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CEA

RESTECH

made in Italy

SINCE 1950





Z - ZP

ROCKER ARM SPOT WELDERS

ADJUSTABLE ARMS LENGTH

Z and **ZP** series resistance spot welders, versatile, robust and easy-to-use, ensure best welding results on any weldable metal and are the most ideal solution for all spot welding applications.

Z models are supplied mechanically operated pedal, whilst **ZP** are pneumatically operated by electric pedal

Z – ZP lower arm fitted with pressed-in electrode (optional)

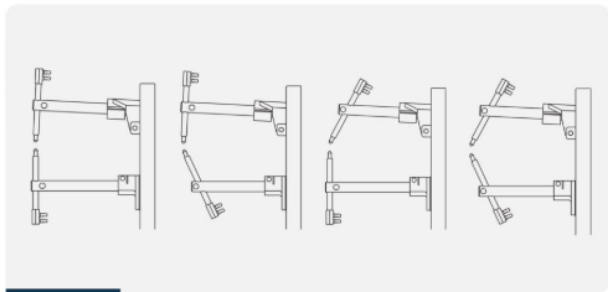
Whenever the lower arm is fitted with a pressed-in electrode, also a long electrodeholder is necessary on the upper arm.



Other characteristics

- Excellent welding on all weldable metals
- Electronic adjustment of the welding current and time
- Synchronous ignition SCR group with phase shift welding current adjustment to eliminate initial transient
- Reduced consumption
- Water cooled arms
- Water cooled copper electrodeholders with adjustable height
- Self-lubricated pneumatic components to eliminate oil deposits and to safeguard the environment from contaminants (ZP)
- High versatility thanks to all different possible work configurations

TECHNICAL FEATURES

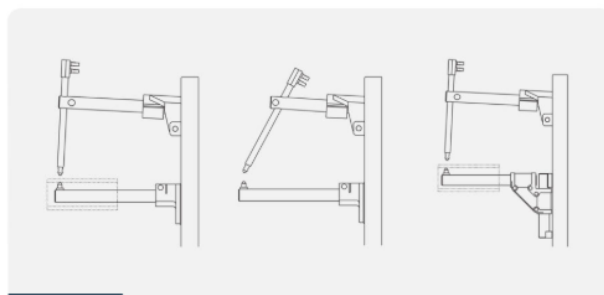


FLEXIBLE PRODUCTION Z-ZP

This is the most suitable solution whenever is required an extreme flexibility.

PRESSED-IN ELECTRODE USE

Perfect solution for narrow spot welding and cylinder.



WS 750 STD

WS 750 is a microprocessor welding control for resistance welding machines with 100 programs/JOBs developed for spot, projection and butt-welding applications. The combination of 3 displays, 6 keys and LEDs allow a user friendly parameterization and configuration.

The LEDs have the function of showing the status of the welding cycle and to set the correct parameters of the welding JOB.

An USB port enables the backup of the welding JOBs, firmware updates and the saving of the welding logbook in Excel format.

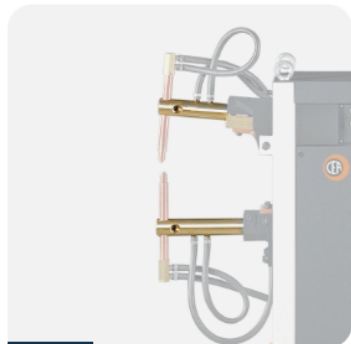
WS 750 is available in 2 different configurations: STANDARD and ADVANCED.

WS 750 in STANDARD version allows to manage the main welding parameters for spot welding applications.

Additionally, the WS 750 ADVANCED allows to measure the welding current which enables the quality control of the cycle by selecting the min./max. current, and to adjust the welding force by using a proportional valve (optional).

