



# Drum melter 200L GX7531

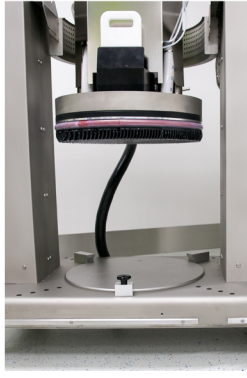
Heated drum melter in stainless steel design with automated air relief and seamless plate-seal to process hotmelt-adhesives and sealants from smooth wall 200 kg / 55 Gal. drums for food- and pharma-industries



The equipment concept based on pneumatic pressure cylinders and a heated segmented melting plate with a gearpump in configurable variations, ensures low maintenance issues during melting and metering of suitable thermoplastics or reactive adhesives and sealants. Best operator safety will be achieved related to dedicated process step monitoring and a two-hand-operation.



Pneumatic piston driven ball valve for deaeration



Special collar-melting-plate and drum lock clamps



Alternative stainless steel cavity screw pump for best output rates with several high viscos materials



Tandem drum melter system in stainless steel design with automatic change-over for interruption-free operation

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

### Standard equipment

- ..... Compact and maintenance-friendly design and construction
- ..... Drip shield protection for clean drum-change operation
- ..... Cable and tubes guided in drag chain for best durability
- ..... High quality electrical and pneumatic components (Siemens, Möller, Lenze, Weidmüller, Festo)
- ..... Very short suction hole for best intake flow condition
- ..... Automated 100%-deaeration below plate and pump
- ..... Pneumatic controlled dual-step bypass-valve
- ..... 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)
- ..... SPS S7/1200 with profibus interface / communication port
- ..... Touchscreen operator-interface with light beacon for failure indication / warnings
- ..... CE - compliant design and marking

### Optional equipment

- ..... Possible engineered system design
- ..... Electronic pressure control with mechanical over-pressure relief
- ..... Process data logging
- ..... Precise liquid level reading with programmable threshold switch function
- ..... Ventilation hood, drum jacket, drum pre-heating etc.
- ..... Material flow meter and/or material temperature reading
- ..... Different melting plate configurations available
- ..... Alternative pump sizes 5 kg/h – 600 kg/h
- ..... Tandem version with automated change-over function
- ..... Heated buffertank unit with extended piston reservoir (first in - first out) for no downtime at drum change

### Technical data

..... Heating:	..... electrical
..... Wattage:	..... 22 kW
..... Melt capacity:	..... max. 300 kg/h (depending to media in use)
..... Voltage:	..... 3/N/PE 400 V AC, 50 Hz
..... Pump system:	..... Gear pump
..... Pump rate:	..... 5 kg/h – 320 kg/h
..... 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]:	..... 2100 x 790 x 2700