

SUSPEND SPOT WELDING GUNS SERIES **EMEPI** 4-8-15-23 KVA

Suspended spot welding guns, completely water cooled. Single cooling circuit for the transformer, arms and electrodes. Adjustable working stroke. Distance between the arms 140 mm.

Rotation group allowing easy use of the gun, whatever working direction is required. Can be used for spot by spot or in continuous sequence. All models have the lower arm.

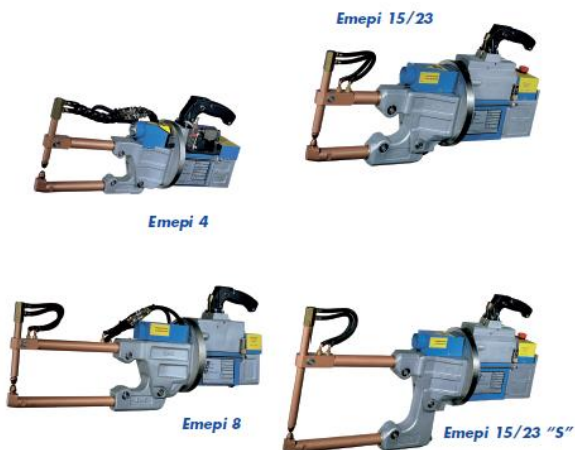
Remote control box type MICROBOX 8 complete with control and power unit.

The control in offers double program and switch in the standard versions. The **EMEPI** "X" shaped standard gun is also offered in the special "S" version. The particular shape of the lower arm holder allows obtaining greater distance between the arms.

The **EMEPI** "C" shaped gun is particularly suitable for the automotive industry.

The mobile arm has a 30 mm approach and a 15 mm squeeze stroke.

A wide range of arms are available upon request.



Balancer

SB13 Kg 10/16 per EMEPI 4
SB28 Kg 22/30 per EMEPI 8
SB45 Kg 40/50 per EMEPI 15/23



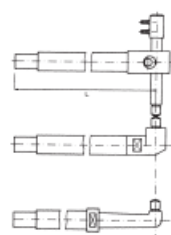
WELDING CONTROL MICROBOX FACILE

TECHNICAL DATA		EMEPI 4	EMEPI 8	EMEPI 15	EMEPI 15'S'	EMEPI 23	EMEPI 23'S'	EMEPI-CI	EMEPI-CI
Nominal power at 50% duty cycle	KVA	4	8	15	15	23	23	15	23
Nominal power supply	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Nominal frequency	Hz	50	50	50	50	50	50	50	50
Secondary tension	V	2.1	2.5	3.2	3.2	3.8	3.8	3.2	3.8
Secondary permanent current	KA	1.6	1.8	2.9	2.9	3.5	3.5	2.9	3.5
Short circuit current	KA	6.4	8.2	12	12	19.5	19.5	12	19.5
Max secondary weld current	KA	4.3	6.4	7.5	7.5	13.2	13.2	7.5	13.2
Intermittence at max weld current	%	4	6	7	7	7	7	7	7
Main supply connecting power	KVA	7	12	17	17	35	35	17	35
Cable dia. Up to 40 m. line	mm ²	4	6	10	10	16	16	10	16
Max electrode pressure at 6 atm (600 KPa)	daN	80	160	280	280	340	340	280	340
Max weld capacity (soft steel, shorts arms)	mm	1+1	2+2	3+3	3+3	4.5+4.5	4.5+4.5	3+3	4.5+4.5
Max weld capacity (cross wires short arms)	ømm	4+4	8+8	12+12	12+12	16+16	16+16	12+12	16+16
Actuation	ELECTROPNEUMATIC								
Cooling	WATER								
Throat gap	mm	100	140	140	220	140	220	-	-
Arms length	mm	100÷300	200÷500	200÷800	200÷800	200÷800	200÷800	-	-
Arms diameter	mm	22	30	32	32	32	32	-	-
Electrode holder lengths and diameter	mm	16	19	19	19	19	19	-	-
Electrode diameter	mm	16	16	16	16	16	16	-	-
Max distance between electrodes	mm	15÷55	15÷55	15÷55	15÷55	15÷55	15÷55	15÷30	15÷30
Air consumption (mc/1000 punti)		0.5	0.7	1.2	1.2	1.6	1.6	1.2	1.6
Water consumption	l/ min	4	4	6	6	6	6	6	6
Compressed air pressure (1bar= 100KPa)	bar	5	5	5	5	5	5	5	5
Dimensions BxLxH	mm	450x265 x280	550x340 x340	680x390 x370	680x460 x370	710x390 x370	710x460 x370	570x390 x370	600x390 x370
Weight	Kg	11.5	21	34	36	40	42	39	45

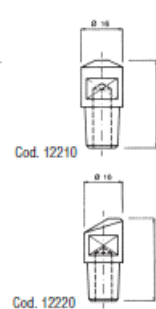
Arms for Suspend Spot Welding Guns

BRACCI DRITTI

EMEPI 4		EMEPI 8		EMEPI 15-23	
L	Cod.	L	Cod.	L	Cod.
100	100200	200	100202	200	100230
	100210		100212		100240
200	100202	300	100204	300	100232
	100212		100214		100242
300	100204	400	100206	400	100234
	100214		100216		100244
		500	100208	500	100236
			100218		100246
				600	100238
					100248
				700	100250
					100252
				800	100254
					100256



ELETTRODI



BRACCI INCLINATI

EMEPI 4		EMEPI 8		EMEPI 15-23	
L	Cod.	L	Cod.	L	Cod.
150	100201	200	100203	200	100231
	100211		100213		100241
200	100203	300	100205	300	100233
	100213		100215		100243
300	100205	400	100207	400	100235
	100215		100217		100245
		500	100209	500	100237
			100219		100247
				600	100239
					100249
				700	100251
					100253
				800	100255
					100257
					100259

