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CEA

RESTECH

made in Italy
SINCE 1950





K - KP

ROCKER ARM SPOT WELDERS

ADJUSTABLE HEIGHT LOWER ARM

K-KP 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. K-KP models

are supplied either mechanical or air operated:

K is mechanically operated pedal

KP is pneumatically operated by electrical pedal.

K – KP lower arm fitted with pressed-in electrode (optional)

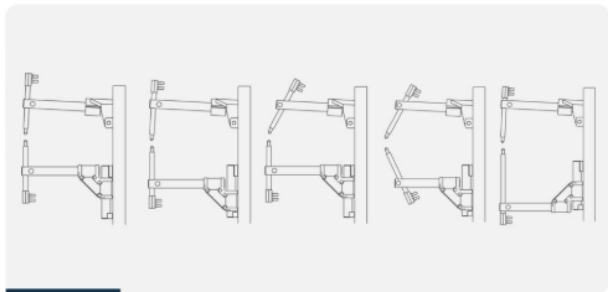
Whenever the lower arm is fitted with a pressed-in electrode, also a long electrodeholder is necessary on the upper arm.



Other characteristics

- Excellent welding on all weldable metals
- Welding current and time electronic adjustments
- 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 (KP)
- High versatility thanks to all different possible work configurations
- Lower arm with adjustable height which can be rotated for use with a longer electrodeholder (Optional K/KP)

TECHNICAL FEATURES

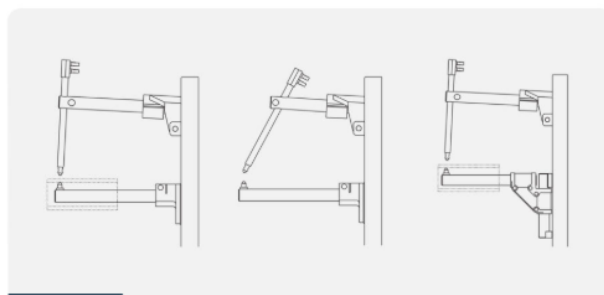


FLEXIBLE PRODUCTION K-KP

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.

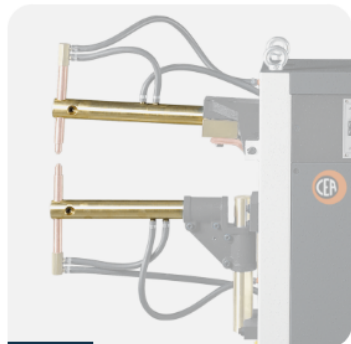
WS 750 is available in 2 different configurations: STANDARD and ADVANCED.

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

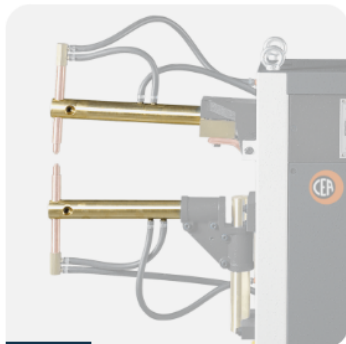
Additionally, the WS 750 ADVANCED allows to measure the welding current which enables the quality control of the cycle by selecting the min./max. current, and to adjust the welding force by using a proportional valve (optional).

