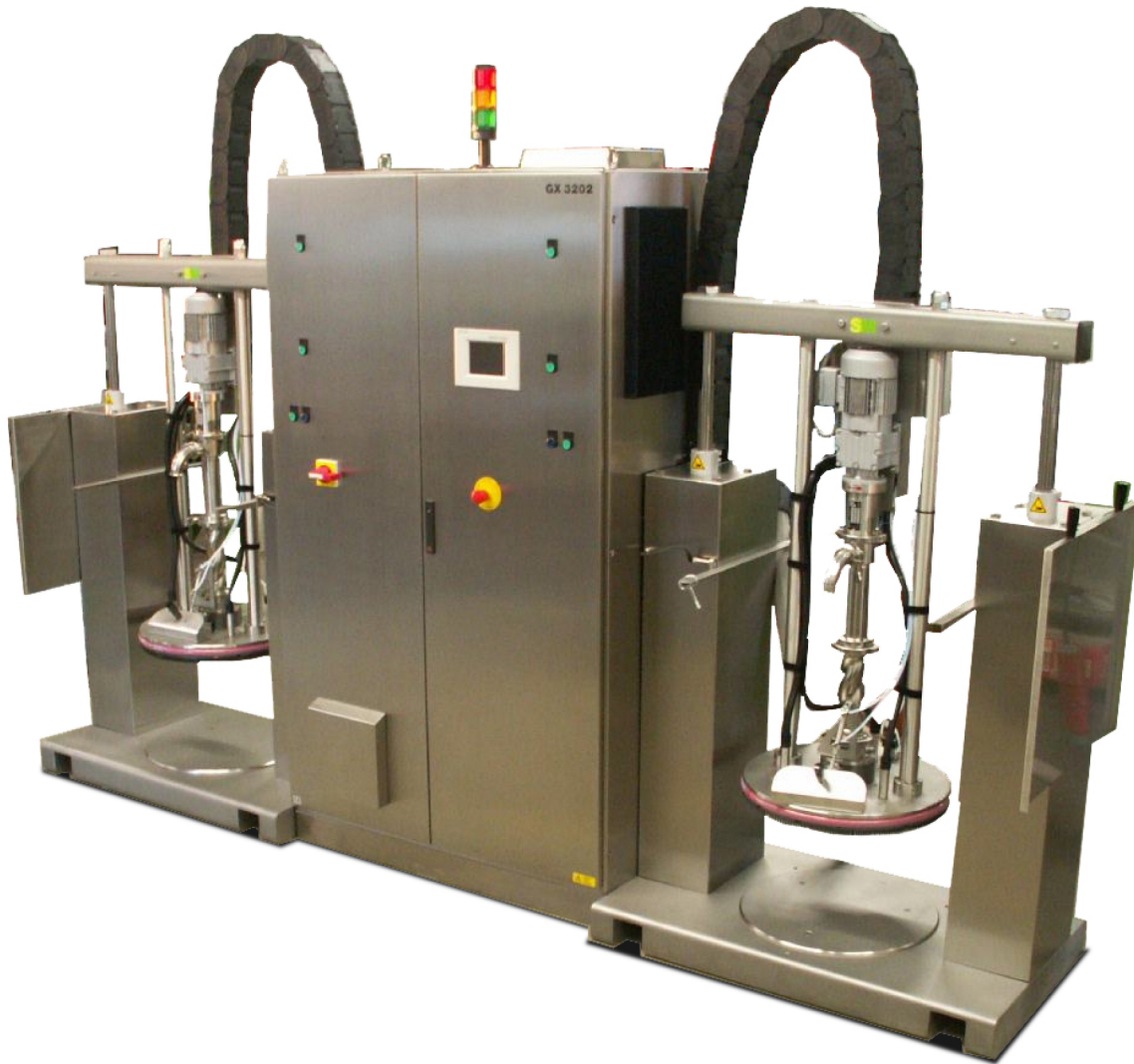




Tandem drum melter 200L GX83

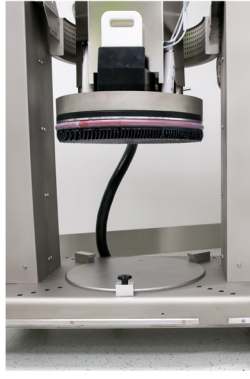
Heated stainless steel tandem drum melter system with seamless plate-seals to process high viscos hotmelt-adhesives and sealants interruption free from smooth wall 200 kg / 55 Gal. drums for the pharma- and food-industry



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



Deaeration system with pneumatic driven ball-valve



Special collar melting plate and drum clamp-holder



Alternative pneumatic driven stainless steel scoop piston pump for processing high viscous materials



GX75 "stand-alone" high performance drum melter made of stainless steel with mering gearpump 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 and construction
- Drip protection for clean drum change
- Cable and tubes guided in drag chain for best durability
- High quality electrical and pneumatic components (Siemens, Möller, Lenze, Weidmüller, Festo)
- Short suction hole for best intake flow condition
- Automated 100%-deaeration below plate and pump
- Pneumatic controlled two-step bypass
- Automated activating of temperature set-back
- Possible plate heater replacement
- Seamless plate seal (PTFE encapsulated silicone gasket ring)
- PLC Siemens S7/1200 with Profibus 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
- Pneumatic scoop piston pump made of stainless steel
- Double seal melting plate version for use of barrels with uneven surface
- Hose connection as dairy pipe screw joint (clamp/flange)

Technical data

Heating:	electrical
Wattage:	2x 22 kW
Melt capacity:	max. 2x 300 kg/h (depending on used media)
Voltage:	3/N/PE 400 V AC, 50 Hz
Pump system:	Cavity screw pump
Pump rate:	5 kg/h – 600 kg/h (configurable)
Pump drive:	3-phase brush-less AC Motor
Motor wattage:	250 W - 2,2 kW (configurable)
Speed control:	Frequency converter
Hose connections:	2x 1
Dimensions L, B, H:	3600 x 710 x 2870 mm