

MIG/MAG equipment

Semi-automats



Origo™ Mig 400t/500t

The Origo™ Mig 400t and 500t are thyristor power sources for MIG/MAG welding. They are designed for heavy-duty applications. The units are available as water- or air-cooled versions. Wide voltage and current range and three inductance outlets make it easy to optimise settings for various applications. Strong, galvanised metal casing makes these units the perfect solution for harsh environments. The Origo™ Mig 400t/500t operates with the separate wire feeders Origo™ FeedAirmatic, Origo™ Feed 304/484 M13 and Origo™ YardFeed 200.

Delivery includes

5 m mains cable, wheels, return cable with clamp, shelf for gas cylinder and a guide pin for the wire feeder.

Origo™ Mig 400t Origo™ Mig 500t

| | Origo™ Mig 400t | Origo™ Mig 500t |
|----------------------------------|--|--|
| Mains supply, V/Hz | 400-415/50, 230/400-415/500, 50Hz; 230/440-460, 60Hz | 400-415/50, 230/400-415/500, 50Hz; 230/440-460, 60Hz |
| Fuse, slow, A | 25 | 35 |
| Mains cable, Ø mm ² | 4x4 | 4x6 |
| Max output at 45% duty cycle, A | 400 | - |
| Max output at 60% duty cycle, A | 350 | 500 |
| Max output at 100% duty cycle, A | 280 | 400 |
| Setting range, A | 50-400 | 50-500 |
| Open circuit voltage, V | 53-58 | 53-60 |
| Weight, kg | 209 | 235 |

Ordering information

| | |
|--|--------------|
| Origo™ Mig 400t (400-415 V 50 Hz) | 0349 302 242 |
| Origo™ Mig 400t* | 0349 302 243 |
| Origo™ Mig 400tw (400-415 V 50 Hz) | 0349 302 244 |
| Origo™ Mig 400tw* | 0349 302 245 |
| Origo™ Mig 500t (400-415 V 50 Hz) | 0349 302 246 |
| Origo™ Mig 500t* | 0349 302 247 |
| Origo™ Mig 500tw (400-415 V 50 Hz) | 0349 302 248 |
| Origo™ Mig 500tw* | 0349 302 249 |
| Digital instrument | 0455 173 882 |
| Transformer for CO ₂ heater | 0349 302 250 |
| Air filter | 0349 302 252 |
| Water flow guard | 0349 302 251 |
| Cable holder | 0349 303 362 |

*230/400-415/500 V 50 Hz; 230/440-460 V 60 Hz

Multivoltage version available on request

For wire feeders, see page 26-31



Origo™ Mig 630t MAGMA

- A power source for MIG/MAG, MMA welding and air-arc gouging – a cost-effective combination.
- Sturdy galvanised metal casing with an air filter as an option – made to withstand tough corrosive and dirty environments.
- Mains voltage compensation – stable welding controls.
- Stepless voltage control – exact settings and remote-control facilities
- Built-in water cooler
- ELP, ESAB LogicPump – automatically starts the water pump when a water-cooled torch is connected
- The Origo™ Mig 630t MAGMA operates with the separate wire feeders Origo™ FeedAirmatic and Origo™ Feed 304/484 M13 and Origo™ YardFeed 200 (with or without V/A meter)

Delivery includes

5 m mains cable, wheels, return cable with clamp, gas bottle platform and a guide pin for the wire feeder.

Origo™ Mig 630t MAGMA

| | Origo™ Mig 630t MAGMA |
|----------------------------------|------------------------------------|
| Mains supply, V/Hz | 230/400/415/500-50, 230/440/550/60 |
| Fuse, slow, A | 50 |
| Mains cable, Ø mm ² | 4X10 |
| Max output at 60% duty cycle, A | 630 |
| Max output at 100% duty cycle, A | 500 |
| Setting range, A | 75-630 |
| Open circuit voltage, V | 18-55 |
| Weight, kg | 254 |

Ordering information

| | |
|--|--------------|
| Origo™ Mig 630tw MAGMA | 0349 310 100 |
| Origo™ Mig 630t MAGMA (without water cooler) | 0349 310 110 |
| Transformer for CO ₂ heater | 0349 302 250 |
| Air filter | 0349 302 252 |
| Water flow guard | 0349 302 251 |
| Cable holder | 0349 303 362 |
| Digital instrument | 0455 173 882 |
| Start booster | 0349 306 125 |

For wire feeders, see page 26-31