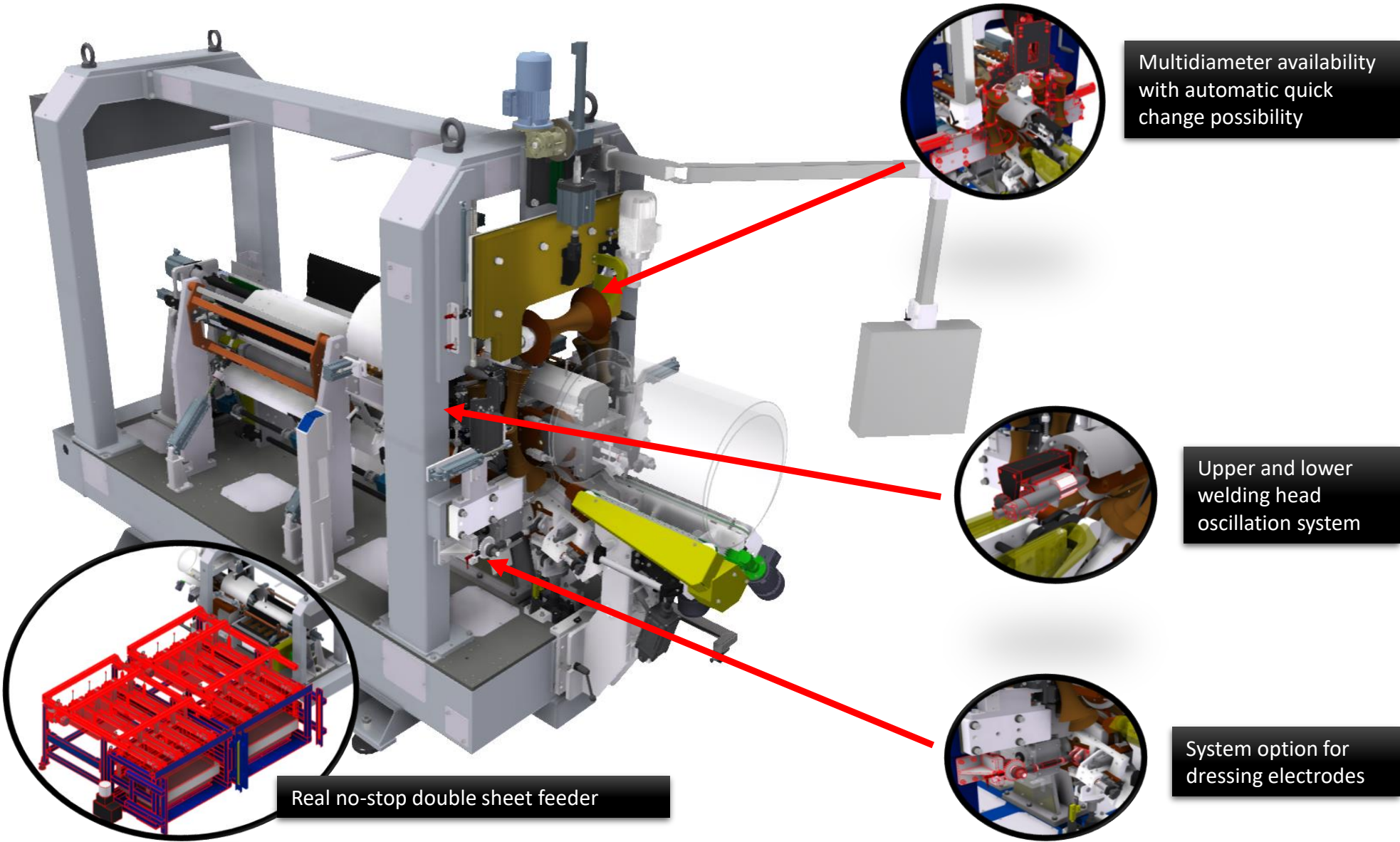




# SEAM WELDERS → FOCUS ON WELDING MACHINE FOR DRUMS AND BOILERS



Multidiameter availability with automatic quick change possibility

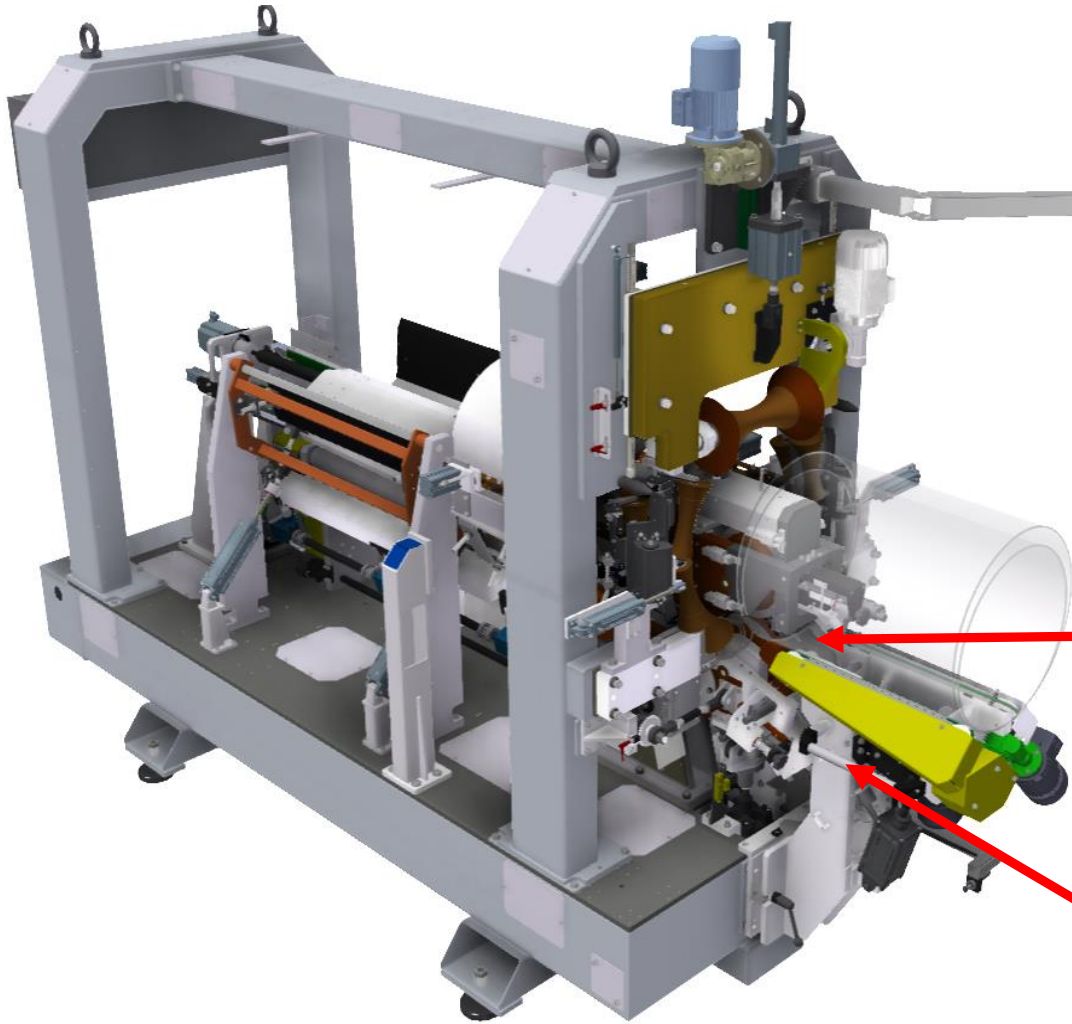
Upper and lower welding head oscillation system

System option for dressing electrodes

Real no-stop double sheet feeder



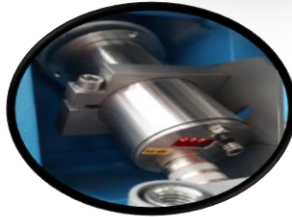
# SEAM WELDERS → FOCUS ON WELDING MACHINE FOR DRUMS AND BOILERS



