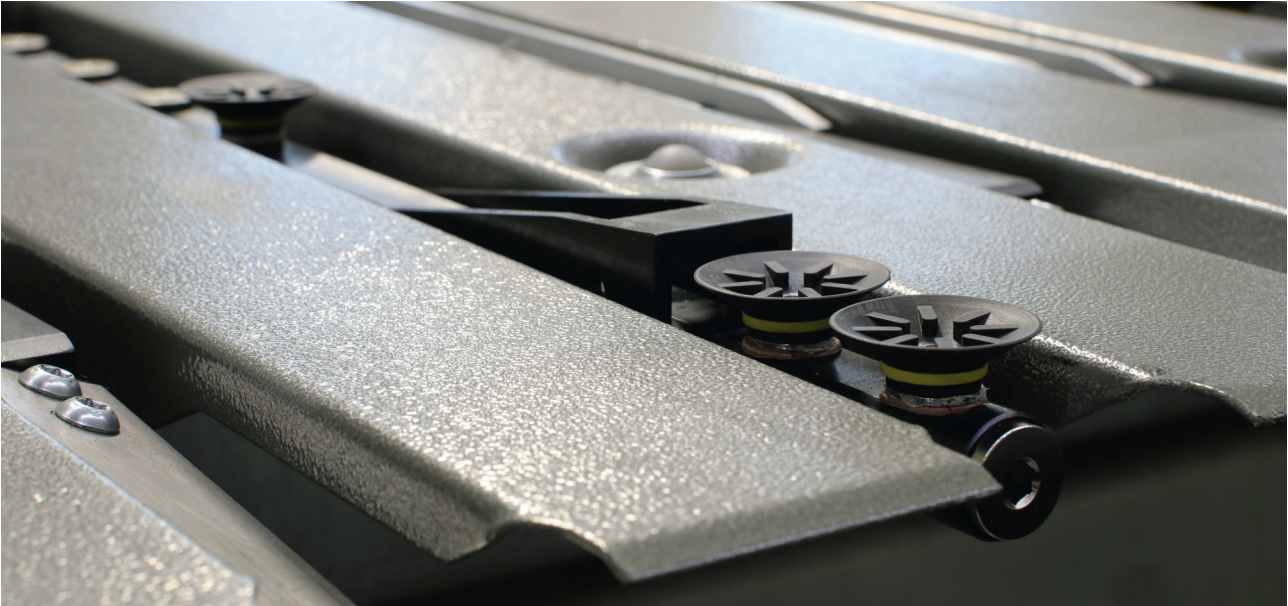


VACUUM GRIPPER



Imagine your folder not only folding but also holding the part, consistently and accurately, throughout the folding sequence or parts of it! That is time you save – what could you do instead? For instance, you could prepare for the next part increasing the output from your machine even more. Another bonus is improved work environment, no pain, no strain, after a full day of work. A third bonus is reduced risks of mistakes – the vacuum grippers deliver the same quality work all day long.

Your folder installed with the vacuum gripper becomes semi-automatic, but possibilities also open up for further automation. A "full-automation-package" would be an up-down folder (the Z-series) combined with vacuum grippers and a robot for feeding new blanks, manipulation of the part on the back gauge, and removing of the ready part.

Our new vacuum gripper system improves your output, quality of work and work environment. Our mission is "Sheet Metal Machinery for Life" and the vacuum gripper will help you reach our mission!



