

POLYFUSION SHEET WELDING MACHINES



PRODUCTS OVERVIEW

	POLYFUSION 1 - 25	POLYFUSION 2 - 25	POLYFUSION 2 - 50	POLYFUSION 2 - 100	POLYFUSION 3 - 30	POLYFUSION 3 - 50	POLYFUSION 4 - 30	POLYFUSION 4 - 50
Min. weldable thickness	2 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"	3 mm - 1/8"
Max. weldable thickness ***	25 mm - 1"	25 mm - 1"	50 mm - 2"	100 mm - 4"	30mm-1.18"	50 mm - 2"	30 mm - 1.18"	50 mm - 2"
Max working width ***	1 m - 3.28 ft	2 m - 6.56 ft	2 m - 6.56 ft	2 m - 6.56 ft	3 m - 9.84 ft	3 m - 9.84 ft	4 m - 13.12 ft	4 m - 13.12 ft
Materials	HDPE; PP,	HDPE; PP,	HDPE; PP,	HDPE; PP,	HDPE; PP, PVC **	HDPE; PP, PVC **	HDPE; PP, PVC **	HDPE; PP, PVC **
Twin wall sheets	√	√	√	√	√	√	√	√
Welding line	√	√	√	√	√	√	√	√
Welding 90° (A)*	√	√	√	√	√	√	√	√
Welding circular (A) ** For details contact RITMO S.P.A.	√	-	-	-	min Ø 500 mm	min Ø 700 mm	min Ø 500 mm	min Ø 700 mm
Sheet locking clamps	mechanical manual	mechanical manual	mechanical manual	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Locking 90° sheets	mechanical	mechanical	mechanical	mechanical	pneumatic	pneumatic	pneumatic	pneumatic
Locking circular sheets	manual	-	-	-	kit	kit	kit	kit
Adjusted control panel	√	√	√	√	-	-	-	-
Heating plate lift	mechanical manual	mechanical manual	mechanical manual	mechanical manual	automatic	automatic	automatic	automatic
Welding system	manual hydraulic	manual hydraulic	manual hydraulic	manual hydraulic	CNC	CNC	CNC	CNC
PRE-SET customized welding cycles	-	-	-	-	√	√	√	√
PDF file	-	-	-	-	√	√	√	√
Memory	-	-	-	-	4000 reports	4000 reports	4000 reports	4000 reports
Display	-	-	-	-	LCD	LCD	LCD	LCD

(A) On request

** Contact PLASTRAL

*** The welding dimensions refer to PP / HDPE with welding pressure of 0.17 N / mm²



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