Control and management of all machine parameters directly from operator panel



Crushing option



IQC Pyrometer option



## SEAM WELDERS → FOCUS ON WELDING MACHINE FOR DRUMS AND BOILERS



Tristatic welding inverter for energy saving, increase in machine cadence and accuracy of the welding seam



Reduced maintenance and easy mechanical accessibility



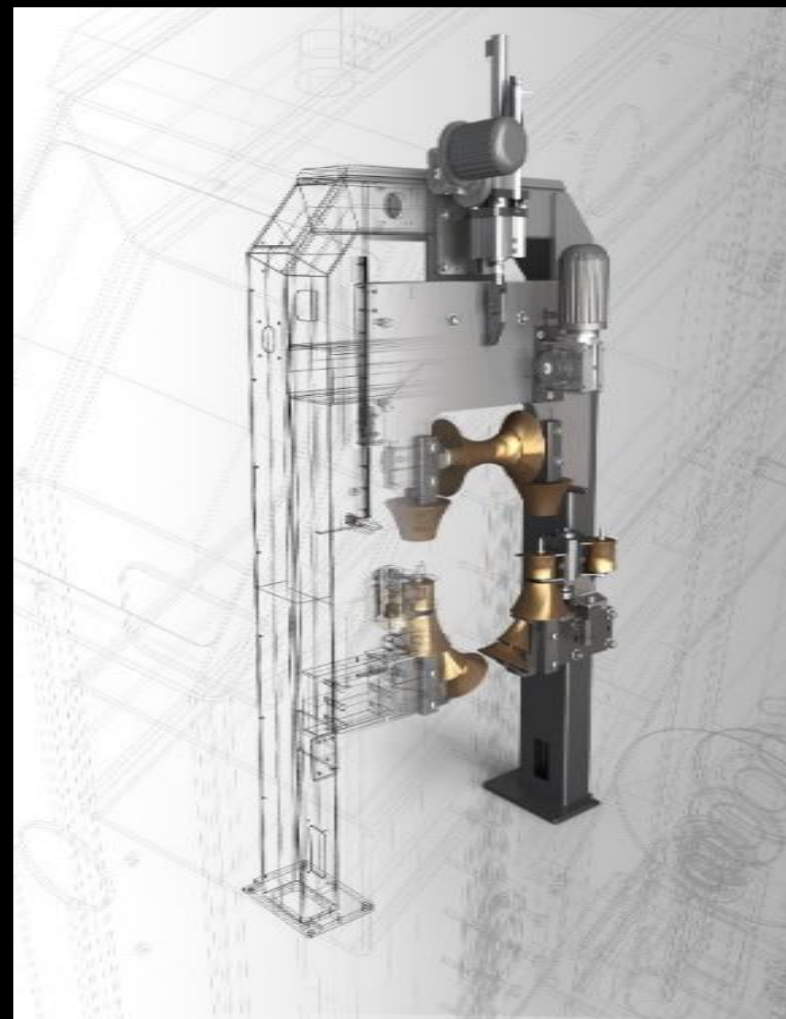
Volumes machine until 900 pz/h



Chiller option ( closed loop )



