

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

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

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