

# INTEGRA® 88

Automatic drum filler

Reliable and well tested. The automatic drum filler INTEGRA® 88 is working with 8 stations, thus increasing the efficiency even more. The work processes are continuously monitored. For example, nominal torques for containers and closures are automatically checked. Also possible errors such as missing bunghole seals or wedged plugs are detected by the automatic drum filler.

## BENEFITS

- Automatic and monitored opening, closing and sealing, even with leakage test and over-pressure bunging
- Torque evaluation during bunging
- Touch panel
- Components in stainless steel and acid protection design available
- Protective cabin with lock gates available
- Filling of 50 l to 230 l ISO drums with optional accessories
- Variety of essential accessories

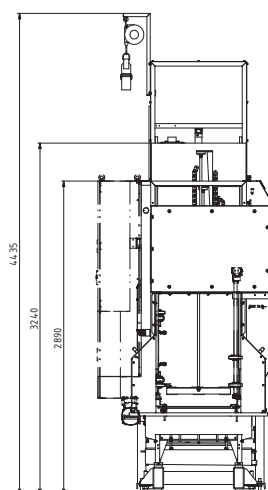
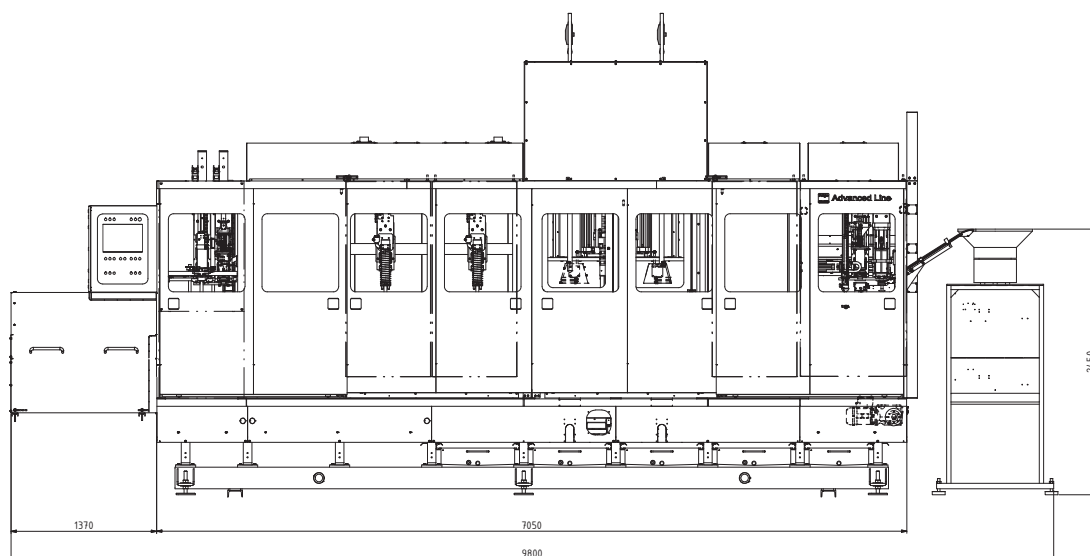


## TECHNICAL DATA

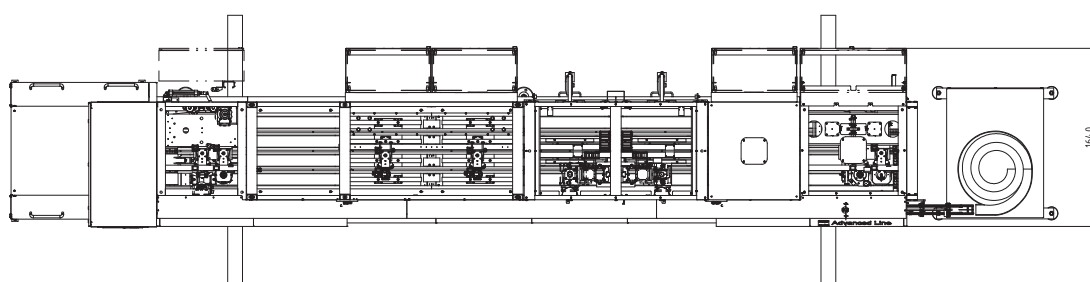
|                            |                         |                        |                                 |  |
|----------------------------|-------------------------|------------------------|---------------------------------|--|
| Below-surface              | 88.1-0-P0               | 88.1-0-A0              | 88.1-0-AZ                       | 88.1-0-AC                                |
| Below-bunghole             | 88.3-0-P0               | 88.3-0-A0              | 88.3-0-AZ                       | 88.3-0-AC                                |
| Working cycle              | positioning/<br>filling | de-bunging/<br>filling | de-bunging/ filling/<br>bunging | de-bunging/ filling/<br>bunging/ sealing |
| Air consumption [NI/cycle] | 300                     | 400                    | 420                             | 440                                      |

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


Conveying height 800mm



## Configuration example

### TECHNICAL DATA

|                                 |  |
|---------------------------------|--|
| ATEX design                     |  II 2G Ex h IIB T3 Gb   |
| Electrical design               | 3x400V/N/PE, 50Hz, 8kVA  |
| Weighing range                  | 10 kg to 300 kg, increment 0.1 kg or<br>10 kg to 300 kg, increment 0.1 kg, to 400 kg, increment 0.2 kg or<br>10 kg to 150 kg, increment 0.05 kg, to 300 kg, increment 0.1 kg |
| External control                | 2x dry contacts or 4-20 mA signal for controlling an on-site pump or a pilot valve for coarse/fine fill  |
| Base height range of adjustment | 540-970 mm, continuously adjustable with automatic height adjustment   |
| Required air pressure           | 5 bars dynamic   |
| Weight                          | approx. 4.400 kg, without accessories  |
| Ambient temperature             | 5-35°C   |
| Product temperature             | 0-130°C  |
| Nominal output                  | up to 120 drums/h for 7l/s in coarse fill  |