



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

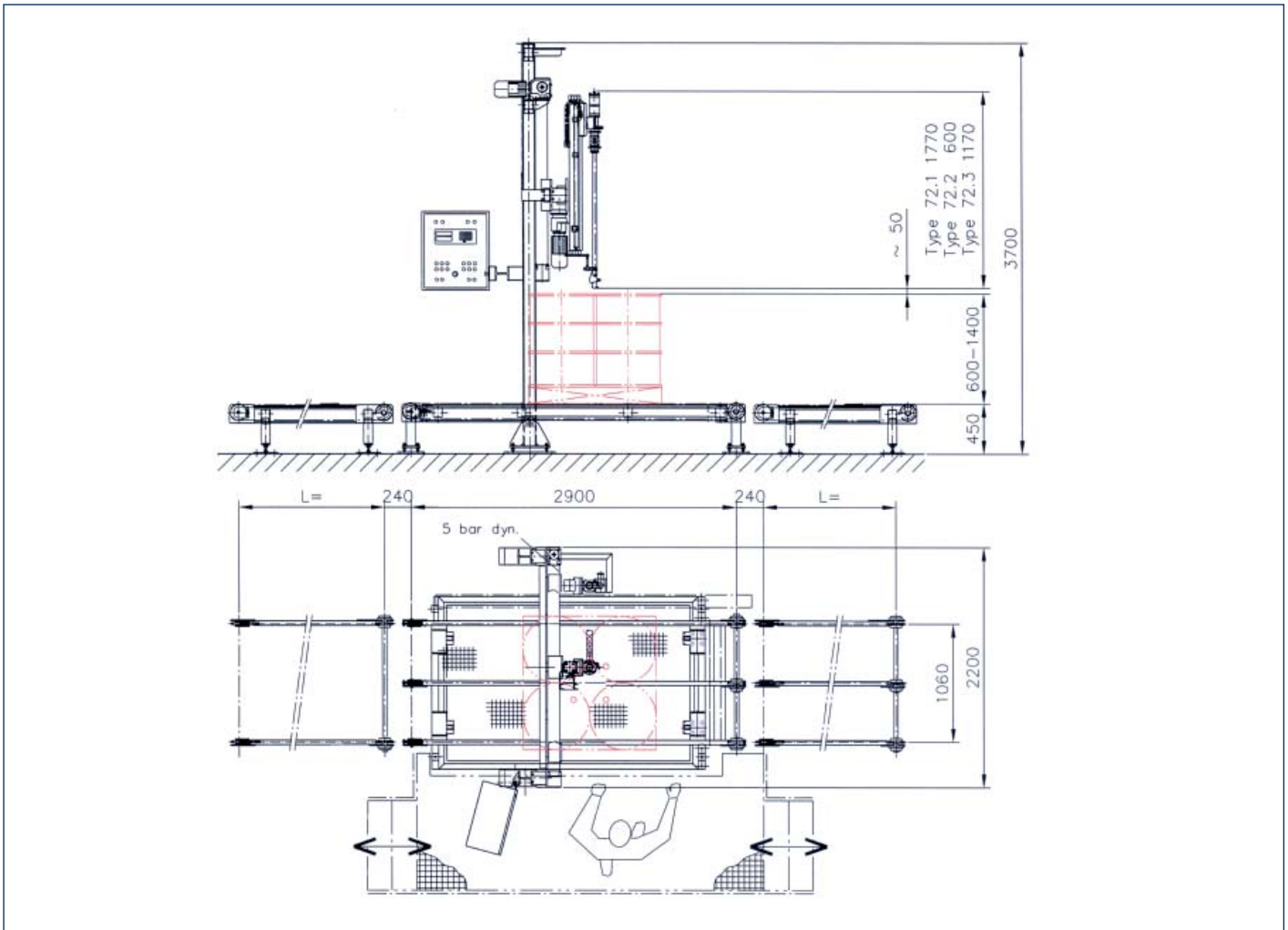
- Sturdy gantry-type construction
- Product hose and filling unit are only little moved, thus very suitable for large nominal widths
- Filling of several layers and incomplete pallets possible
- Reliable avoiding of double fillings
- Tare check, gross total check, flow rate control
- Fill time monitoring
- 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

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|------------------------------|---|
| 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

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|--|---|
| Electric design | 3x400V/N/PE/50Hz, input power approx. 5 kVA |
| ATEX design | II 2G c IIB T3, monitored earthing |
| Air consumption | approx. 50 / 20 NI / cycle for below-surface / below bunghole mode additional approx. 250 NI / cycle for automatic de-bunging and bunging additional approx. 20 NI / cycle for automatic sealing |
| Weight | approx. 1150 kg |
| Weighing range (approved for verification) | 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 |
| External control | dry contacts for flow control valve or 4 to 20 mA for customer's product pump |
| Ambient temperature | 5° to 35°C |
| Product temperature | 0° to 130°C |
| Nominal output | 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 |

All information is meant for orientation. We would be glad to prepare a binding quotation for you.