

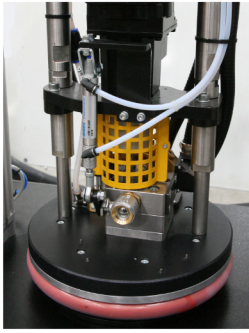


Tandem drum melter system GX33

Heated tandem drum melter system to process hotmelt-adhesives and sealants from smooth wall 20 Liter / 5 Gal. hobbcocks with volumetric metering pump rates in alternating and interruption free operation.



The equipment concept is based on pneumatic pressure cylinders and an anti-stick-coated melting plates with gearpumps in configurable variations, ensuring less maintenance issues during melting and metering of suitable thermoplastics or curable adhesives and sealants. Best operator safety will be achieved related to dedicated process step monitoring and a two-hand-operation.



Melting plate with front side deaeration module



Electronic sensor for material pressure read out



Customs design GX85 tandem drummeter system for 200 Liter drums with special electrical stainless steel cabinet



Heated hose changeover manifold with included mechanical check valve to maintain material flow direction

SM Klebetechnik Vertriebs GmbH
Otto-Hahn-Str. 19a
D-52525 Heinsberg

Phone: +49 (0) 24 52 / 91 72-0
Fax: +49 (0) 24 52 / 91 72-20
E-Mail: info@sm-klebeteknik.de

www.sm-klebeteknik.de

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

Standard equipment

- Compact design and construction
- Antistick-coating and drip protection for clean operation
- 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
- PLC Siemens S7/1200 with Profinet communication port
- Touchscreen operator interface with light beacon for failure indication / warnings
- Pneumatic controlled two-step bypass
- Automated activation of temperature set-back
- Seamless plate seal (PTFE encapsulated silicone gasket ring)
- Possible plate heater replacement
- 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 10 kg/h – 80 kg/h
- Tandem version with parallel shift mode for output maximization
- Control for metering gearhead as a robot guided application system integratable into electrical cabinet

Technical data

Heating:	electrical
Wattage:	14 kW
Melt capacity:	max. 25 kg/h (depending to material in use)
Voltage:	3/N/PE 400 V AC, 50 Hz
Pump system:	gear pump
Pump rate:	5 kg/h – 40 kg/h
Pump drive:	3-phase brush-less AC Motor
Drive power:	250 W
Speed control:	Frequency converter
Hose connections:	2 - 6
Dimensions L, W, H [mm]:	2250 x 615 x 2053