Anti flash system





## SEAM WELDERS → TECHNICAL DATA

\* With TRISTATIC frequency converter

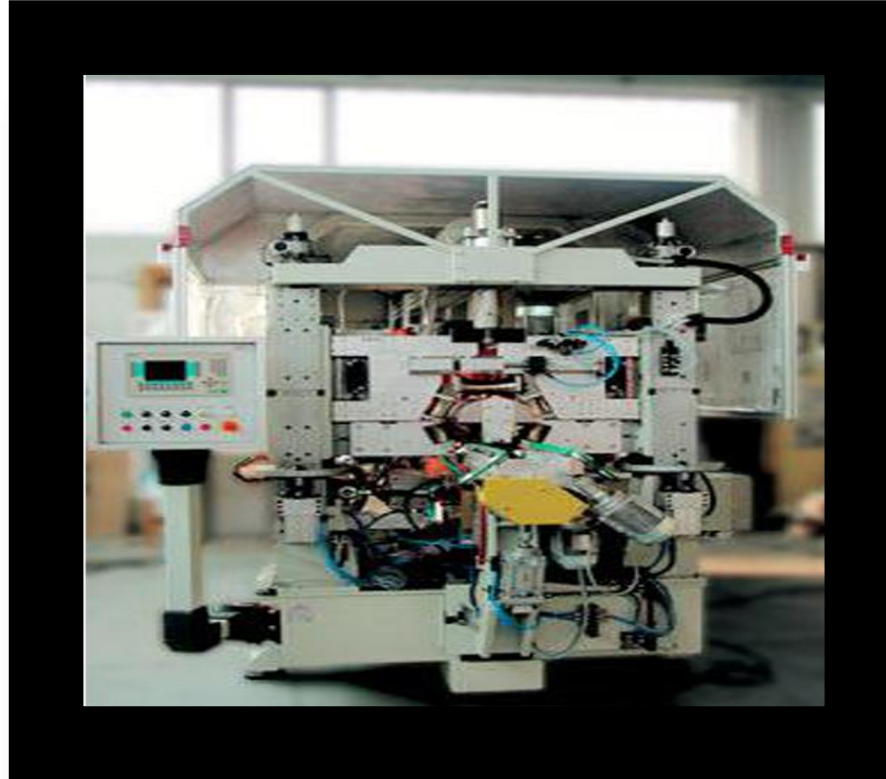
\*\*Stainless and tinplate steel can also be welded with custom setting configurations

*Technical data may change without further notice*

*Solution available on demand*

With TRISTATIC frequency converter

<b>TECHNICAL DATA</b>		<b>WELDING MACHINE TYPE</b>		
		C.S.A.F. 300	C.S.A.F. 600	C.S.A.F. 900
<b>Bodies diameter</b>	mm	min. 375 max 600	min. 450 max 600	min. 450 max 600
<b>Bodies height</b>	mm	400-1100	400-1100	400-1100
<b>Sheet thickness</b>	mm	0.5-1.5	0.7-1.5	0.7-1.2
<b>Overlap</b>	mm	1.2 - 2.5	1.4 - 2.5	1.4 - 2.2
<b>Max output rate *</b>	unit/h	300	600	900
<b>Welding speed</b>	m/1'	6 - 12	6 - 12	9 - 18
<b>Welding material specifications **</b>		Clean and not oxidized black steel		
<b>Dimension</b>	mm	4000x1600x2800		
<b>Welder machine weight</b>	Kg	4500	5000	5000



The automatic water heaters welder type C.S.A.B. for the longitudinal welding of internal body of water heaters and other purpose containers is designed and manufactured by GS&T. This machine features the possibility to roll form the steel body and immediately transfer it to the integrated welding station and weld it. This special resistance welder is fitted with a robust calibration tool set with diablo rollers, suitable for the production of thick material. The open and user friendly concept design, the extremely reduced maintenance requirements are also important details which have been considered in designing the C.S.A.B.



## WATER HEATER WELDER: INTERNAL TANK → TECHNICAL DATA

\* Depending on steel quality and drum length

\*\* According to ISO rules

Technical data are subject to modification without further notice

### TECHNICAL DATA

### C.S.A.B. 150

<b>Bodies diameter</b>	mm	min. 300 max 450
<b>Bodies height</b>	mm	250-1250
<b>Sheet Thickness</b>	mm	max 1,6
<b>Overlap</b>	mm	max 3
<b>Output rate*</b>	Pcs/h	max 300
<b>Welding speed</b>	m/min	min 5 - max 10
<b>New electrode rollers</b>	mm	inside Ø 250 / outside Ø 300
<b>Worn out electrode roller</b>	mm	inside Ø 230 - outside Ø 260
<b>Welding material conditions**</b>		stainless steel clean and non oxidated
<b>Machine dimensions</b>	mm	4000 x 1600 x 2800 h
<b>Machine weight</b>	Kg	5.000