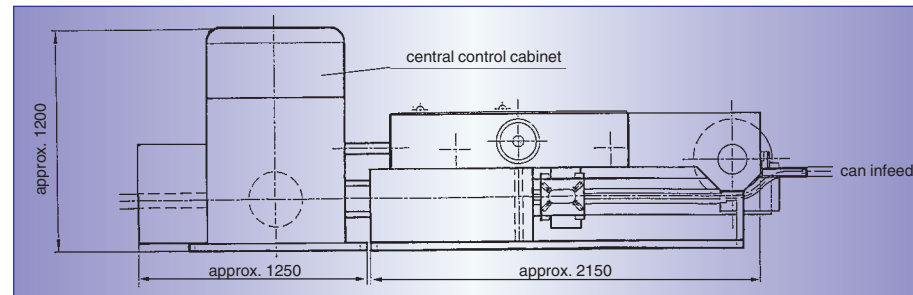


Dimensioned sketch showing the **Automatic Can Closing Machine VA 1-30** with **Continuous Clincher 1-30 CL**.



VA 1-30 Automatic Can Flanging and Seaming Line

for seaming bottoms and tops (with filling hole or spout) to can bodies, with following features:

- squeeze flanging due to the requirements of modern crush seaming technology
- constant tin line design eliminates height adjustment of conveyor systems caused when changing the can height
- changing the can height is made by lowering and lifting the seaming head by motor drive with digital display to reduce the change-over time
- increase of output by reducing the downtimes for change-over and maintenance
- contour tracking controlled by channel cams ensuring accurate seams, even at high seaming speed, since the effects of centrifugal force are eliminated
- oil circulation lubrication via pump in the main gear minimizes wear and tear and thereby ensures long service life of the machine

Subject to technical modification!

Agency:

Further machines of our manufacturing programme for the canning industry:

VA 3-20
3-Spindle Automatic Can Closing Machine for **round** cans, output: up to 250 cpm.

VA 6-20
6-Spindle Automatic Can Closing Machine for **round** cans output: up to 550 cpm.

KFV/KFN 1-70 resp. KFV/KFN 8-70 / KF 8-72
1- resp. 8-Station Pre-Filler resp. Topper for up to 400 cc / can filling volume, to complete our Can Closing Machine VA 1-30, VA 3-20, VA 6-20.

Can Washing Machines

Conveyor Systems
all kinds, tailor-made.

AUTOMATIC CAN CLOSING MACHINE VA 1 - 30



mbt Maschinen- und Metallbau GmbH & Co. KG

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**AUTOMATIC
CAN CLOSING MACHINE
VA 1-30**

for **non-round** cans

The **1-Spindle Automatic Can Closing Machine VA 1-30** is completely made of **stainless steel** and meets all requirements of the food canning and can making industry with regard to sturdy design, closing reliability and easy servicing. Thus, a long service life and easy cleaning of the machine in the food canning industry are guaranteed.

Operation

A pusher transfer system feeds the cans with the ends placed (clinched) on top below the seaming head, where they are closed (crush-seamed) by each two 1st and 2nd operation seaming rollers. While being seamed, the cans are standing still (rotating seaming head). After closing operation, the transfer system takes the closed cans to the downstream handling equipment.

**Change-Over to
Different Can Heights**

Adjusting the machine to another can height is fast and simple. All you need to do is to set the seaming head by pressing the keys "UP" or "DOWN" of the height adjustment. The respective can height is shown on the control panel by digital reading.

**Change-Over to
Different Can Sizes**

Adjusting the machine to another can size requires all size-specific parts to be exchanged. The machine is set up for one specific can size. Change parts can be supplied with the machine or at any later time.

Design Features

- single-head closing machine
- seaming head with a sturdy lever system
- can feed either from the right-hand or left-hand side
- constant tin height, due to height-adjustable seaming head
- motorized seaming head adjustment with digital height display
- centralized grease lubrication system for the machine top part
- oil circulation lubrication in the machine bottom part
- closing speed continuously variable by frequency-controlled drive unit
- soft machine start and stop
- can feed by means of a pusher transfer system

Technical Data VA 1-30

Can diagonal: 55 - 150 mm
 Can height: 15 - 200 mm
 Tin line: 800 - 900 mm
 Output: up to 120 cpm, depending on can size, can and end quality, product filled and head space in the can
 Power: 3 kW, 220/380 V, 50 Hz.



According to mode of application, the **Automatic Closing Machine VA 1-30** can be equipped with different feeding systems for cans and ends. The following information refers to the



**CONTINUOUS CLINCHER
1-30 CL**

for use in the **canning industry**.

The Clincher is equipped with:

- end destacker
- end marker
- pneumatic can stop at inlet
- central lubricating system
- electro-pneumatic control "NO CAN - NO END"

Design Features

- continuous can feed, largely preventing product spillage
- slow positive make-up of can and end, thus no problems with over-filled cans
- completely made of **stainless steel** and other **non-corrosive** materials
- easy maintenance and long service life
- motorized height adjustment of the machine top part, thus easy change-over to different can heights

Technical Data 1-30 CL

Can length: 70 - 160 mm
 Can width: 45 - 120 mm
 Can height: 15 - 150 mm
 Tin line: 800 - 900 mm
 Output: up to 120 cans per minute (acc. VA 1-30)
 Driven by: can closing machine VA 1-30 via a Cardan shaft

