesive and sealants from 200 liter drum containers using a gear pump feed.

The machine concept, consisting of a motor-driven synchronous spindle feed and a heated, segmented follower plate with a gear pump, ensures low-maintenance operation when melting and distributing large volumes of suitable thermoplastic or reactive adhesives and sealants. Optimized operating safety is achieved using the latest monitoring techniques and operating status displays.

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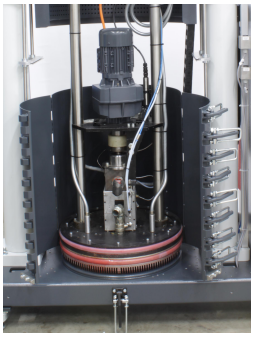

Melting plate with screw spindle pump

Barrel sleeve

Material conveying without compressed air using an electric spindle drive

GX21 drum melter with innovative FlexControl microprocessor control system

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Delivery and services are effected in accordance with the current terms of business of the SM Klebetechnik Vertriebs GmbH.

Standard equipment

- Compact and maintenance-friendly design with optimized operator safety features
- Drip shield protection for clean drum-change with parking position in door
- Cable and tubes guided in drag chain for best durability
- Use of high quality market available electrical components (Siemens, Möller, Lenze, Weidmüller)
- Energy efficient high melting operation
- Plate pressure detection using integrated melting plate pressure sensor
- Very short suction hole for best material intake flow condition
- Semi-automated 100%-deaeration below plate and pump
- Automated activating of temperature set-back
- Possible heater replacement in high-strength aluminium melting plate
- High-quality seamless plate seal (PTFE encapsulated silicone gasket ring)
- Touchscreen control panel and signal light bars as visual status indicators
- CE - compliant design and marking

Optional equipment

- Possible engineered system design
- Process data logging
- Precise liquid level reading with programmable threshold switch function
- Ventilation hood, drum jacket, drum pre-haeting etc.
- Material flow meter and/or material temperature reading
- Double seal-ring melting plate version for processing contour wall drums/barrels
- Different melting plate fin configurations available
- Screw spindle pump alternatively available for handling highly viscous materials
- Tandem version with automated change-over function
- Heated buffertank unit adaption with extended piston reservoir (first in - first out) for no downtime at drum change

Technical data

Heating:	electrical
Wattage:	19,5 kW
Melt capacity:	max. 350 kg/h (depending to media in use)
Voltage:	3/N/PE 400 V AC, 50 Hz
Pump system:	Gear-pump or screw spindle pump
Pump capacity:	5 - 600 kg/h (depending to media in use)
Pump drive:	3-phase brush-less AC Motor
Drive power:	3 kW
Speed control:	Frequency converter
Hose connections:	1 - 2
Dimensions L, W, H: [mm]	1900 x 710 x 2700