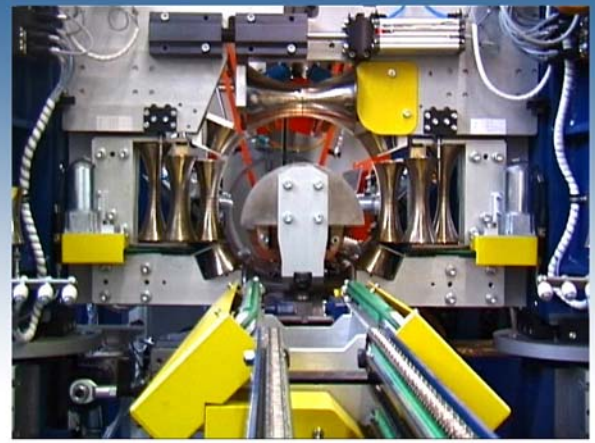




# C.S.A.F. 450M200

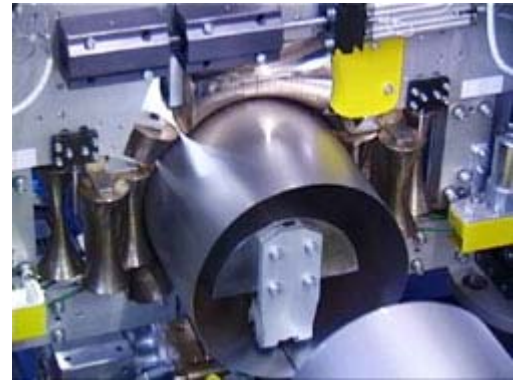


## AUTOMATIC DRUM WELDING MACHINES C.S.A.F. 450M200

The fully automatic drum welding machine type C.S.A.F. 450M200 for the longitudinal welding of steel drums and other metal containers of medium and large size is designed and manufactured by GS&T. Between the main features of this machine are the high output capability, the process reliability, the top quality finish, the user friendly concept design, and the extremely reduced maintenance requirements. All the parameters are automatically updated by simply entering the new production code, like welding pressure and voltage, roll forming radius and speed, etc. This unique machine is able to perform automatically the complete size changeover - including multi-size calibration crowns with hourglass rolls - with no need of any tool or key or manual intervention whatsoever, in less than 2 minutes.



The C.S.A.F. 450M200 is suitable for extremely flexible production of steel drums and pails, when fast and trouble free changeovers are a must in the production schedule. This high output welding machine can be equipped with many optional items to improve process performance and integration to the upstream and down stream equipment. For example, the new TRISTATIC three phase static frequency converter guarantees major energy savings, process flexibility and extended welding possibilities in many different working conditions. Also destacker and feeder systems are available from GS&T, amongst the many options, as well as the infrared Monitor system to control in real time the quality of each single welded drum



TECHNICAL DATA		TYPE OF WELDING MACHINE
		C.S.A.F. 450M200
Bodies diameter	mm.	min. 270 - max 450
Bodies height	mm.	min. 270 - max 850
Sheet Thickness	mm.	min. 0,4 - max 0,8
Overlap	mm.	min. 0,8 - max 1,5
Output rate*	C/h	max 1200
Welding speed	Mt./1'	min. 6 - max 20**
New external electrode rollers	mm.	Ø 300
Worn out electrode roller	mm.	Ø 260
Welding material conditions***		Clean and non oxidated black steel
Machine dimensions	mm.	4.000x1.600x2.800h
Machine weight	Kg.	4.500

\* Depending on steel quality and drum length

\*\* TRISTATIC frequency converter is required for welding speed more than 12 m/min

\*\*\* According to ISO rules. Stainless steel and tinplate drums can also be welded with particular welder settings  
Technical data are subject to modification without further notice