

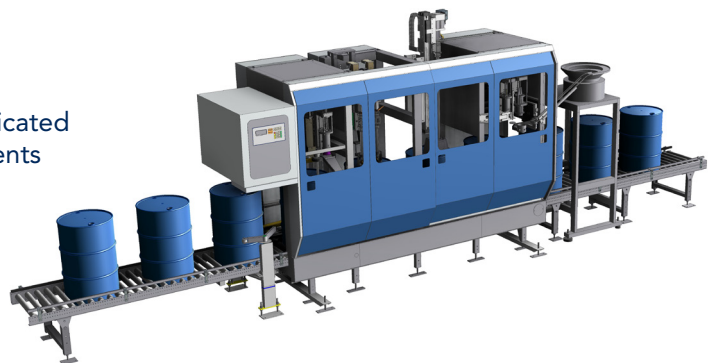


AUTOMATIC DRUM FILLER TYPE 84

The *AdvancedLine* drum filler type 84 with 4 stations working in parallel is designed for the high speed and fully automatic and calibrated filling of drums. Empty 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 drums one by one through the filler and feeds them to the working stations. To increase the output, a pre-filling station can be integrated in the 2nd cycle which transmits the tare weight to the final filling station and starts filling the drum in coarse fill. Essential accessories are drip collecting or drip extraction, gas exhaust, even directly at the bunghole, overflow signals, collecting basins, earthing devices, integrated drain funnels (CIP), inert gas purging, leakage test and overpressure bunging.

The benefits

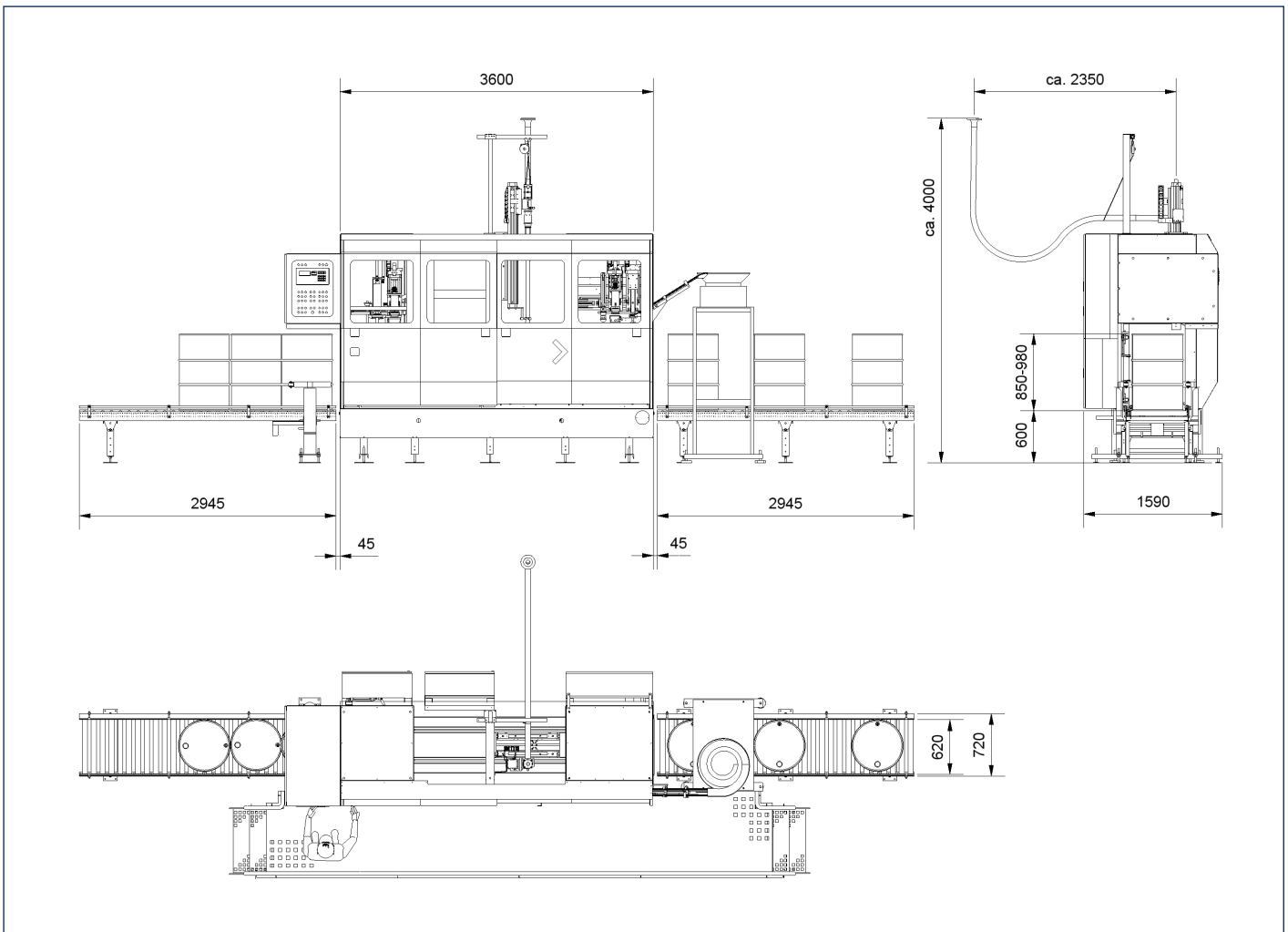
- Automatic and monitored opening, closing and sealing of standard closures
- With appropriate accessories suitable for filling of 50l to 230l ISO steel drums and ISO plastics drums
- Filling cabin can be designed as closed protective cabin with lock gates
- Stainless steel and acid protection design available
- Can be extended to a complete filling line with dedicated conveyor technology and other peripheral components
- Connection to supervisory systems possible
- Touch panel as operating interface with integrated weigh scale terminal and monitoring
- 255 product files, even upgradeable
- 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 84.1-0-P0n	Automatic drum filler, below-surface mode, for liquids which produce foam or gas during filling
Type 84.1-0-A0n	Below-surface mode as above, but additionally with de-bunging
Type 84.1-0-AZn	Below-surface mode as above, but additionally with de-bunging and bunging
Type 84.1-0-ACn	Below-surface mode as above, but additionally with de-bunging, bunging and sealing With seal cap supply from sorting pot
All type as above, but Types 84.1-V-	With pre-filling station to increase the output
All type as above, but Types 84.1-__x	ATEX compliant for the use in hazardous area (zone 1)
All type as above, but Types 84.3	Below-bunghole filling for uncritical liquids

AUTOMATIC DRUM FILLER TYPE 84



TECHNICAL DATA

Electric design	3x400V/N/PE/50Hz, input power approx. 5 kVA
ATEX design	II 2G c IIB T3
Air consumption	270 NI/cycle, incl. bunging 330 NI/cycle, incl. sealing 380 NI/cycle
Weight	2600 kg
with de-bunging	2800 kg
with de-bunging/bunging	3000 kg
with sealing	3100 kg
Weighing range, approved for verification	30 to 300 kg, increments 0.1 kg
Nominal output	approx. 60 drums/h, up to 110 drums/h with pre-filling station referred to 7l/s in coarse fill per filling valve 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.