

# Spot-welding equipment

**GYS**

Réf. 019669

## GYSPOT INVERTER BP.LC

The Gyspot INVERTER BP.LC product is a real advance in the field of spot-welding equipment. This machine is the ideal answer to the welding requirements of high strength steels (UHSS/boron steel), with 550 daN electrode arms force at 8 bars and 13 000 Amps welding current. This machine is fully compliant with the European directive 2004/40/EC.

### DESCRIPTION

Ideal clamp for all types of metal works

- Lightweight and easy to handle: Weight : 5 kg
- Clamping force at 8 bars: 550 daN
- Single-sided welding tool with 3 meter cable: spot hammer welding, stud/rivet/ring welding, carbon shrinking
- Accessory box
- Support cable bracket with a telescopic arm
- Control display 6"
- Remote control on the clamp

### PERFORMANCE

- Welding current:
  - High welding current 13 000 A
  - Digital display of the actual current value
  - Sound alert if the welding current is too low
  - Constant current control
- Electrode force:
  - Electrode force control
  - Digital display of the actual electrode arms force
  - Lightweight clamp: Weight 5 kg
  - High clamping force: 550 daN with at 8 bars
  - Liquid-cooled arms up to the tips
  - Sound alert if the actual clamp force is too low

**13 000 A  
550 daN**



Picture non contractual

**Made in FRANCE**

**Homologation by different Car Manufacturers**

### MACHINE INTERFACE

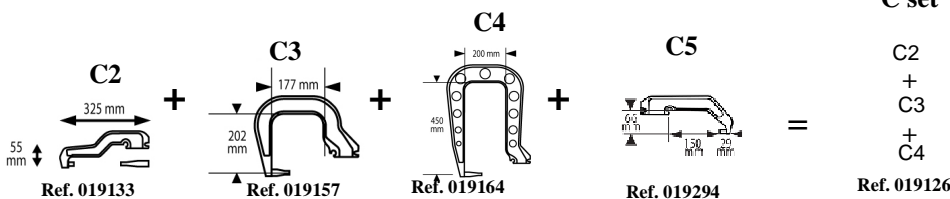
- User friendly: Large display (6"), with intuitive menus
- Easy: Only 2 parameters to be selected (thickness and steel sheet type)
- Saving of user welding parameters



### TRACEABILITY

- Record on SD card of the characteristics of each welding spot performed
- Restoration on any PC of the reports saved on the SD card

### OPTION



### CONSUMABLE

- (x6) Ø 13 Type A Ref. 049987
- (x6) Ø 13 Type F Ref. 049970



50/60Hz	AM	I RMS	mm	U <sub>o</sub>	Câbles		100% Cu	cm	kg
	A	A		V	LIQUID COOLED	L	Ømm <sup>2</sup>		
3x400	32 (D)	13 000	3+3 +3	1,5+3	16	• 2,5m	200	•	65x80 x205
						• 3m	150		
						• 8m	4x6 H07RNF		

CE NORMES EUROPÉENNES - EUROPEAN STANDARDS  
EUROPÄISCHE NORM - NORMAS EUROPEAS  
EUROPESE NORM  
NF EN 50063

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# GYSPT INVERTER BP-LC : Intuitive Menus

	<h3>STANDARD MODE</h3>
	<h3>MULTISHEET MODE</h3>
	<h3>MANUAL MODE</h3>
	<h3>SAVING OF WELDING PARAMETERS AND TRACEABILITY</h3>

### STANDARD MODE

1. **Tool selection** : C-clamp, or single sided gun.
2. **Sheet thickness** : can be adjusted using ( + ) and ( - ) keys.
3. **Type of steel** : STEEL, HSS, UHSS or BORON.
4. **Arm length** : in order to automatically adjust clamping force.

### MULTISHEET MODE

The machine calculates the correct welding parameters for the selected assembly (2 or 3 sheets).

For each sheet, specify :

1. Thickness
2. Type of steel

### MANUAL MODE

Manual adjustment of the welding parameters :

1. Welding current
2. Welding time
3. Clamping force
4. Type of arm

### SAVING OF WELDING PARAMETERS AND TRACEABILITY

1. **REPORTING** : Record on SD card of the characteristics of each welding spot performed, and restoration on any PC.

2. **MEMORY** : saving of user welding parameters on SD card.