Improved output



Higher automation



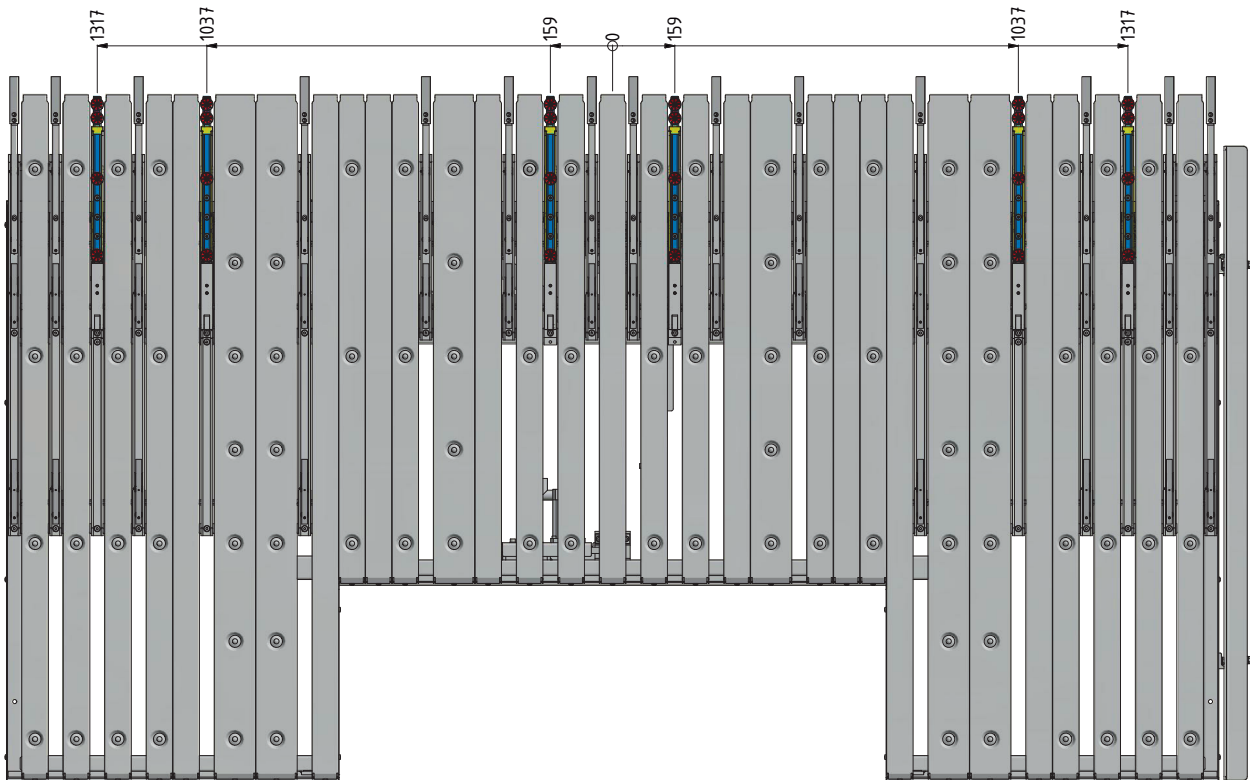
Superior quality of work

VACUUM GRIPPER

Model	Number of vacuum grippers	Number of suction cups	Maximum number of suction cups	Min. gauging mm (")*	Min. gauging mm (")*
	Standard configuration	Standard configuration	Standard configuration	Grippers active	Grippers inactive
FORMA 30	2+2+2	24	42	170 (6.6)	2 (.08)
FORMA 40	3+2+3	32	56	170 (6.6)	2 (.08)
PRO Z 30	2+2+2	24	42	180-230 (7.1-9.0)	2 (.08)**
PRO Z 40	3+2+3	32	56	180-230 (7.1-9.0)	2 (.08)**

* Dimensions for Multifold version of folding machine. For other versions, please contact your local CIDAN representative. ** Valid for spring steel fingers.

VACUUM GRIPPER



The drawing shows the placement of the vacuum gripper stations on a 3-meter (122") back gauge table. Every vacuum gripper is equipped with 4 vacuum suction cups as standard, as option they can be equipped with up to 7 vacuum suction cups. A 3-meter back gauge table is equipped with 14 gauging rails and it is possible to place the vacuum grippers at different locations. It is even possible to expand number of vacuum gripper stations.

The vacuum grippers are controlled in three groups, right, left and intermediate. The vacuum function is integrated in the ProLink control system. A separate foot pedal activates/deactivates the vacuum suction.

- The vacuum gripper stations can be placed almost anywhere on the back gauge. The prerequisite is at least one table pan between every gauging rail and vacuum gripper station.
- Small parts or large parts on the back gauge - same suction power through the cups regardless.
- The vacuum grippers can be shut off and the machine can be run in normal mode.
- Compressor is not included. The air flow requirement for 3m and 4m (161") back gauges are max 540 l/min and max 720 l/min, respectively. The pressure requirement is 5-6 bar.

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