

# CARPULSE 320-T3

## MIG/MAG INVERTER DOUBLE PULSE

Ref. 071209 - 400 V - 3φ



CARPULSE 320-T3 is a digital MIG/MAG double pulse generator with 3 integrated wire feeders. It is an extremely advanced machine with 57 synergic curves providing an exceptional arc quality. Versatile, it will hold 3 different torches to weld steel, aluminium and brazing (CuSi3/CuAl8). The user friendly interface and the very precise wire feed make the quality of the weld on very thin sheets outstanding.

### MIG/MAG OPTIMISED SETTINGS

- **Welding processes** : Standard, Pulse, Pulse in Pulse, and Manual.
- **Trigger activation modes** : 2T, 4T, SPOT, DELAY and TACK function.
- **Precise control over the welding cycle** : CreepSpeed, Softstart, Hotstart, Upslope, Downslope, Crater Filler, Postgaz, etc.
- **MIG/MAG welding** :
  - steel wire Ø 0.8 / 1.0 mm
  - stainless steel wire Ø 0.8 / 1.0 mm
  - aluminium wire Ø 0.8 / 1.0 / 1.2 mm
- **Brazing mode** :
  - wire CuSi and CuAl Ø 0.8 / 1.0 mm

### SIMPLIFIED WELDING

- The **57 synergic curves** guarantee an outstanding weld using a large range of materials, wire sizes and gases.
- The **integral synergic mode** determines automatically the best welding settings but also allow the user to adjust them (wire feed speed, voltage, current, self).

### MAXIMUM PRODUCTIVITY

- **4 microprocessors** increase the calculation speed and general machine efficiency.
- **Very high arc voltage** guarantee an easy arcing and an exceptional arc performance on all types of metals.
- **3 electronically** regulated wire feeders fitted with 4 drive rolls each.
- Will hold up to 3 wire reels of 200mm diameter.
- **Automatic detection of the torches** when the trigger is pressed.
- Over hanging torch support (x3) and welding helmet.
- Compatible with Push Pull torches (24 V).
- Compatible with Spool Guns and ideal for aluminium soft wire (AlSi5 / AlSi12).

### USER FRIENDLY INTERFACE

- **New and simplified interface** designed specifically for use by bodyshop staff.
- **Colour screen XL** to set and control the welding cycle very precisely.
- 2 scroll wheels and 4 buttons to easily navigate through the different menus.
- **Complete update** of the machine and its programs through a simple USB stick.
- Storage available for up to **500 welding programs** for repetitive jobs.

### ROBUST AND MOBILE

- Reinforced casing.
- IP23 protection rated.
- Low base suitable for 2 gas bottles (2x4m3).

### ACCESSORIES (OPTIONS)



Torch Push Pull

046283	4 m	3 kg	220 A (20%)	☺ 0.8 → 1.2
048713	6 m	4 kg		



Torch Spool Gun

041486	4 m	3 kg	150 A (60%)	☺ 0.6 → 1.0
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Box of contact tips  
MB15 / MB25 - 250 A  
037458



Delivered with 3 torches (250 A - 3 m) :

- MIG/MAG torch (Ø 1.0)
- MIG/MAG torch (Ø 0.8)
- ALU torch (Ø 1.2)

+ over hanging torch support included



3 levels of customer interface :

- **EASY** (simplified module)
- **EXPERT** (complete module)
- **AVANCÉ** (specific applications)

							équipé d'origine / original equipment / originalausstattung / equipamiento de fabrica	EN 60974-1 (40°C)	U <sub>o</sub>					
50/60 Hz	A	min → max	Ø mm	Ø mm	Electronic Control	m/min		X (40°C)	V	cm	kg	IP	Protected & compatible power generator (+/-15%)	
400 V 3~	16	15 → 320	0.8 → 1.2	200		0.5 → 20		1.0 1.2	260 A @ 60% 240 A @ 100%	85	90 x 63 x 92.5	82.5	IP 23	24 kVA