

# LAMBDA

in-line welders

## Nut and Bolt Welding for In-Line Applications

- ▶ Transformers MF 150 and 200 kVA
- ▶ Pneumatic or electrical head drive
- ▶ One or two guided heads with tracking
- ▶ Optional smart electrode



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## Features

Main voltage	V	400 (50Hz)
Secondary Voltage	V	12
DIN throat depth	mm	400
Distance between electrodes	mm	530
Ø electrode upper./lower. (cone 10%)	mm	20 / 19
Ø arms / electrode holders	mm	70 / 35
Stroke Cylinder (Pneum.and Electric)	mm	150
Dimensions - Depth x Height	mm	925 x 2080
Dimensions - Width (1/2 welding heads)	mm	580 / 615



## Order Code

**L 2 1 3 4**

L- Lambda Series  
 2- Lambda body  
 1- Throat depth 400mm

## Transformer

1- 125 kVA - 50/60Hz  
 2- 180 kVA - 50/60Hz  
 3- 150 kVA - 1000Hz  
 4- 200 kVA - 1000Hz  
 5- 2x150 kVA - 1000Hz  
 6- 2x200 kVA - 1000Hz

## Force Unit

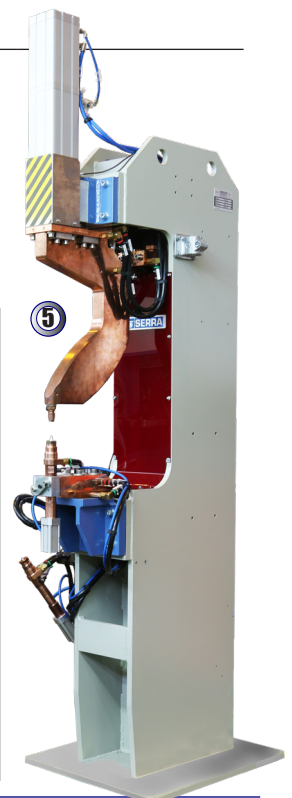
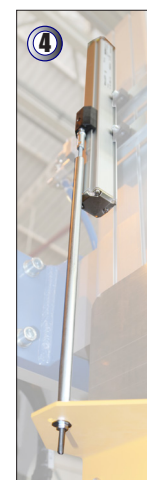
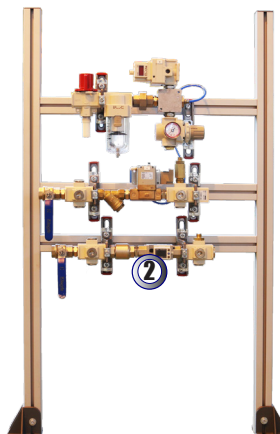
1- 1 x 900 daN- Stroke 100mm  
 2- 2 x 900 daN- Stroke 100mm  
 3- 1 x 900 daN- Stroke 150mm  
 4- 2 x 900 daN- Stroke 150mm  
 5- 1 x 1400 daN- Stroke 100mm  
 6- 2 x 1400 daN- Stroke 100mm  
 7- 1 x 1400 daN- Stroke 150mm  
 8- 2 x 1400 daN- Stroke 150mm  
 9- 1 x Servoelec. 1500daN150mm  
 0- 2 x Servoelec. 1500daN150mm

## Versions

		L2133	L2143	L2134	L2144	L2174	L2184	L2193	L2103	L2194	L2104
Power at 50 % Duty Cycle	kVA	150	150	200	200	200	200	150	150	200	200
Nr of cylindrers / Force at 6 bar	daN	1x 900	2x 900	1x 900	2x 900	1x 1400	2x 1400	1x Elect.	2x Elect.	1x Elect.	2x Elect.
Max. short circuit current ( 5 per.)	kA	26	26	36	36	36	36	26	26	36	36
Air consumption 50mm / 6 bar	NI	5,35	5,35	5,35	5,35	8,40	8,40	-	-	-	-
Cooling water consumption	l/h	960	960	960	960	960	960	1200	1200	1200	1200
Control cabinet MFC (optional)	-	AS-6	AS-6	AS-2	AS-2	AS-2	AS-2	AS-6	AS-6	AS-2	AS-2

## Optionals

- Control cabinet**  
Type AS-6/MFC (150 kVA) or AS-2/MFC (200 kVA)
- RIP panel URN-230/URN-231**  
Pneumatic fluid panel with flowmeter and optional proportional valve.
- Smart electrode for nuts and bolts**  
Detection of presence and proper positioning of bolts and nuts.
- Displacement sensor**  
For detection of double nut (pneumatic type).
- Distance between electrodes 820mm**  
Increasing the standard 530 mm.
- Transformers AC**  
Lambda Models with alternative Current transformers 125 kvA or 180 kVA



SERRA SOLDADURA, S.A.U.

