

The GALAXY 320T is a professional multi-process power source for all MIG/MAG, TIG and MMA welding applications. The MIG/MAG pulse mode delivers very precise welding energy control, which reduces deformation of the workpieces being welded. Pulse synergy increases welding speeds and reduces spatter, while also improving the aesthetics of the weld bead. Perfect for welding light-gauge aluminium and stainless steel, the GALAXY 320T is a state-of-the-art workshop solution for a smooth, touch-up-free weld.

## MULTI-PROCESS

A power source for all manual welding applications:

### ■ Pulse MIG/MAG:

- steel and stainless steel wire: Ø 0.6 to 1.0 mm
- aluminium wire: Ø 0.8 to 1.2 mm
- flux-cored wire (reverse polarity): Ø 0.9 to 1.6 mm

### ■ MMA DC / Pulse: basic and rutile electrodes.

### ■ TIG DC Lift / Pulse.

## PREMIUM MIG/MAG WELDING

### ■ 4 welding modes:

- Standard: ideal for fast, simple welding applications.
- Pulse: reduces spatter and touch-ups in all welding positions.
- ModulArc: ideal for assembling aluminium alloys that require flawless appearance.
- Manual: designed for experienced welders and DMOS applications.

### ■ Digital arc control with instant ignition and no cratering at the end of the bead.

### ■ Pulse arc allows welding speeds up to 30% higher.

### ■ 4-roller motorised wire feeder with digital encoder for perfect wire feed.

## INTELLIGENT

### ■ +40 synergies for various materials: Steel, AlMg, AlSi, CrNi, CuSi.

### ■ New and intuitive, multilingual 3.5" HMI.

### ■ Full machine and synergy updates via USB stick.

### ■ Job memory for up to 200 welding programs for recurring tasks.

### ■ Portability function: user JOBS and machine configurations can be loaded/saved/transported using a USB stick.

### ■ Traceability of all weld beads in accordance with EN 3834.

### ■ Calibration mode for welding accessories in order to set the voltage displayed.

### ■ User mode for multiple users to share the unit.

### ■ Free online tool for interface customisation.

## ERGONOMIC

### ■ Reinforced wheels for stability and manoeuvrability.

### ■ Gas bottle holder for up to 4 m<sup>3</sup> (20 L).

### ■ IP23S rated to handle tough working environments.

### ■ Storage compartment.

### ■ Easy polarity change on the front panel.

### ■ Led lighting on wire feeder and spool.

### ■ Viewing window for monitoring filler wire consumption.



Supplied with



MB36 - 4 m



4 m - 50 mm<sup>2</sup>



### ■ 2 display modes:

- Easy, streamlined interface for welders of all levels - no in-depth training required.
- Expert, interface designed specifically for experienced welders, with the option to set every parameter of the welding cycle.

## ACCESSORIES (optional)



Aluminium  
350 A  
3 m  
063808



MB36 torch  
accessory kit  
041417

Type B rollers

|                         |                 |    |        |
|-------------------------|-----------------|----|--------|
| Steel / Stainless steel | Ø 0.6 / 0.8     | x2 | 042353 |
|                         | Ø 0.8 / 1.0     |    | 042360 |
|                         | Ø 1.0 / 1.2     |    | 046849 |
| Aluminium               | Ø 0.8 / 1.0     |    | 042377 |
|                         | Ø 1.0 / 1.2     |    | 040915 |
| Flux-cored wire         | Ø 0.9-1.0 / 1.2 |    | 042407 |

|  |  | I <sub>2</sub><br>MIG | I <sub>2</sub><br>MMA | I <sub>2</sub><br>TIG |  ømm |                    |  ømm |     |  ø mm |          |  | Original<br>rollers                                                                   | EN 60974-1 (40°C) |       |       |       |       |       | U <sub>0</sub> |  |  | IP    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-------|-------|-------|-------|-------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
| 50/60 Hz                                                                          | A                                                                                  | A                     | A                     | A                     | Gas                                                                                     | Flux-cored<br>wire | 200                                                                                     | 300 | ø mm                                                                                     | Electronic<br>control                                                                       | m/min                                                                               |  B | MIG-MAG           |       | MMA   |       | TIG   |       | V              | cm                                                                                  | kg                                                                                  |       |
|                                                                                   |                                                                                    |                       |                       |                       |                                                                                         |                    |                                                                                         |     |                                                                                          |                                                                                             |                                                                                     |                                                                                       |                   |       |       |       |       |       |                |                                                                                     |                                                                                     |       |
| 400 V<br>3~                                                                       | 16                                                                                 | 10 → 320              | 20 → 320              | 10 → 320              | 0.6 → 1.2                                                                               | 0.9 → 1.6          | ✓                                                                                       | ✓   | 1.6 → 5                                                                                  | <br>50 W | 1 → 20                                                                              | 1.0<br>1.2                                                                            | 260 A             | 220 A | 240 A | 200 A | 270 A | 250 A | 69             | 75 x 45<br>x 80                                                                     | 46                                                                                  | IP23S |