

ferrum

CANNING TECHNOLOGY
THE NEW GENERATION FOR THE PERFECT SEAM



+ SWISSMADE

These facts speak for our new generation can seamers:

Seaming cam

The disengageable and quick-set cam serves as basis for an optimized seam setting. The processing of different can and end materials, as well as different material thicknesses is a further advantage.



Infeed table

The combination of hygienic design and decoupling of the transfer chain via a safety clutch allows simultaneous cleaning, maintenance, and format changeover of can filler and can seamer.



Easy Rider

The new seaming roll guarantees a long life-cycle thanks to modern and high-grade materials and seams up to 100 million cans without maintenance work.



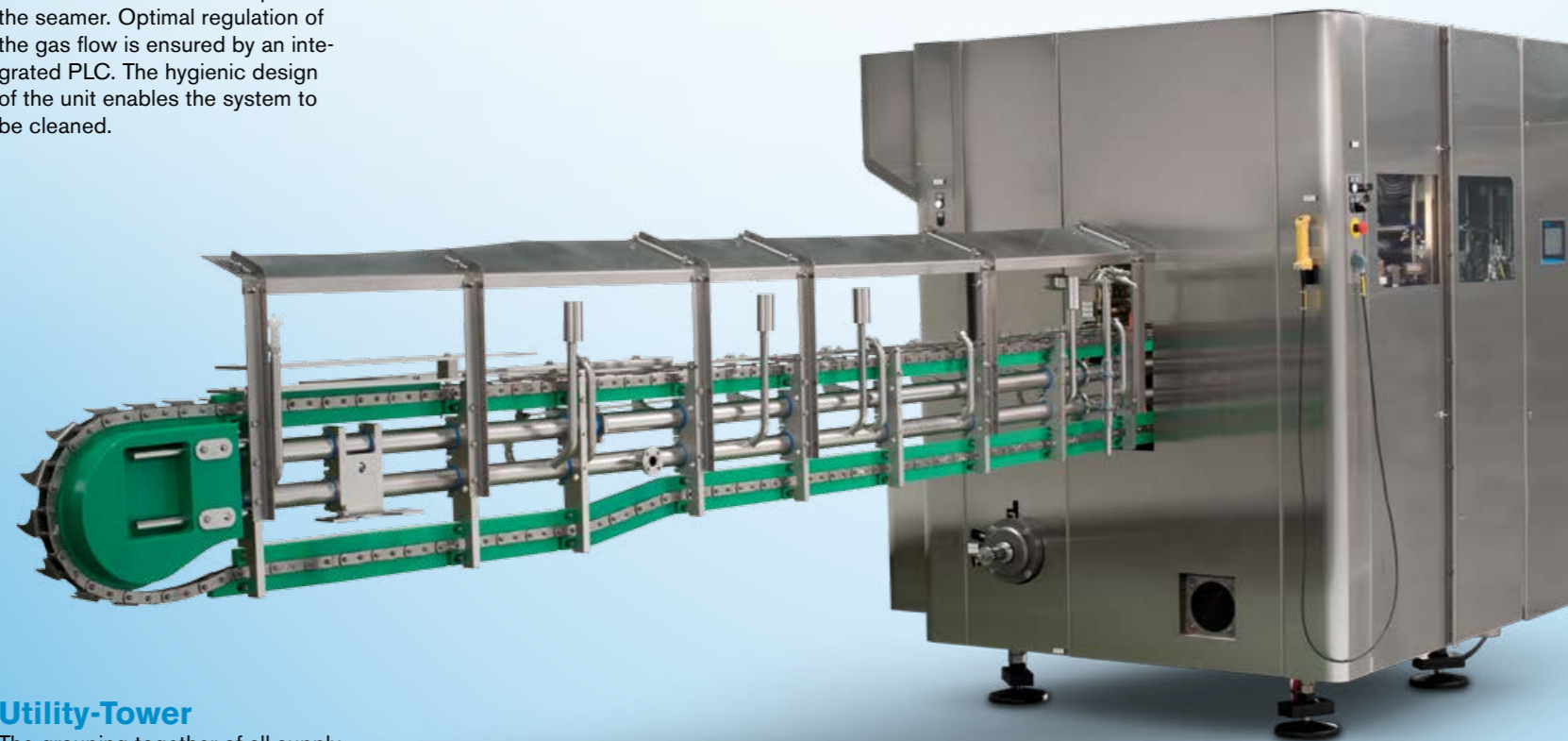
Cleaning

Purging (cold or hot) of critical elements at regular intervals, foam cleaning of parts that touch cans, foam cleaning of the entire seamer interior, disinfection of surfaces and connection to a cleaning center are all possible from a Ferrum can seamer with hygienic design.