Available accessories

DISCOVER ALL AVAILABLE ACCESSORIES



**Z/ZP 18/28: SET OF
ADJUSTABLE LENGTH
ARMS**

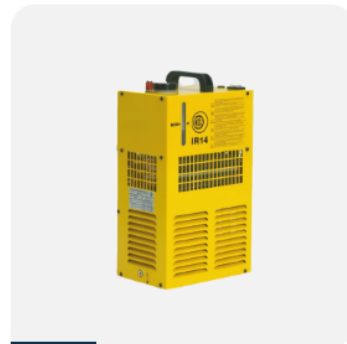
324147



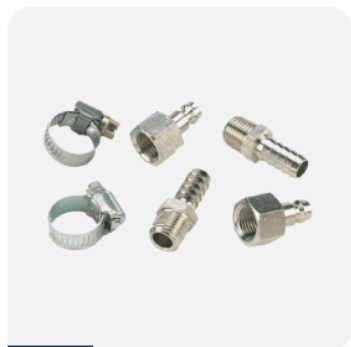
Z/ZP 18/12: LOWER ARM
324380



**Z/ZP 18/28: ADJUSTABLE
LENGTH UPPER ARM**
324155



IR 14 400V
032050



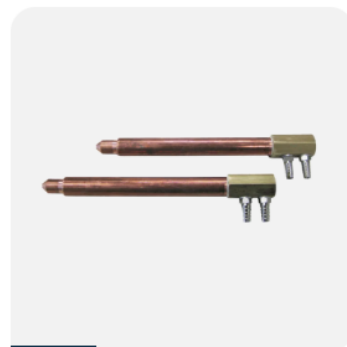
**WATER COOLING
CONNECTION KIT**
460055



**SET OF STANDARD
ELECTRODES-6PCS**
380004



**SET OF STANDARD
ELECTRODES-6PCS**
380005



**Z/ZP 18/28 - K/KP 22/28:
SET ELECTRODEHOLDERS**
268085



**Z/ZP 18/28 - K/KP 22/28:
LONGER
ELECTRODEHOLDER**
268990



**Z/ZP 18/28 - K/KP 22/28:
SET OF PIPE TIPS 65MM**
271231



Z/ZP 18/28: BARHOLDERS
100MM
264400



PEDAL
260021



2 PEDALS

260018



2 STEP PEDAL

260027



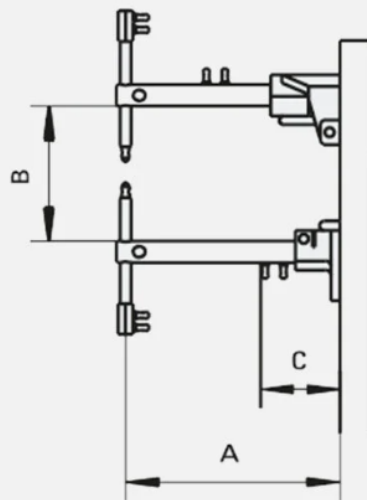
2 DOUBLE STEP PEDALS

260026

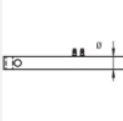
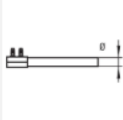
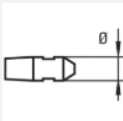
Datasheet

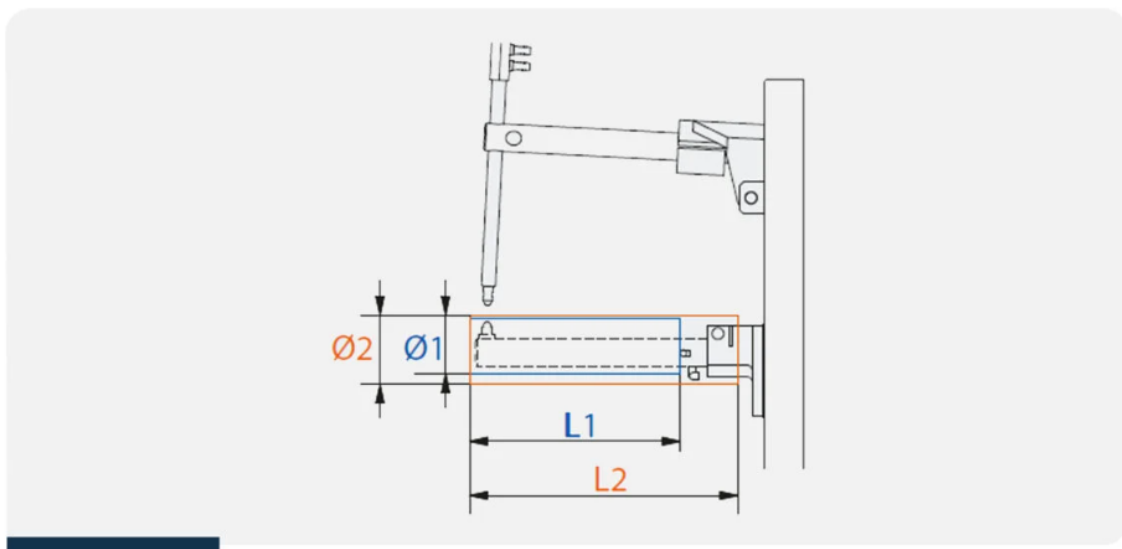
Z - ZP: TECHNICAL FEATURES

TECHNICAL DATA		Z 18 ZP 18	Z 28 ZP 28
Single phase input 50/60 Hz	V	400	400
Nominal maximum power	kVA	15	25
Max. welding power	kVA	23	41,6
Installed power	kVA	11	14
Fuse(delayed action)	A	32	40
Secondary voltage	V	2,6	3,5
Secondary short circuit current	kA	10,2	13,8
Max.welding current	kA	8,2	11
Electrode force at 600kPa (6bar)	da N	300	300
Water consumption at 300kPa(3bar)	l/min	3,8	3,8
Dimensions (LxWxH)	mm	760 x 330 x 1200	760 x 330 x 1200
Weight	kg	104	118



Z – ZP STANDARD VERSION DIMENSIONS

		Z 18 Z18	Z 28 ZP 28
A – MIN	mm	250	250
A – MAX	mm	600	600
B	mm	215	215
C	mm	135	135
	Ømm	40	40
	Ømm	21	21
	Ømm	16	16
		10%	10%



Z – ZP PRESSED-IN ELECTRODE VERSION DIMENSIONS

		Z 18 ZP 18	Z 28 ZP 28
L1	mm	492	492
Ø1 Min	mm	60	60
L2	mm	570	570
Ø2 Min	mm	85	85



WELDING TOGETHER

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