

## AUTOMATIC CAN WELDING MACHINE MARW 60-120

The canbody welding machine MARW 60 - 120 manufactured by GS&T srl is designed for **medium and large tinplate metal containers like cans, pails and small drums**.

The can size produced by this machine are those typical of General Line production, but also some large food cans like for cheese, olives, edible oil, etc. are suitable to be produced on this machine. The main ideas behind this welding machine: **practical and simple operation** which means easy and fast changeover, top accessibility thanks to a simple layout, easy adjustment of main parts like roll former, Z-bar, welding rollers, calibration tools, and pushing shuttle, complete information inside the touch screen control panel with extensive use of symbols, graphics and clear instructions.

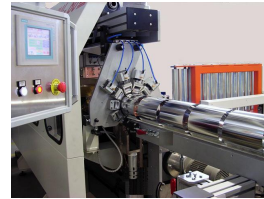
To achieve all this we have implemented a number of new ideas in order to solve the common problems typical of the day-by-day operation on this kind of machines.



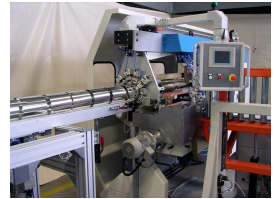
MARW 60



exit conveyor  
and operator panel



calibration tool  
and exit conveyor



back side

A few examples of the important new ideas put into practice in the MARW 60-120:

- **bottom weld operation** which can be adapted to many existing lines, and is also much safer in case of electrostatic powder protection application
- **roll former adjustment by one single point** to guarantee perfect parallelism thus avoiding any possible "conical effect" on blanks
- unique system to **prevent feeder suction cups wear** due to friction of sheet tail
- **transfer shuttle** design without belt or chain, with **no lubrication need**, and very easy and quick to adjust according to change in body length
- very accurate and self-adjusting **welding pressure system** according to welding roller wear (diameter reduction)
- **calibration tool** (for each size), constructed **as one block** and does not need any adjustment after re-assembly on the machine
- **mercury free welding rollers** of the same size (interchangeable) and double life time for lower welding electrode, with new concept.

TECHNICAL DATA DATI TECNICI		MARW - 60	MARW - 120
Bodies diameter <i>Diametri</i>	mm.	min. 150 - max 330	min. 99 - max 330
Bodies height <i>Altezze</i>	mm.	min. 85 - max 500 / 650	min. 85 - max 400
Sheet thickness <i>Spessori</i>	mm.	min. 0,25 - max 0,6	min. 0,18 - max 0,3
Overlap <i>Sovrapposizione</i>	mm.	min. 0,5 - max 1,2	min. 0,4 - max 0,6
Output rate** <i>Produzione</i>	Cpm	max 65	max 120
Welding speed <i>Velocità di saldatura</i>	Mt./1'	min. 5 - max 13 at 50/60 Hz (min. 5 - max 35)*	

\* With TRISTATIC frequency converter

\*\* Max output according to diameter and height - Technical data may change without further notice.