

# Kempact 323A



## BENEFITS

- Modern, energy efficient power source
- Strong and durable pressed steel and moulded plastic construction
- Excellent welding performance with mixed or CO<sub>2</sub> shielding gas
- Precise, clean arc ignition
- Maximum output at 35% duty cycle
- GasMate™ chassis design enables easy and safe floor level cylinder loading and machine movement
- Large LCD display with a protective Plexiglas cover and lens plate
- Brights™ cabinet lighting for wire loading in low light conditions
- Convenient HotSpot™ heat treatment function
- Wire drive system maintenance alert with Wireline™ service symbol
- Spot / Cycle arc timer
- 2T / 4T gun latching mode
- Polarity change terminals located inside the wire cabinet
- Integrated storage trays for wire drive and gun parts
- Particle filter option for dusty work environments

## TECHNICAL SPECIFICATIONS

### Kempact 323A

|                                |  |
|--------------------------------|--|
| Product code                   | Kempact 323A, FE 32, 3.5 m - P2213<br>Kempact 323A, FE 32, 5.0 m - P2214<br>Kempact 323A, FE 35, 3.5 m - P2261<br>Kempact 323A, FE 35, 5.0 m - P2256 |
| Connection voltage 3~ 50/60 Hz | 400 V ±15%   |
| Fuse (delayed)                 | 10 A   |
| Welding range                  | 10 V/20 A–32.5 V/320 A   |
| Open circuit voltage           | 40V  |
| Wire feed speed adjustment     | 1.0 - 20.0 m/min   |
| Filler wire sizes (Fe solid)   | 0.8...1.2 mm   |
| Filler wire sizes (Fe cored)   | 0.8...1.2 mm   |
| Filler wire sizes (Ss)         | 0.8...1.2 mm   |
| Filler wire sizes (Al)         | 1.0...1.2 mm   |
| Operating temperature range    | -20...+40 °C   |
| External dimensions LxWxH      | 623 × 579 × 1070 mm  |
| Weight (no accessories)        | 44 kg  |
| Degree of protection           | IP23S  |
| Standards                      | IEC 60974-1, IEC 60974-5, IEC 60974-10   |

| <b>FE gun range</b>                       | <b>FE 20</b> | <b>FE 25</b> | <b>FE 27</b> | <b>FE 32</b> | <b>FE 35</b> | <b>FE 42</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
| Cooling                                   | Gas          | Gas          | Gas          | Gas          | Gas          | Gas          |
| Filler wires                              | 0.6...1.2 mm | 0.6...1.2 mm | 0.6...1.2 mm | 0.8...1.6 mm | 0.8...1.6 mm | 0.8...1.6 mm |
| Length / ordering code 3.5m               | 6602003      | 6602503      | 6602703      | 6603203      | 6603503      | 6604203      |
| Length / ordering code 5m                 | 6602004      | 6602504      | 6602704      | 6603204      | 6603504      | 6604204      |
| Load capacity, Ar + CO <sub>2</sub> (35%) | 200 A        | 250 A        | 270 A        | 320 A        | 350 A        | 420 A        |