



## AUTOMATIC DRUM FILLER TYPE 81

The *AdvancedLine* drum filler type 81 is designed for the fully automatic filling of drums. In the working station, empty drums are positioned, de-bunged, filled and closed one after the other. The tool carriage moves above the positioned bung hole and starts the dedicated process. A roller conveyor moves the drums through the filler and a drum lift raises the drums from the conveyor onto the weigh scale. Essential accessories are drip collecting or drip extraction, gas exhaust, even directly at the bung hole, overflow signals, collecting basins, earthing devices, integrated drain funnels (CIP), inert gas purging, leakage test and overpressure bunging.

### The benefits

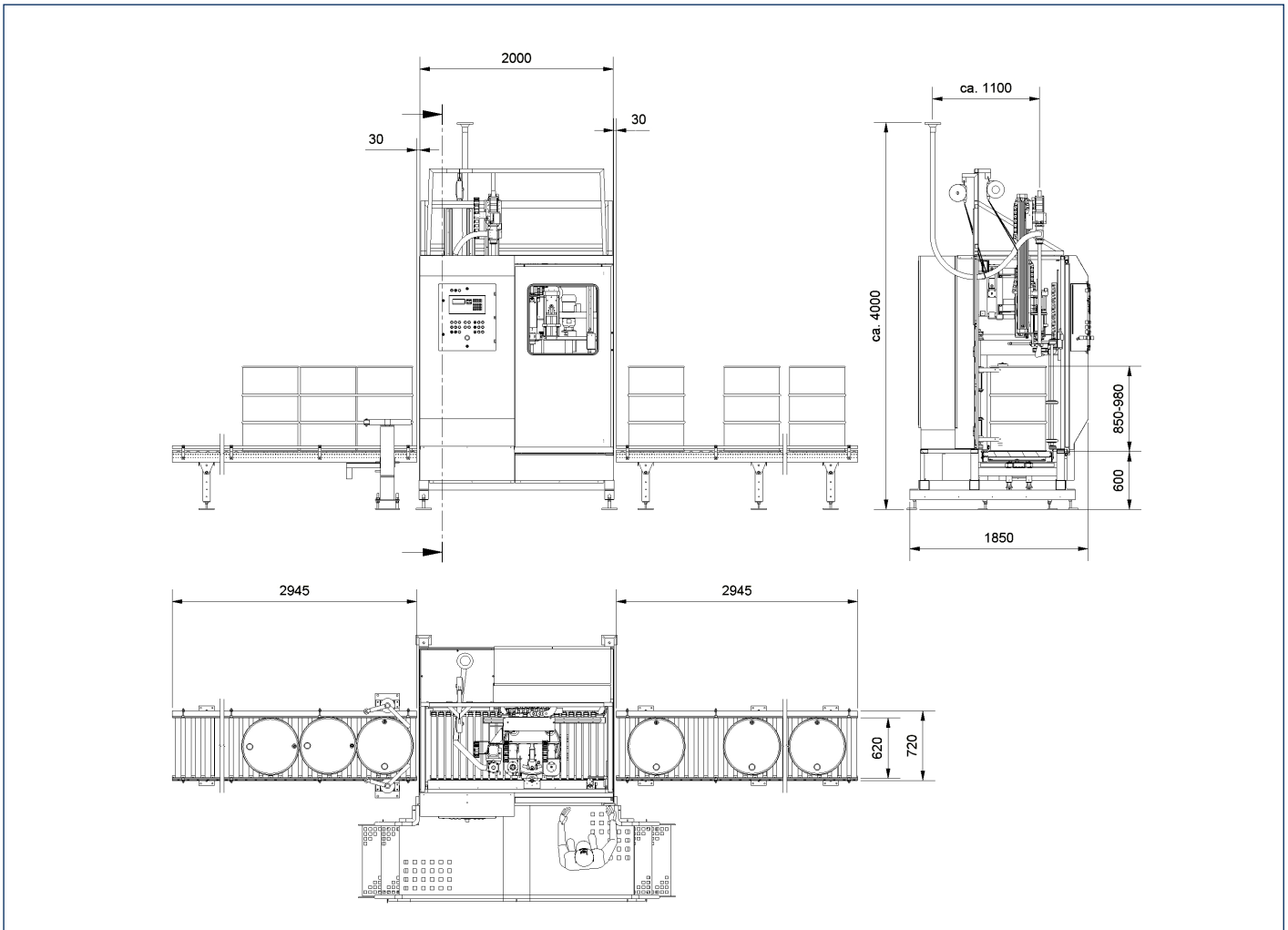
- Automatic and monitored opening, closing and sealing of standard closures
- With appropriate accessories suitable for filling of 50l to 230l ISO steel drums and ISO plastics drums
- Filling cabin can be designed as closed protective cabin with lock gates
- Stainless steel and acid protection design 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

<b>Type 81.1-0-P0n</b>	Automatic drum filler, below-surface mode, for liquids which produce foam or gas during filling Nominal output approx. 50 drums/h referred to 7l/s in coarse fill
<b>Type 81.1-0-AZn</b>	Below-surface mode, as above, additionally with de-bunging and bunging Nominal output approx. 40 drums/h referred to 7l/s in coarse fill
<b>Type 81.1-0-ACn</b>	Below-surface mode, as above, additionally with de-bunging, bunging and sealing, with seal cap supply from magazine Nominal output approx. 35 drums/h referred to 7l/s in coarse fill
<b>All types as above, but</b>	
<b>Types 81.1-0-__x</b>	ATEX compliant for the use in hazardous area (zone 1) For legal reasons, the nominal output will slightly be less.
<b>All types as above, but</b>	
<b>Types 81.3</b>	Below-bung hole filling for uncritical liquids

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### TECHNICAL DATA

<b>Electric design</b>	3x400V/N/PE/50Hz, input power approx. 5 kVA
<b>ATEX design</b>	II 2G c IIB T3
<b>Air consumption</b>	30 NI/cycle, incl. bunging 140 NI/cycle, incl. sealing 150 NI/cycle
<b>Weight</b>	1000 kg, incl. bunging 1300 kg, incl. sealing 1500 kg
<b>Weighing range</b> , approved for verification	30 to 300 kg, increments 0.1 kg
<b>External control</b>	dry contacts for pilot valves or 4 to 20mA for customer's product pump
<b>Ambient temperature</b>	5° to 35°C
<b>Product temperature</b>	0° to 130°C

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