Available accessories

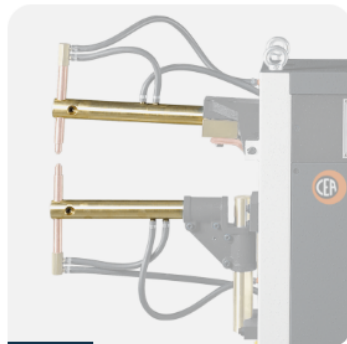
DISCOVER ALL AVAILABLE ACCESSORIES



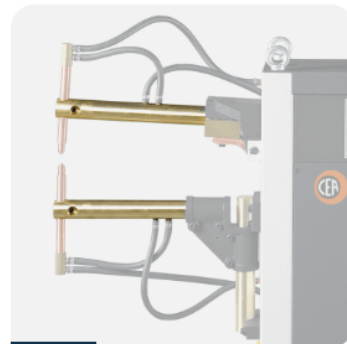
**K/KP22: SET OF ARMS
455MM**
324146



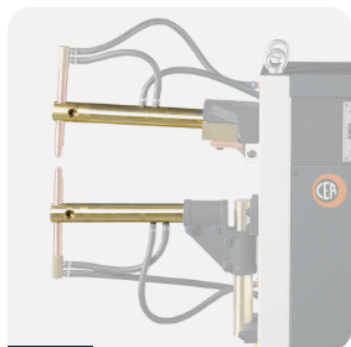
**K/KP 22: SET OF ARMS
600MM**
316806



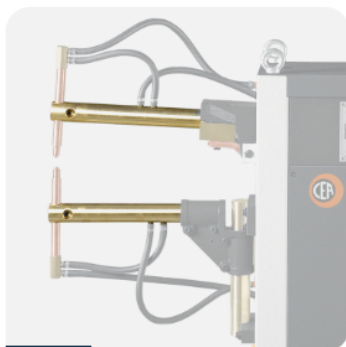
**K/KP 28: SET OF ARMS
455MM**
324072



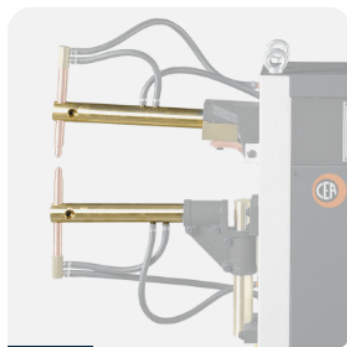
**K/KP 28: SET OF ARMS
800MM**
320406



**K/KP 48: SET OF ARMS
1000MM**
312309



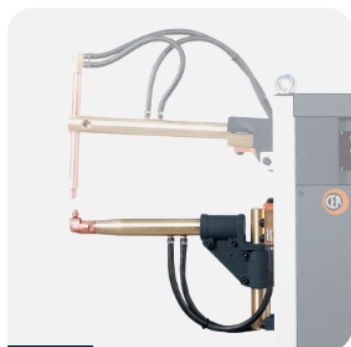
**K/KP 48: SET OF ARMS
490MM**
324058



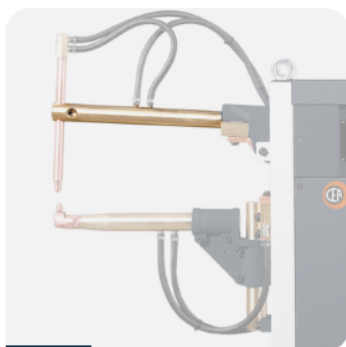
**K/KP 48: SET OF ARMS
700MM**
318506



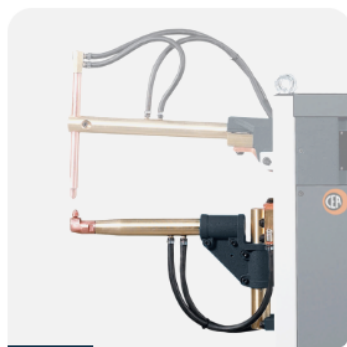
**K/KP 22: UPPER ARM
455MM**
324129



**K/KP 22: PRESSED-IN
ARM 455MM**
324381



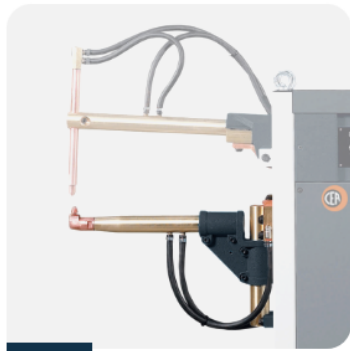
**K/KP 22: UPPER ARM
600MM**
316805



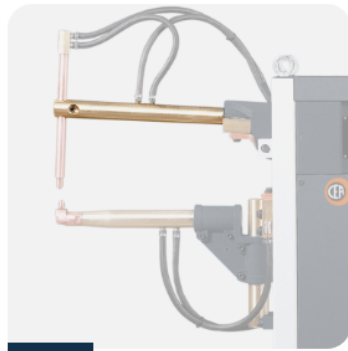
**K/KP 22: PRESSED-IN
ARM 600MM**
324382



