

LEONHARDT GMBH Postfach 201 136 D-63271 Dreieich

MASCHINENFABRIK LEONHARDT GMBH

Darmstädter Straße 64  
D-63303 Dreieich

Telefon +49 (0) 61 03/6 10 98  
Telefax +49 (0) 61 03/6 10 00  
info@maleo.de  
www.maleo.de

Amtsgericht  
Offenbach/HRB 40930  
Geschäftsführung  
Eric Kerschbaumer



## SERIES TGs

- Applications: Sauces, dressings, salads with particles upto 30x30x30 mm, stews, delicatessen salads, ready meal components like mashed potato, marmelades, jams, honey etc.  
(homogenous and pumpable, without separation)
- Combinations: Traysealers (single and multiple lanes), thermoformers, pouch packaging machines and flowwrappers, cartoning machines and conveyorlines for jars, cans, buckets and cups.
- Dosing ranges: Total range: **15 - 1.170 cc** per cycle and dosing position.
- |        |                 |
|--------|-----------------|
| DN 35  | 15 - 150 ccm    |
| DN 65  | 100 - 500 ccm   |
| DN 100 | 330 - 1.175 ccm |
- Dosing capacity: max. 20 - 50 cycles / min / position, depending on product and dosing volume.
- Dosing positions: **1 - 4**

Piston drive:	electro-pneumatic (+ <u>servo drive deliverable for function "fill on demand"</u> )
Hopper:	30 l. - LEONHARDT <b>TGs1</b> 50 l. - LEONHARDT <b>TGs2</b> 80 l. - LEONHARDT <b>TGs3 - TGs4</b>
Controls:	PLC Siemens
Synchronisation:	interface with packaging lines, potential free signals.
Volume adjustment:	The stroke length of the dosing cylinder is to be adjusted manually by hand wheel. The stroke length is displayed in mm. The speed is adjustable with valves.
Dosing system:	Dosing cylinder with rotary valves, temperature range 2 - 90°C, easy manual "one-tool" operation.
Options:	<b>Stirrer</b> , drive frequency controlled and covered.  <b>Level sensor (high-low level)</b> in the hopper with interface to external or integrated transferpump  <b>Transferpump</b> , integrated in machine frame to pump product directly from 200 l. trolleys or other containers into the hopper.  <b>Vertical movement of the filling nozzles</b> for improved filling/spreading of the product in the packs.  <b>Horizontal movement of the filling nozzles</b> for filling multiple positions of packages in 2 steps (thermoformer or walking beam configurations).  <b>Dosing nozzles</b> in several executions related to the product e.g. rotary nozzles, capillary nozzles, cut-off nozzles. Several coatings and geometries possible.  <b>Parts and tool cart</b> , for cleaning and storage of the dismantled parts.  <b>Transport systems</b> for trays, jars, cans etc. incl. denesters, automatic tray lidding machines and lid rolling devices.