

Spot-welding equipment

GYS

Réf. 019614

GYSPOT INVERTER PTI Evolution

The Gyspot PTI Evolution product is a real advance in the field of spot-welding equipment, with a C-clamp that integrates the latest technologies. This machine is the ideal answer to the welding requirements of high strength steels (UHSS/boron). This inverter technology machine also brings a solution to limited power supply issues, as it can operate with 16 Amps to 25 Amps fuses power supply. The clamping force can reach 550 daN with 8 bars air pressure, and the welding current can reach 14 500Amps.

INNOVATION

- Liquid cooled medium frequency transformer integrated in the clamp
- Lower electricity consumption (40% less than cable machine)
- Operating with only 16 Amps delayed fuses power supply
- High duty factor

DESCRIPTION

- Ideal C clamp for all types of metal works
- Lightweight and easy to handle : Weight 12 kg
- Support cable bracket with a telescopic arm
- Control display 6"
- Remote control on the clamp

PERFORMANCE

- Welding current :
 - High welding current 14 500 A
 - Digital display of the actual current value
 - Sound alert if the welding current is too low
 - Constant current control
 - Low electrical consumption
- Electrode force :
 - Electrode force control
 - Digital display of the actual electrode arms force
 - 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

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

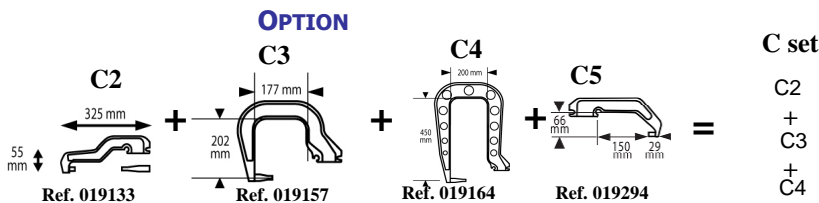
- Record on SD card of the characteristics of each welding spot performed
- Restoration on any PC of the reports saved on the SD card

**14 500 A
550 daN**



Picture non contractual

Made in FRANCE



CONSUMABLE

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



50/60Hz	FAM	RMS	mm	U ₀	Câbles	100% Cu	cm	kg
3~400	A	A	3+3+3	1,5+3	LIQUID COOLED	•	60x80 X230	100
	25 (D)	14 500		16	4M/6M	NC		
					2M	200		
					6M	4x4 H07RNF		

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

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GYSPT PTI Evolution : Intuitive Menus

	<p>STANDARD MODE</p> <ol style="list-style-type: none"> 1. Tool selection : C clamp 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.
	<p>MULTISHEET MODE</p> <p>The machine calculates the correct welding parameters for the selected assembly (2 or 3 sheets).</p> <p>For each sheet, specify :</p> <ol style="list-style-type: none"> 1. Thickness 2. Type of steel
	<p>MANUAL MODE</p> <p>Manual adjustment of the welding parameters :</p> <ol style="list-style-type: none"> 1. Welding current 2. Welding time 3. Electrode force 4. Type of arm
	<p>SAVING OF WELDING PARAMETERS AND TRACEABILITY</p> <ol style="list-style-type: none"> 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.