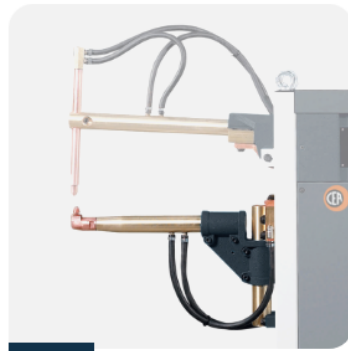
**K/KP 28: UPPER ARM
455MM**
324066



**K/KP 28: PRESSED-IN
ARM 455MM**
324384



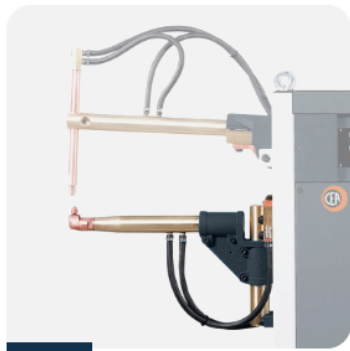
**K/KP 28: UPPER ARM
800MM**
320405



**K/KP 28: PRESSED-IN
ARM 800MM**
324386



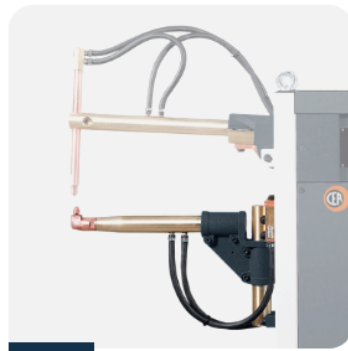
**K/KP 48: UPPER ARM
490MM**
324062



**K/KP 48: PRESSED-IN
ARM 490MM**
324387



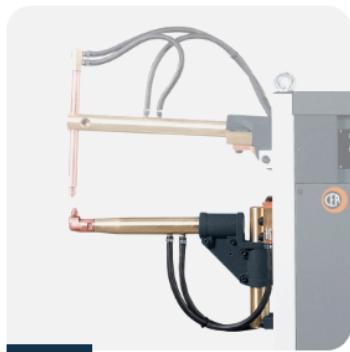
**K/KP 48: UPPER ARM
700MM**
318505



**K/KP 48: PRESSED-IN
ARM 700MM**
324388



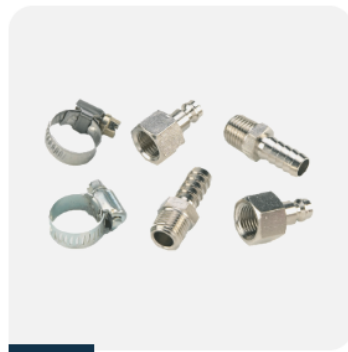
**K/KP 48: UPPER ARM
1000MM**
312305



**K/KP 48: PRESSED-IN
ARM 1000MM**
324389



IR 14 400V
032050



**WATER COOLING
CONNECTION KIT**
460055

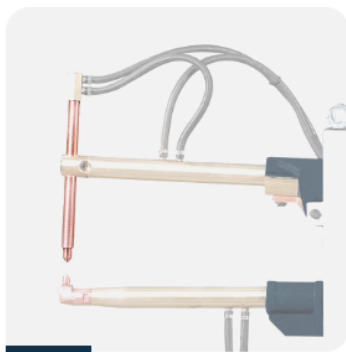


**Z/ZP 18/28 - K/KP 22/28:
SET ELECTRODEHOLDERS**
268085



**K/KP 48 /BSW 50: SET
ELECTRODEHOLDERS**

268090



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

268990



**K/KP 48: LONGER
ELECTRODEHOLDER**

268991



**SET OF STANDARD
ELECTRODES-6PCS**

380004



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

271231



**K/KP 48: SET OF PIPE
TIPS 65MM**

271240



**Z/ZP 18/28: BARHOLDERS
100MM**

264400



**K/KP 48: BARHOLDERS
100MM**

264430



PEDAL

260021



2 PEDALS

260018



2 STEP PEDAL

260027



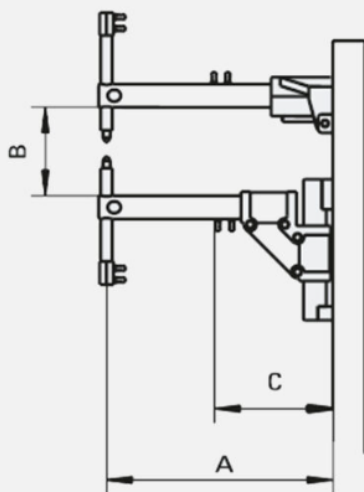
2 DOUBLE STEP PEDALS

260026

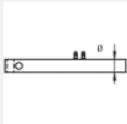
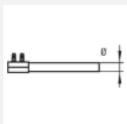
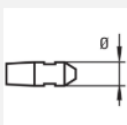
Datasheet

