

INTEGRA® 71

Pallet filling robot

The gantry-type pallet filling robot INTEGRA® 71 convinces by detecting the filling openings fully automatically and subsequent positioning of the respective tools. While the containers are entering the filling robot, a line scan camera scans the surface, detects the filling openings automatically and checks the position of the openings for plausibility. Afterwards, one container after the other is opened, filled, closed and if required, sealed automatically.

BENEFITS

- Completely automatic filling and closing unit
- Fully automatic location of filling openings and dedicated positioning
- High variation of different container sizes
- High resolution CCD line camera system for optimum image data processing
- Huge variety of accessories
- Touch panel with integrated scale terminal as operating interface
- Stainless steel and acid protection design available

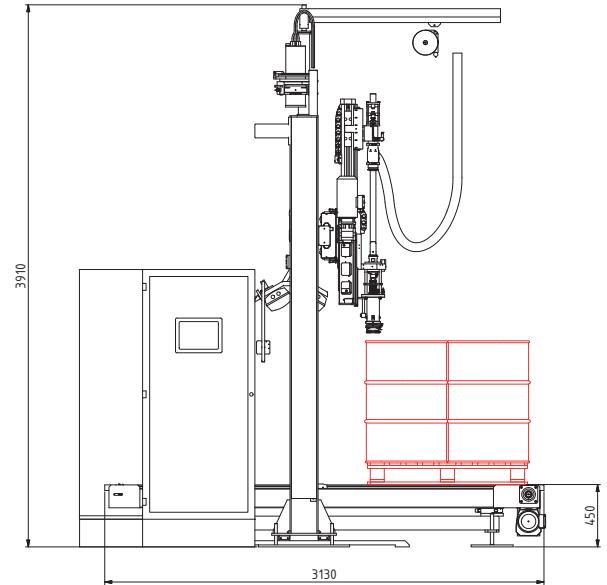
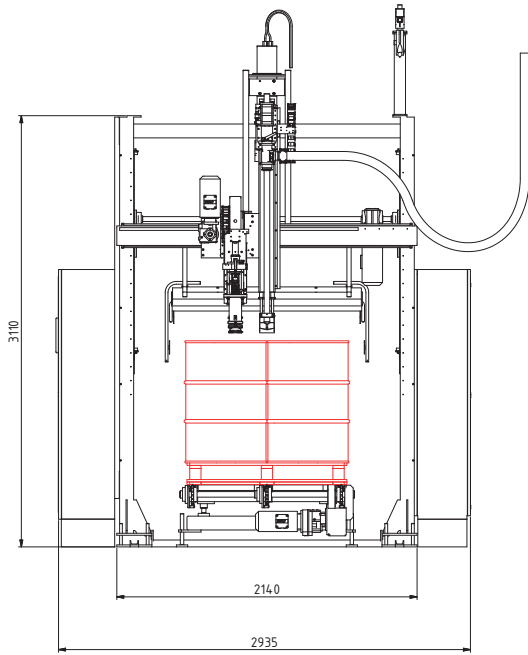


TECHNICAL DATA

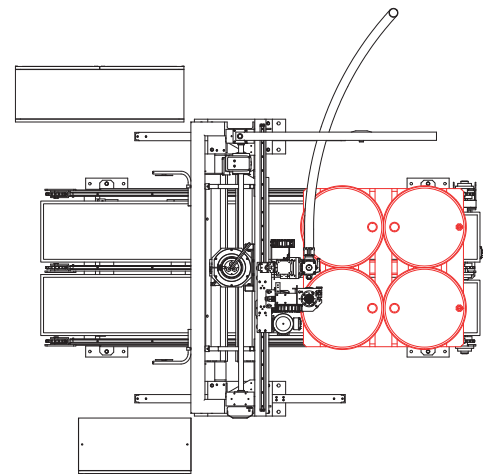
Version without base height adjustment			
Version with base height adjustment	71.1-B-00	71.2-B-00	71.3-B-00
Filling modes	Below-surface	Above-surface	Below-bunghole
Air consumption [NI/cycle]	50	15	20

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Configuration example



TECHNICAL DATA

ATEX design	II 2G c IIB T3
Electrical design	3x400V/N/PE, 50-60Hz, 5kVA
Weighing range	10 kg to 300 kg, increment 0.1 kg / to 1.200 kg, increment 0.5 kg or 20 kg to 600 kg, increment 0.2 kg / to 1.500 kg, increment 0.5 kg or 20 kg to 600 kg, increment 0.2 kg / to 2.000 kg, increment 1 kg
External control	2 dry contacts or 4-20 mA signal for controlling an on-site pump or a pilot valve for coarse/fine fill
Base height range of adjustment	600 - 1.700 mm continuously adjustable via electric drive
Required air pressure	5 bars dynamic
Weight	approx. 1.150 kg, without accessories
Ambient temperature	5-35°C
Product temperature	0-130°C
Nominal output	up to 60 drums/h with filling only, up to 40 drums/h with de-bunging and bunging, up to 32 drums/h with de-bunging, bunging and sealing for 7l/s in coarse fill