

- Industrial Dispensing Equipment & Adhesive Systems
- Industrial Tooling & Maintenance Services
- Industrial Contracting, Engineering & Automation

GP-Series Tank-Grid Units with Gear Pump



GP65 Unit with 2 Hose/Gun connections



GP07



GP15



GP25



GP45

The GP-Series hot melt units is a family of high quality tank units equipped with a melting grid to process medium to high viscosity glues, mainly in the field of product assembly applications. Because the melting grid results in a better heat transfer to the glue, the unit is suited to work with difficult to melt adhesives such as polyamide and polyolefine glues.

Dependant on the tank size, the unit can be equipped with up to four gear pumps available in different sizes and with several types of bypass selected in accordance to the needs of your application.

The plug-in temperature control modules, based on Pt100 or FeKo sensor, provide an accurate temperature regulation within 1 °C. All components used are high quality and state-of-the-art ; the unit is built to fulfill the strictest application requirements.



GP45 Melting grid and level sensor



Two-pump drive and pneumatic bypass



Dual pump system with separate drives

Standard Equipment

- PID plug-in regulator with self-optimisation
- Hard-wearing AC motors (Lenze), key to line possibility
- Mechanical or pneumatically regulated bypass allows fine adjustment and optimal pressure regulation possibilities.
- Tank is provided with an anti-stick coating.
- Electrical components : Siemens, Klöckner-Möller, Lenze, Weidmüller
- Temperature set-back and alarm logic included
- Filter block out of high strength aluminium
- Compact and service-friendly set-up

Optional Equipment

- Gluing equipment can be tailored to individual needs and specific application parameters
- Compatible sensor for products of other manufacturers such as Pt100, FeKo, Ni120.
- Automatic granulate feeding systems
- Possible pump sizes 5 kg/h, 10 kg/h, 20 kg/h, 40 kg/h and as of GP25 also 80 and 160 kg/h pumps
- Capacity level sensor with level control
- Multi channel temperature regulator

Technical Data	GP07	GP15	GP25	GP45	GP65
Tank :	7 liter	10 liter	25 liter	45 liter	65 liter
Voltage :	3 x 380 Vac NPE	3 x 380 Vac NPE	3 x 380 Vac NPE	3 x 380 Vac NPE	3 x 380 Vac NPE
Heating capacity :	2,5 kW	2,5 kW	3,4 kW	7,1 – 9 kW	7,1 – 9 kW
Melting capacity :	5 kg/h ⁽¹⁾	5 kg/h ⁽¹⁾	15 kg/h	30 kg/h	40 kg/h ⁽¹⁾
Temperature regulator :	PID plug-in	PID plug-in	PID plug-in	PID plug-in	PID Multi Channel
Pump type :	Gear pump	Gear pump	Gear pump	Gear pump	Gear pump
Pump capacity [kg/h] :	5, 10, 20, 40	10, 20, 40	10, 20, 40, 80,160	10, 20, 40, 80,160	10, 20, 40, 80,160
Max. n° of pumps :	1	1	2	4	4
Pump drive :	AC-motor	AC-motor	AC-motor	AC-motor	AC-motor
Motor capacity :	250W	250W	250 W – 1,5 kW	250 W – 1,5 kW	250 W – 1,5 kW
Hose connections :	1 – 4	1 – 4	1 – 4	1 – 4	1 – 4
Empty weight :	ca. 50 kg	ca. 60 kg	ca. 70 kg	ca. 90	ca. 100 kg
Dimensions l x w x h [mm]	740 x 395 x 420	680 x 365 x 510	800 x 430 x 770	840 x 700 x 1150	840 x 700 x 1350

Notes : ⁽¹⁾ Figures are dependant on the glue viscosity and glue type used.