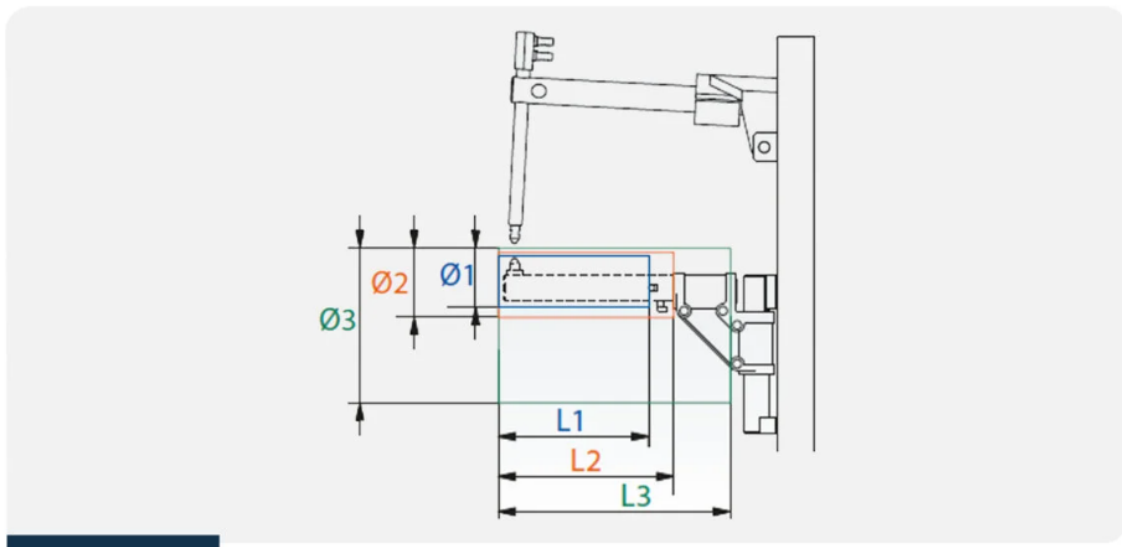
K - KP: TECHNICAL FEATURES

TECHNICAL DATA		K 22 KP 22	K 28 KP 28	K 48 KP 48
Single phase input 50/60 Hz	V	400	400	400
Nominal maximum power	kVA	20	25	45
Max. welding power	kVA	36,5	54,7	75
Installed power	kVA	12	14	24
Fuse (delayed action)	A	25	36	63
Secondary voltage	V	3,5	4,2	5,2
Secondary short circuit current	kA	11,6	14	17,8
Max. welding current	kA	9,3	11,2	14,2
Electrode force at 600kPa (6bar)	da N	180	300	280
Water consumption at 300kPa (3bar)	l/min	3,8	3,8	3,8
Dimensions (LxWxH)	mm	980 x 330 x 1200	980 x 390 x 1250	1020 x 390 x 1250
Weight	kg	120	167	194



K – KP STANDARD VERSION DIMENSIONS

		K 22 KP 22	K 28 KP 28	K 48 KP 48
A	mm	455	455	490
A (Optional)	mm	600	–	700
	mm	–	800	1000
B – MIN	mm	173	168	163
B – MAX	mm	410	443	438
C	mm	255	255	285
	Ø mm	40	45	50
	Ø mm	21	21	25
	Ø mm	16	16	16
		10%	10%	10%



K – KP PRESSED-IN ELECTRODE VERSION DIMENSIONS

		K 22 KP 22	K 22 KP 22	K 28 KP 28	K 28 KP 28	K 48 KP 48	K 48 KP 48	K 48 KP48
A	mm	455	600	455	800	490	700	1000
L1	mm	252	397	252	597	257	467	767
Ø1 Min	mm	60	60	63	63	65	65	65
L2	mm	280	429	289	643	295	505	805
Ø2 Min	mm	85	85	90	90	98	98	98
L3	mm	397	542	402	747	427	637	937
Ø3 Min	mm	180	180	185	185	205	205	205



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