

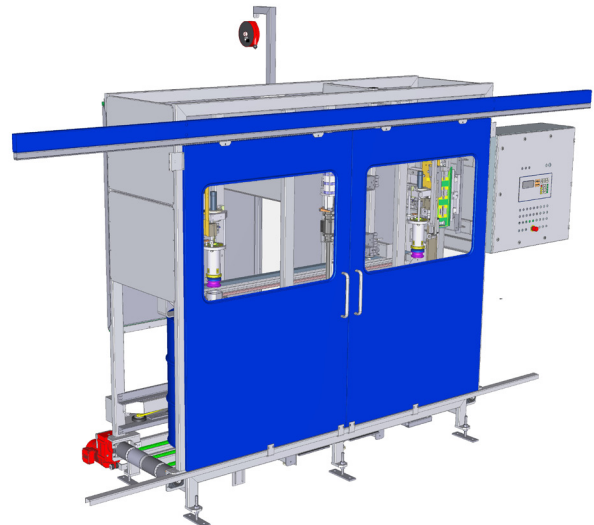


AUTOMATIC DRUM FILLING MACHINE TYPE 33

The *CompactLine* drum filling machine type 33 with three stations working in parallel is designed for the fully automatic and calibrated filling of drums. In the first station, the drums are automatically positioned and de-bunged. At the same time, an open drum is filled in the filling station and a filled drum is closed in the closing station. A chain conveyor moves the drum in single cycle through the filling machine and feeds them to the working stations. Instead of the closing station, a 2nd filling station can be installed so that the machine can be operated with pre- and final filling to increase the output. 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

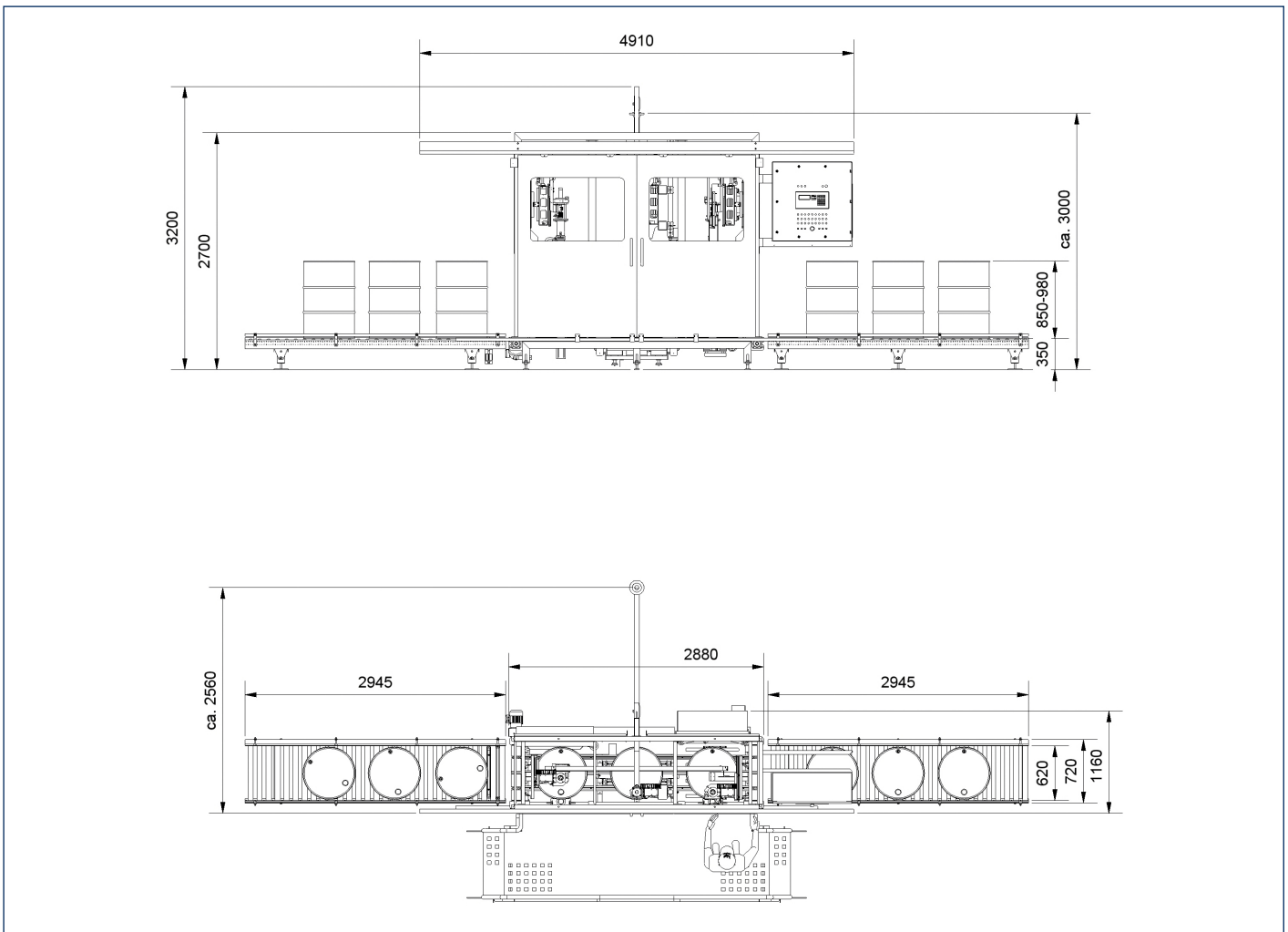
- Compact ready-to-use machine which can control one roller conveyor each in the in-feed and out-feed area
- Stainless steel and acid protection design available
- Touch panel as operating interface with integrated weigh scale terminal and monitoring
- 255 product files
- Tare check, flow rate control, fill time monitoring
- Below-surface filling with lance raise by weight
- Product hose with direct filling valve connection
- ATEX design possible. If no de-bunging tool is installed, drum inertising is possible in the positioning station



TECHNICAL DATA | DESIGN

Type 33.1-0-AZn	Below-surface mode, for liquids which produce foam or gas during filling, with de-bunging and bunging Nominal output approx. 60 drums/h referred to 7l/s in coarse fill
Type 33.1-V-P0n	Below-surface filling with pre- and final filling Nominal output approx. 100 drums/h referred to 7l/s in coarse fill per filling valve
Type 33.1-V-A0n	As above, but additionally with de-bunging and plug dropping onto the drum head
All types as above, but	
Types 33.1-0-__x	ATEX compliant for the use in hazardous area (zone 1). For legal reasons the output is slightly less for ATEX design
All types as above, but	
Types 33.3	Below-bunghole filling for uncritical liquids

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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	180 NI/cycle for below-surface filling, 150 NI/cycle for below-bunghole filling
Weight	1100 kg
Weighing range , approved for verification	30 to 300 kg, increments 0.1kg
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.