



GANTRY-TYPE PALLET FILLING ROBOT TYPE 72

The AdvancedLine gantry-type pallet filling robot type 72 is designed for the fully automatic and calibrated filling of drums and containers on pallets or IBC.

A carrying chain conveyor moves pallets with empty containers onto the scale base. The operator "teaches" the filling openings or keeps them in position with a template. Afterwards, the containers are opened one after the other, filled, closed and if required, sealed.

The electro-pneumatic control with the scale electronics and the touch panel to operate the robot are incorporated in a stainless steel cabinet at the filling robot. Essential accessories are valve encoding system, drip collecting, gas hood or automatic earthing in case of hazardous area application (ATEX).

The benefits

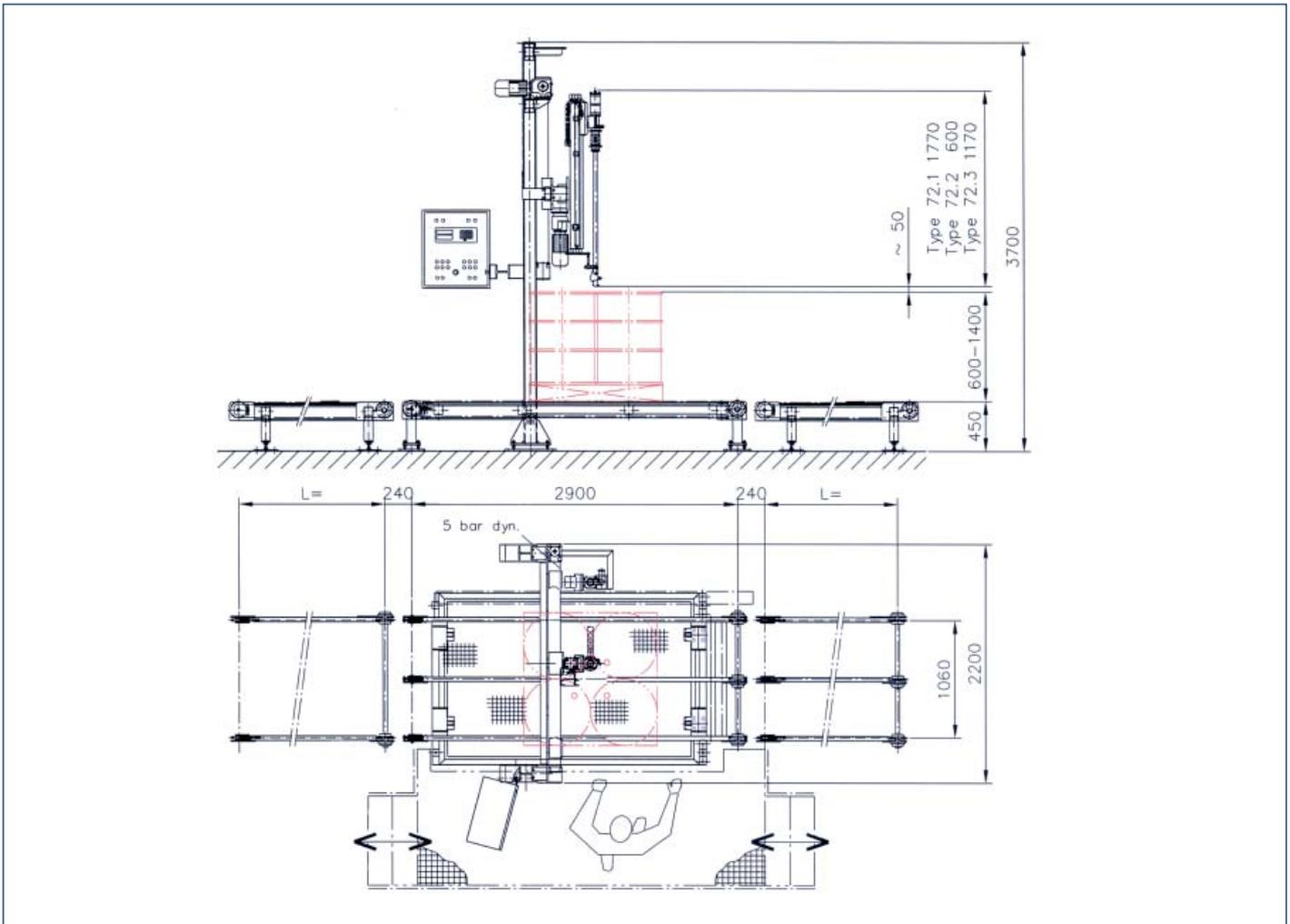
- Sturdy gantry-type construction
- Product hose and filling unit are only little moved, thus very suitable for large nominal widths
- Filling of several layers and incomplete pallets possible
- Reliable avoiding of double fillings
- Tare check, gross total check, flow rate control
- Fill time monitoring
- Below-surface filling with lance raise by weight
- Touch panel as operating interface with integrated weigh scale terminal and monitoring
- Connection to supervisory systems possible
- ATEX compliant



TECHNICAL DATA | DESIGN

Type 72.1-B-P0n	Gantry-type pallet filling robot, below-surface mode, for liquids which produce foam or gas during filling
Type 72.1-B-AZn	Gantry-type pallet filling robot, below-surface mode, like above, but with de-bunging and bunging
Type 72.1-B-ACn	Gantry-type pallet filling robot, below-surface mode, like above, but with de-bunging, bunging and sealing
Types 72.1-B-P0x, -AZx, -ACx	like above, but ATEX compliant for the use in hazardous zone 1
Type 72.3-B-P0n	Gantry-type pallet filling robot, below-bunghole mode, for uncritical liquids
Type 72.3-B-AZn	Gantry-type pallet filling robot, below-bunghole mode, like above, but with de-bunging and bunging
Type 72.3-B-ACn	Gantry-type pallet filling robot, below-bunghole mode, like above, but with de-bunging, bunging and sealing

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TECHNICAL DATA

<p>Electric design</p> <p>ATEX design</p> <p>Air consumption</p> <p>Weight</p> <p>Weighing range (approved for verification)</p> <p>External control</p> <p>Ambient temperature</p> <p>Product temperature</p> <p>Nominal output</p>	<p>3x400V/N/PE/50Hz, input power approx. 5 kVA</p> <p>II 2G c IIB T3, monitored earthing</p> <p>approx. 50 / 20 NI / cycle for below-surface / below bung-hole mode additional approx. 250 NI / cycle for automatic de-bunging and bunging additional approx. 20 NI / cycle for automatic sealing</p> <p>approx. 1150 kg</p> <p>10 kg to 300 kg, increments 0,1 kg / to 1250 kg, increments 0,5 kg, Minfill = 30 kg or 20 kg to 600 kg, increments 0,2 kg / to 1500 kg, increments 0,5 kg, Minfill = 45 kg or 20 kg to 600 kg, increments 0,2 kg / to 2000 kg, increments 1 kg, Minfill = 45 kg</p> <p>dry contacts for flow control valve or 4 to 20 mA for customer's product pump</p> <p>5° to 35°C</p> <p>0° to 130°C</p> <p>up to 60 drums/h referred to 7l/s in coarse fill, up to 40 drums/h with de-bunging and bunging, up to 32 drums/h with de-bunging, bunging and sealing</p>
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All information is meant for orientation. We would be glad to prepare a binding quotation for you.