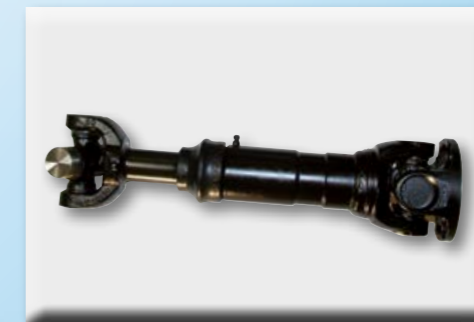
ferruFlow

CO₂ / N₂ headspace gassing through the end feed turret and control of the bubble breaker are carried out relative to the speed of the seamer. Optimal regulation of the gas flow is ensured by an integrated PLC. The hygienic design of the unit enables the system to be cleaned.



Oil distribution unit

For decades this has been standard at Ferrum, and technological benchmark for the industry. Now we have made it even better. The new monitoring system checks the oil flow from all lines and reports malfunctions.



Drive concept

Ferrum has the right solution for your application, whether classic mechanical filler drive, or electronic shaft.



Utility-Tower

The grouping together of all supply units like control technology, pneumatic supply, ferruFlow, and oil system, in one housing simplifies touchscreen control, as well as service and maintenance. The clear separation from the can seaming area simplifies cleaning the seamer and improves the life cycle of the installed supply units.

Safety technology

Can seamer safety is very important to Ferrum. This starts with the casing of integrated safety switches, and ends with a CE-compliant final inspection and installation.



Quick changeover tool

All seamers are ready for quick changeover tools, and the additional colored marking makes the change even simpler.



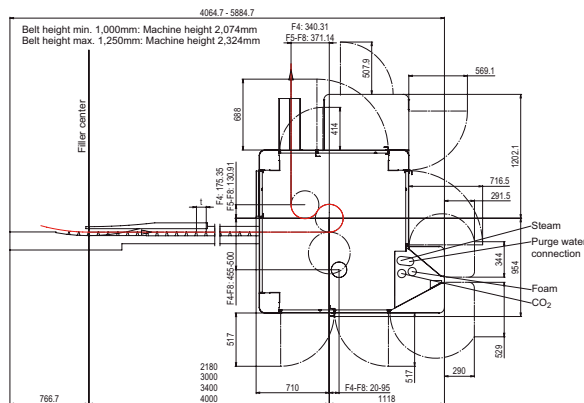
The Technical Data for the New Generation

Facts and Figures

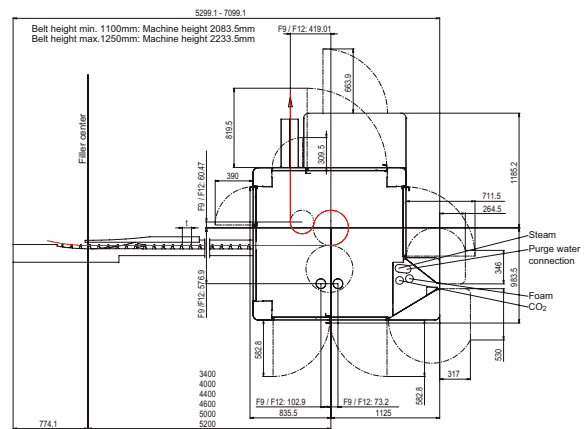
- All three basis machines have exactly the same structure
- Modular height adjustment design, ferruFlow, oil supply, tools, utility tower
- Height adjustment with digital display
- Full-length doors for easy access
- Standardized arrangement of media connections

	Basis machine 1			Basis machine 2			Basis machine 3
	F5	F6	F8	F9	F12-1	F12-2	F18
Use	Food / Beverages	Food / Beverages	Beverages	Food / Beverages > 83 mm	Beverages	Beverages	Beverages
Seaming stations	5	6	8	9	12	12	18
Performance (cpm)	210-625	250-750	330-1000	400-1125	580-1600	580-1750	850-2500
Can height (mm)	28-250	28-250	28-250	50-250	88-212	88-212	88-212
Can diameter (mm)	50-106	50-100	50-73	50-99	50-73	50-73	50-73
Chain pitch (mm)	152.4/161.9/ 171.5	133.4/142.9	95.3/104.8	123.8/133.4	92	92	92
Seaming cam	disengageable	disengageable	disengageable	disengageable	disengageable	disengageable	disengageable quick adjustable
Weight	4100 kg	4100 kg	4100 kg	5100 kg	5100 kg	5100 kg	7300 kg

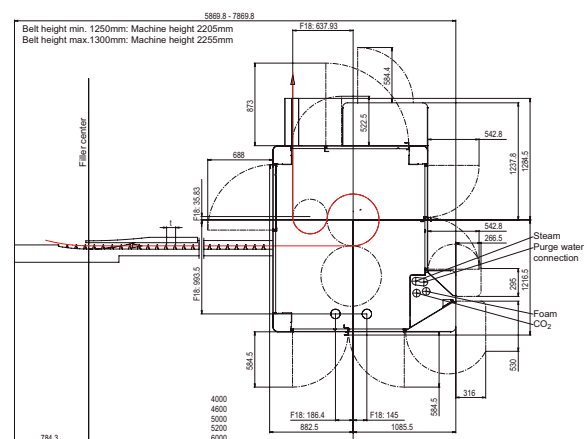
Layout BM1



Layout BM2



Layout BM3



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