

Flextec® 650 CE

Flexible technologySM

This multi-process welder delivers respectively up to 815A of welding power for a variety of applications, including construction and fabrication. It features an IP23 rating for outdoor operation and storage and the latest inverter technology will save you real money on the utility costs associated with your welding operations.

Features

- Flexible multi-process capability – including stick, Touch Start TIG® [DC], MIG, flux-cored welding and carbon arc gouging with up to a 9.5mm and 12.7 mm carbon.
- CV submerged arc welding with all advantages and saves of the inverter technology is possible with Flextec 650 CE.
- The Future is NowSM – you no longer have to pay a premium price to gain the advantages of inverter technology over conventional welders. Faster arc response, low power consumption and enhanced portability.
- Bright digital amp and volt meters – easy to monitor, even in sunlight and presettable for precise procedure control.
- Compact, durable case – Tough IP23 enclosure rating ensures the Flextec™ 650 CE will withstand extreme field environments.
- Selectable Hot Start – turn it off for thin material or flip it on to get the extra starting amperage you need for thick, rusty or dirty material.
- Variable arc control – in stick mode, vary the arc force to obtain the “soft” or “crisp” arc you want as conditions require. In CV modes, vary the pinch or inductance to control spatter, fluidity and bead appearance.
- Desert Duty® rated – welding outputs are rated for extreme temperature operation up to 55°C.



Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class
Flextec® 650 CE	K3278-1	380/460/575/3Ph	10-815A	750A/44V/60% 650A/44V/100%	57/47/38	74.8	554 x 409 x 584	IP23S / H



Processes

- MIG
- Flux-cored
- Stick
- DC TIG
- Arc Gouging
- SAW Welding

Recommended Wire Feeders

- LN-25 PRO, LN-25 PRO Dual Power
- Active 8™
- LT-7
- NA-3, NA-5

Key Options

- K10376 Adapter M14/Dinse[F]
- K10238-10-5M Input cable – 4x10 mm – 5 m
- K10347-PG-xM Interconnection cables (for LF Feeders only)
- K10095-1-15M Remote control – 15 m
- K126-1/2 Innershield guns 350A – 62° – 1.6 mm – 3/4.6 m
- KP1697-x Drive roll kit range

