



CAN SEAMING MACHINE CSM 800



GERMANN+FREI AG

HIGH PRECISION MACHINES FOR CAN MANUFACTURING

CAN SEAMING MACHINE CSM 800



The can seaming machine CSM 800 was developed for maximum machine availability and efficiency and thus meets the highest requirements of the can making industry. The machine is equipped with 8 heads and is working according to the well proven principle of double seaming. The separately driven base plates and seaming chucks allow the setting of an optimal seaming spindle speed. This means that the cans can be seamed with all common types of ends. The CSM 800 is especially suitable for welded can bodies made of very thin, double-reduced tinplate in quality DR 8. The modular construction of the GERMANN + FREI machines allows a simple connection and synchronizing of partner, necker, spin flanger and beading machine with the can seamer.

Its essential characteristics are the consistently precise seaming operations and the gentle processing of the can, the compact design, the extremely low-vibration and quiet running as well as and the simple handling and safe operation. For further information please see the technical details.



Finest Swiss engineering and application of the latest technology allow quick and easy change-over of tooling.





Customer focus: from the idea to planning and construction with the latest CAD technology ...



... up to high-precision machine production with computer-controlled production systems



Simple operation of the PLC via an HMI touch panel

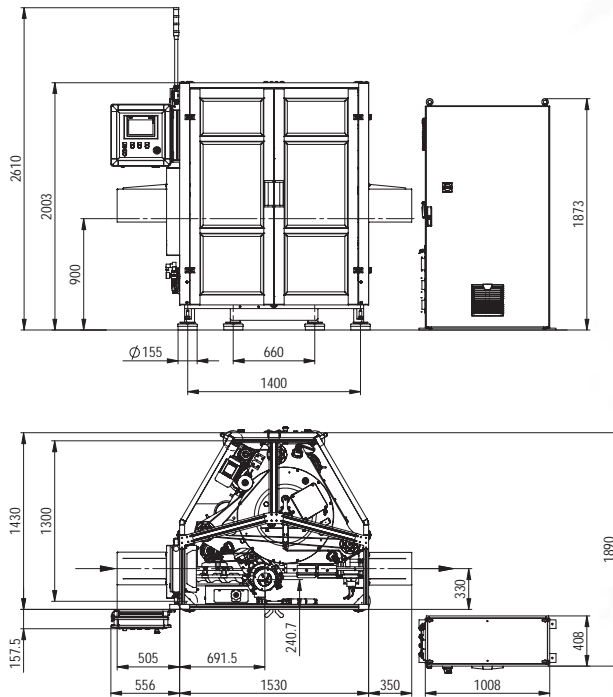
TECHNICAL DETAILS CSM 800

- Separate drive of base plate and seaming chucks allows flexible adjustment of the speed
- High flexibility thanks to automatic height adjustment with memory function
- Excellent accessibility
- Minimal maintenance effort thanks to central oil lubrication system
- Highest efficiency and machine reliability
- Electronic monitored machine functions guarantee safe operation
- Stepless electronic speed control
- Swivelling cam for 2nd seaming operation
- Remote maintenance
- Declaration of CE-conformity for machine and control



STATE OF THE ART DESIGN

**TO ENSURE HIGH PRECISION
MANUFACTURING**



TECHNICAL DATA		CSM 800
diameter range	mm	52-99
number of seaming stations		8
cut body height range	mm	45-215
capacity per minute	cans	200-800
connected load	kW	12,5

subject to alterations

GERMANN+FREI AG
ADVANCED TECHNOLOGY

WITH NEW IDEAS TO INSURE SUCCESS

OPTIMUM CUSTOMER'S BENEFIT THROUGH MODULAR MACHINE DESIGN



*3-piece can line with Necker, combined
Spin Flanger / Beader and Seaming
Machine for up to 800 CPM*

The modular design of the machines from GERMANN + FREI can be combined as desired and covers the entire backend in the manufacturing of 3-piece cans. From parting to can seaming, GERMANN + FREI builds machines that are known for their high reliability and smooth, running. The gentle handling of the cans is valued equally by customers in the milk powder and food industries – highest machine efficiency with easy handling.



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