

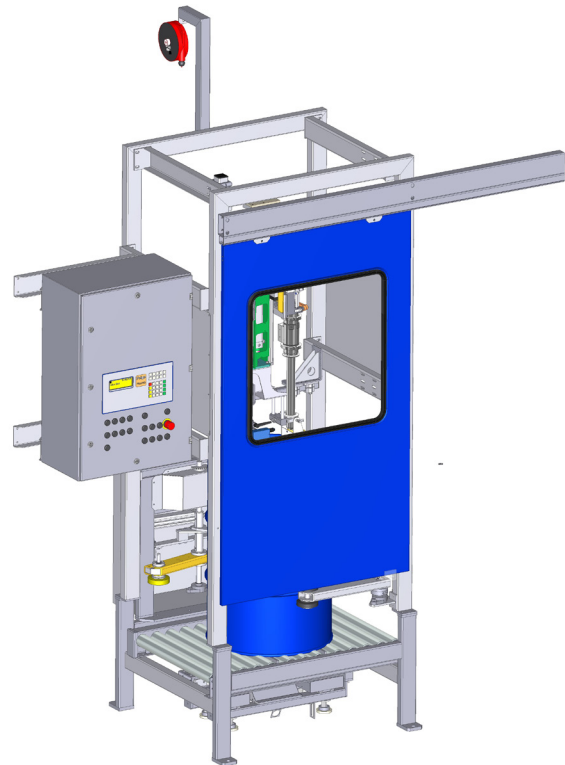


AUTOMATIC DRUM FILLING MACHINE TYPE 31

The *CompactLine* drum filling machine type 31 is designed for the fully automatic and calibrated filling of 216.5l drums. Open drums are automatically positioned and filled in the working station. A roller conveyor moves the drums through the filling machine and a drum lift raises the drums from the conveyor onto the weigh scale. Essential accessories are drip collecting, gas exhaust, even directly at the bung-hole, overflow signals, collecting basin, earthing device, inert gas purging via double jacket filling lance, base height adjustment for drum heights between 810 mm and 970 mm and devices for manual drum closing.

The benefits

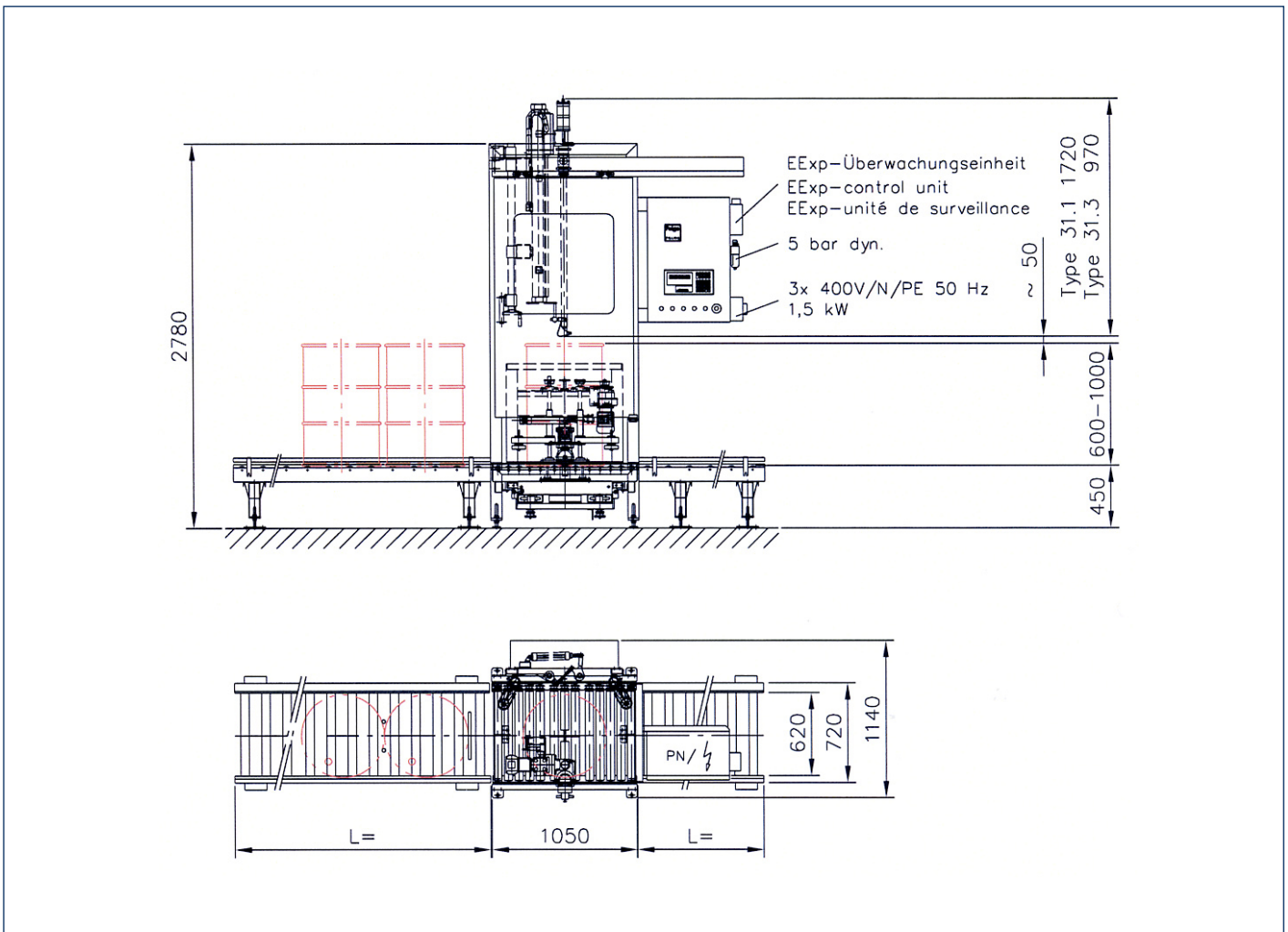
- Compact ready-to-use machine which can control one roller conveyor each in the in-feed and out-feed area
- Stainless steel and acid protection design available
- Touch panel as operating interface with integrated weigh scale terminal and monitoring
- 255 product files
- Tare check, flow rate control, fill time monitoring
- Below-surface filling with lance raise by weight
- Product hose with direct filling valve connection
- ATEX design possible



TECHNICAL DATA | DESIGN

Type 31.1-0-P0n	Automatic drum filling machine, below-surface mode, for liquids which produce foam or gas during filling
Type 31.3-0-P0n	Automatic drum filling machine, below-bunghole mode, for uncritical liquids
Type 31._-0-P0x	ATEX compliant for the use in hazardous area (zone 1)

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TECHNICAL DATA

Electric design	3x400V/N/PE/50Hz, input power approx. 3 kVA
ATEX design	II 2G c IIB T3
Air consumption	30 NI/cycle for below-surface, 20 NI/cycle for below-bunghole
Weight	approx. 800 kg
Weighing range , <i>approved for verification</i>	30 to 300 kg, increments 0.1kg
Nominal output	approx. 50 drums/h referred to 7l/s in coarse fill for legal reasons slightly less for ATEX design
External control	dry contacts for pilot valves or 4 to 20mA for customer's product pump
Ambient temperature	5° to 35°C
Product temperature	0° to 130°C

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