

Origo™ Mig C series PRO

Compact units for professional use

Origo™ Mig C280 PRO



Origo™ Mig C340 PRO



Origo™ Mig C420w PRO



| Technical data | Origo™ Mig C280 PRO | Origo™ Mig C280 PRO 4WD | Origo™ Mig C340 PRO |
|------------------------|------------------------|----------------------------|------------------------|
| Mains supply, V / ph | 400 / 3 | 400 / 3 | 400 / 3 |
| Fuse, slow, A | 16 | 16 | 16 |
| Setting range, A | 30 - 280 | 30 - 280 | 40 - 340 |
| Burn-back time, sec | 0 - 0,25 | 0 - 0,25 | 0 - 0,5 |
| Spot welding time, sec | 0,2 - 2,5 | 0,2 - 2,5 | - |
| Voltage steps | 10 | 10 | 40 |
| Polarity change | yes | yes | yes |
| Inductance outlets | 2 | 2 | 2 |
| 2/4 stroke control | - | - | yes |
| Creep start | - | - | yes |
| Dimensions, LxWxH, mm | 840 x 425 x 830 | 840 x 425 x 830 | 840 x 425 x 830 |
| Weight, kg | 97 | 97 | 120 |
| Spool type, Ømm/kg | 300 / 18 | 300 / 18 | 300 / 18 |
| Feed rolls | 2 | 4 | 2 |
| Enclosure class | IP 23 | IP 23 | IP 23 |
| Application class | S | S | S |

Maximum output at 40°C

| | | | |
|--------------------------------|------------|------------|------------|
| Max current, A at duty cycle % | 280 / 30 % | 280 / 30 % | 340 / 30 % |
| 60% duty cycle, A | 190 | 190 | 250 |
| 100% duty cycle, A | 150 | 150 | 195 |

Usable wire diameters

| | | | |
|---------------------------|-----------|-----------|-----------|
| Mild and stainless steels | 0,6 - 1,0 | 0,6 - 1,0 | 0,6 - 1,2 |
| Cored wires | 0,9 - 1,2 | 0,9 - 1,2 | 0,9 - 1,2 |
| Aluminium | 1,0 - 1,2 | 1,0 - 1,2 | 1,0 - 1,2 |

Delivery includes

| | | | |
|-------------------|-------------|-------------|-------------|
| Welding torch | PSF™ | PSF™ | PSF™ |
| Type/cable length | 250 / 3,0 m | 250 / 4,5 m | 305 / 3,0 m |
| Connection | Euro | Euro | Euro |

Mains cable 5m with plug, gas hose 1,5m with clamps and quick connector, earth cable complete, wear parts for 0,8-1,0mm wire (C280), 1,0-1,2mm (C340-420),



- Very good welding properties - stable arc and very finely matched voltage steps
- Also suitable for the welding of aluminium and GMA brazing of galvanized metal sheets
- Galvanized metal housing with optional air filter designed for use under rough conditions
- Two or three inductance connections - optimal arc dynamics
- 4-roll wire feed available - perfect wire conveying
- Professional ESAB PSF™ torches included
- Origo™ Mig C340 PRO and C420w PRO optionally with electric Push-Pull welding torch in 6 or 10 m length
- Simple polarity change - allows the use of solid wire and cored wire
- Origo™ Mig C420w PRO with ELP, ESAB LogicPump (forced switching over of the water cooling if required)

Ordering information

| | |
|------------------------------|--------------|
| Origo™ Mig C280 PRO 2WD V/A | 0349 312 510 |
| Origo™ Mig C280 PRO 4WD V/A | 0349 312 520 |
| Origo™ Mig C340 PRO 2WD V/A | 0349 312 550 |
| Origo™ Mig C340 PRO 4WD V/A | 0349 310 830 |
| Origo™ Mig C420w PRO 4WD V/A | 0349 312 590 |
| Origo™ Mig C420 PRO 4WD V/A | 0349 312 580 |

Accessories

| | |
|--|--------------|
| Anti-dust filter C280-C340 (steel grid) | 0349 302 599 |
| Anti-dust filter C420w (steel grid) | 0349 302 252 |
| Transformer kit for preheater | 0349 302 250 |
| Cable holder | 0349 303 362 |
| Water flow guard | 0349 302 251 |
| Pressure reducer with flux-meter | 0000 973 096 |
| Connection kit MXH /Origo™ Mig C340 PRO | 0349 308 980 |
| Connection kit MXH /Origo™ Mig C420w PRO | 0349 308 337 |

Ordering information for special versions

Multi-voltage types (230/415-500V, 50Hz, 230/440-460V, 60Hz, three-phase)

| | |
|-----------------------------|--------------|
| Origo™ Mig C280 PRO 2WD V/A | 0349 312 530 |
| Origo™ Mig C280 PRO 4WD V/A | 0349 312 540 |
| Origo™ Mig C340 PRO 2WD V/A | 0349 312 560 |
| Origo™ Mig C340 PRO 4WD V/A | 0349 312 570 |

| Origo™ Mig C340 PRO 4WD | Origo™ Mig C420/C420w PRO |
|----------------------------|------------------------------|
| 400 / 3 | 400 / 3 |
| 16 | 32 |
| 40 - 340 | 50 - 420 |
| 0 - 0,5 | 0 - 0,5 |
| - | - |
| 40 | 35 |
| yes | yes |
| 2 | 3 |
| yes | yes |
| yes | yes |
| 840 x 425 x 830 | 935 x 640 x 800 |
| 120 | 230 |
| 300 / 18 | 300 / 18 |
| 4 | 4 |
| IP 23 | IP 23 |
| S | S |
| | |
| 340 / 30 % | 420 / 50 % |
| 250 | 400 |
| 195 | 315 |
| | |
| 0,6 - 1,2 | 0,6 - 1,6 |
| 0,9 - 1,2 | 0,9 - 1,6 |
| 1,0 - 1,2 | 1,0 - 1,6 |
| | |
| PSF™ | PSF™ |
| 305 / 4,5 m | 405 / 410w 4,5 m |
| Euro | Euro |

Wear and spare parts for torches
at pages 58-59

