



DRUM FILLING EQUIPMENT TYPE 29

This AdvancedLine drum filling equipment is the centrepiece of a filling line with large conveyor system and further peripheral equipment. The filling equipment with extensive product file offers all the main functions that you might expect of gravimetric fillers.

The components of the filling equipment are mounted on a sturdy square beam construction with levelling feet. A large number of well-proven components from the Feige modular system have been used, e.g. the pressure-relieved filling valve with minimum dead space and quick change connector.

Furthermore, a variety of essential accessories can be chosen such as automatic or controlled drip collecting device, drip exhaust, overflow signal or gas exhaust, even directly at the filling orifice, inerting, well-matching product hose system, drain funnel and collecting basin. During filling, the drum is reliably kept in position on the weigh scale. For opening and closing the drums, a manual offset screw driver and sealing unit with spring balancer are available.

The benefits

- Any number of drive units can be controlled
- Fully electro-mechanical scale base with four stainless steel load cells, default stainless steel with roller conveyor installed on the scale platform, optional with drive
- Stainless steel and acid protection design available

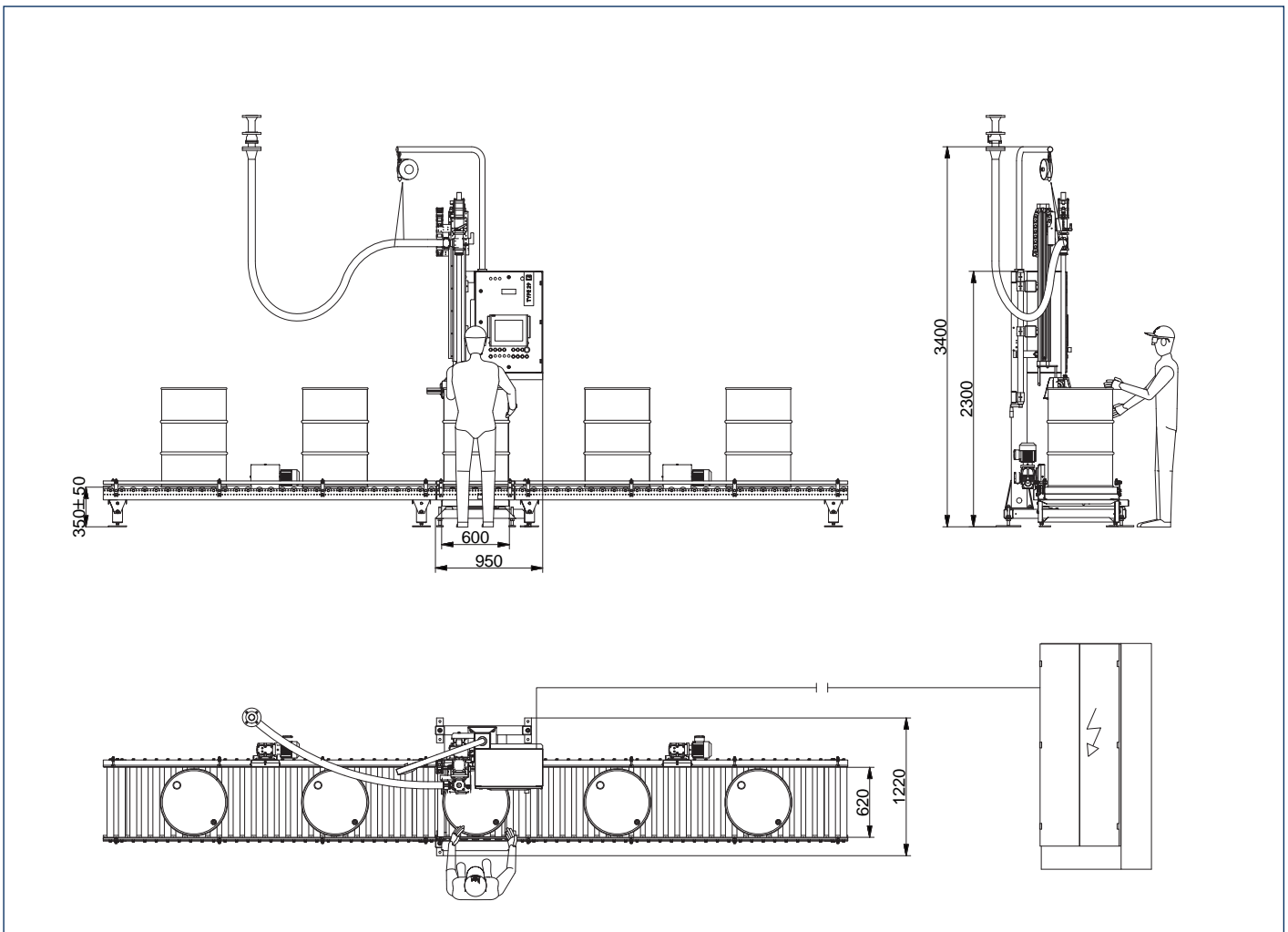


TECHNICAL DATA | DESIGN

This filling equipment is suitable for drum heights from 500 to 970 mm, please pay attention to restrictive accessories! If drums of the same height are used only, the base height adjustment can be omitted (-0- instead of -B-). However, the filling equipment can be adjusted to a fix drum height.

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| Type 29.1-B-00n | Drum filling equipment for below-surface filling of foaming liquids |
| Type 29.1-B-00x | Drum filling equipment, hazardous area design for inflammable liquids |
| Type 29.2-B-00n | Drum filling equipment for above-surface filling of pasty liquids in open drums |
| Type 29.3-B-00n | Drum filling equipment for below-bunghole filling of uncritical liquids |

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TECHNICAL DATA

Electric design	230 V/N/PE, 50-60 Hz, 0,5 kVA
with drive units	3x400 V/N/PE, 50 Hz, 2 kVA
ATEX design (below-surface)	II 2G c IIB T3, with earthing clamp for metal containers
Base height adjustment	500 mm, continuously with crank handle
Air consumption	below-surface 2 NI per cycle
	below-bunghole 30 NI per cycle
	below-surface 40 NI per cycle
Weight	300 to 400 kg depending on design
Weighing range (approved for verification)	10 to 300 kg, increments 0.1 kg
External control	2 dry contacts for coarse and fine fill or flow control valve
Ambient temperature	5° to 35°C
Product temperature	0° to 130°C
Nominal output	up to 60 drums/h for 7l/s in coarse fill

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