



AUTOMATIC PAIL FILLER TYPE RF

The *AdvancedLine* high speed pail filler RF (RapidFiller) fills up to 1200 pails/h with pasty and pumpable liquids. The RapidFiller can be adjusted to your requirements in an optimum way. Combined with mixing, pumping and pail denesting or lid placing and closing as well palletising, the RapidFiller becomes a fully automatic packaging line. All stations are operated via central touch panel. The pump product flow can be distributed by the weighing electronic to four filling units. During filling, the weighing electronic controls the fill speed via opening degree of the filling valve and via frequency converter of the product pump. The product flow is precisely set to 0 towards the end of the filling process. In case of parallel filling of two pails the current weight values are compared to each other. The weigh scale reduces the opening degree of the quicker filling valve step by step and synchronises the filling process until both filling valves simultaneously close. In this way, the fill time is minimised. The filling valves connected to a supply line can also be controlled by the weighing electronic in such a way that a pail can be changed in one station while the pail in another station is filled in coarse fill. Thus, the RapidFiller supplies a constant product flow at all time. The product pump runs continuously with the same rotational speed. Parallel and continuous filling can be combined which enables to control four filling units with high output and constant product flow.

The benefits

- Calibrated high speed filling even for finished packages
- Steady and continuous product supply possible
- No checkweigher required as for volumetric fillers
- Higher accuracy compared to volumetric filling
- Buffer tanks and appropriate cleaning can be omitted
- Product line can be pigged
- Compared to volumetric fillers, considerably lower cleaning work when changing the product



TECHNICAL DATA | DESIGN

Type RF2.5-2-00n

RapidFiller with product flow control and 2 filling units
The filling units are used in parallel
Discontinuous product control
Nominal output up to 1200 pails/h

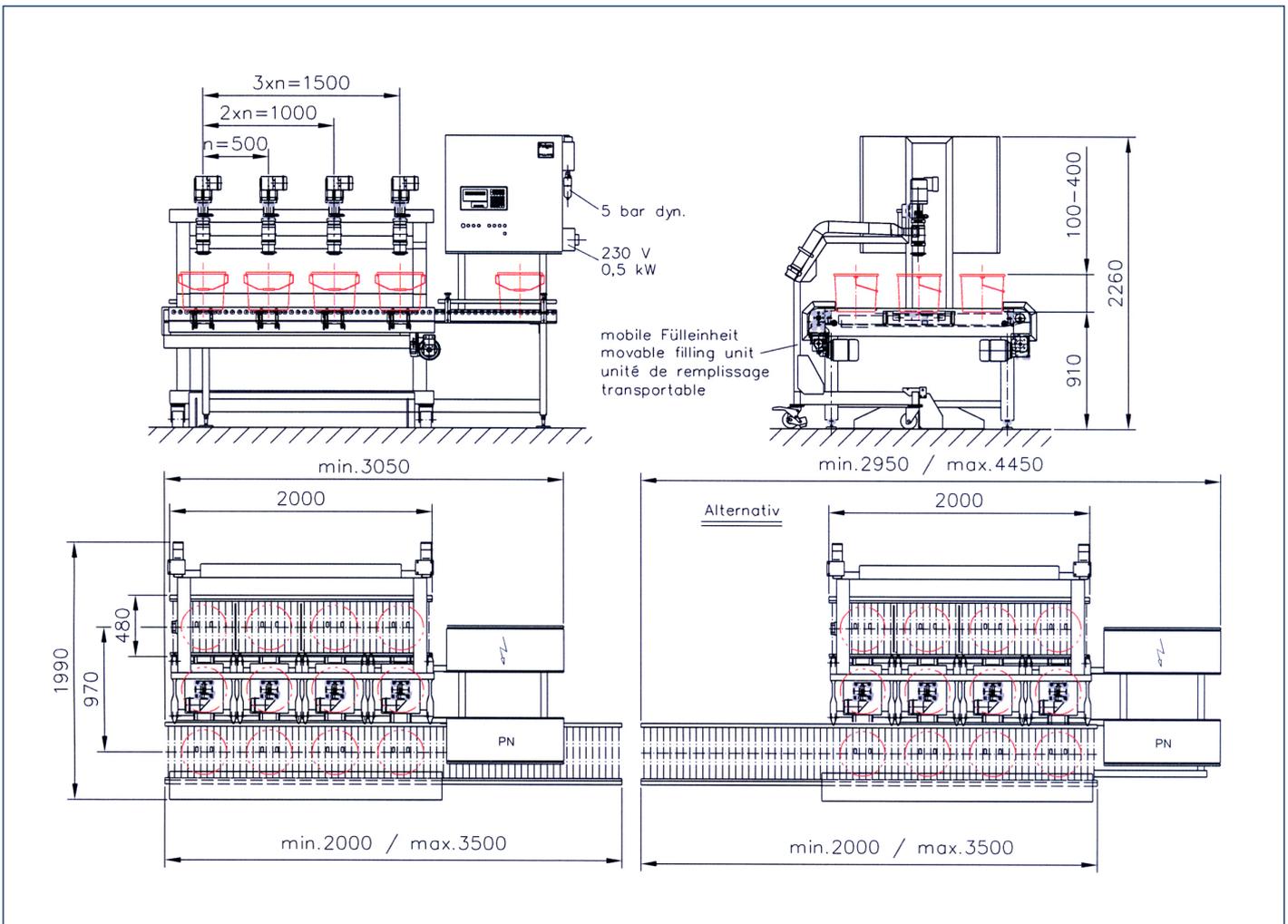
Type RF2.5-C-00n

RapidFiller with product flow control and 2 filling units
Both filling units are used one after the other
Continuous product control
Nominal output up to 800 pails/h

Type RF4.5-C-00n

RapidFiller with product flow control and 4 filling units
2 filling units each are used in parallel and one after the other
Continuous product control
Nominal output up to 1600 pails/h

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TECHNICAL DATA

Electric design	3x400V/N/PE/50Hz input power approx. 5 kVA
Air consumption	450 NI/min
Weight	900 to 1100 kg
Weighing range , approved for verification	2.5 to 30 kg
Pump control	4 to 20mA for customer's product control
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.