

# Invertec® STT® II

## Featuring Surface Tension Transfer® process

The revolutionary STT® II power source combines high frequency inverter technology with advanced Waveform Control® to provide a better welding solution than traditional short arc MIG.

### Features

- Controlled penetration and outstanding heat input control – ideal for welding joints with open root, gaps, or on thin material with no burnthrough.
- Reduced spatter and fumes – current is controlled to achieve optimal metal transfer.
- Various shielding gases – blends of Argon including Helium or 100% CO<sub>2</sub> with larger diameter wires.
- Good bead control and faster travel speeds – can replace TIG in many applications.
- Background and Tailout Current – accurately control fine and coarse heat input for reduced distortion and burnthrough as well as proper penetration.
- Adjustable Hot Start controls the heat at the start of the weld.
- Fully featured; the LF 33 features 2/4 stoke, burnback, gas purge, cold inch, run in.



### 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
STT II	K1527-3	200/220/380/400/440V/3Ph	5-450 (peak) 5-125 (background)	225A/29V/60% 200A/28V/100%	32	59	589 x 336 x 620	IP23 / H
STT II Package	PSTT2-1-A					75	995 x 920 x 980	
STT II	K1527-4	400V/3Ph				59	589 x 336 x 620	

### Processes

- MIG STT®

### Recommended Packages Include

- LF-33 wire feeder 4-roll air-cooled, 1.0-1.2mm drive roll
- STT® II power source on undercarriage, input cable, work clamp and cable assembly
- 5 m-Interconnection cable, MIG gun and gas regulator

### Key Options

- K10370-PG-xM Interconnection cables
- K10429-15-xM MIG gun LGS 150 G – 150A – 3/4/5 m
- K10429-25-xM MIG gun LGS 250 G – 200A – 3/4/5 m
- K10413-25PHD-xM MIG gun LGP 250 G – 200A – 3/4/5 m
- K10413-25FX-xM MIG gun LG 250 G FX – 200A – 3/4/5 m
- K10429-36-xM MIG gun LGS 360 G – 300A – 3/4/5 m
- K10413-36PHD-xM MIG gun LGP 360 G – 300A – 3/4/5 m
- K14094-1 Remote control – 15 m
- K10158-1 Readi-reel mounting stand (15 kg)



# Power Wave® C300

## Portable Flexibility

The Power Wave® C300 is a part of a modular concept offering many different configurations and allowing to adjust the machine to your welding application. All Power Waves® come complete with an Ethernet connection and free software. Free software updates available on [www.powersoftware.com](http://www.powersoftware.com)

### Features

- Superb arc welding characteristics in Pulse, Pulse on-Pulse®, CV, Stick and TIG DC.
- A variety of materials are supported as standard; Steel, Stainless, Aluminium but also High Nickel and CuSi.
- RapidArc® for a higher travel speed and less Heat Input with steel and Stainless.
- PowerMode® reduces spatter and improves appearance even of low voltage applications on steel & stainless steel, also beneficial for high deposition on aluminium.
- S2F for premium Aluminium welding.
- Clearing Pulse providing a clean wire tip without a ball, ready to restart.
- Job control to store your settings and quick recall.



Limits and access through a password are as standard supported.

- Remote on the gun by use of a cross switch allows you to switch to another job of decrease or increase WFS during welding.
- Water Cooled when combined with COOL ARC® 50 water cooler.



### 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
Power Wave® C300	K2865-1	230/400V/3Ph (208-575V)	5-300	300A/29V/40%	40/25	50.4	478 x 356 x 610	IP23 / H

### Processes

- Pulse MIG
- Pulse-On-Pulse®
- MIG
- Flux-Cored
- Stick
- Lift TIG DC

### Key Options

- GRD-400A-70-xM Ground cable 400A – 70 mm<sup>2</sup> – 10/15 m
- K10429-36-xM MIG gun LGS 360 G – 300A – 3/4/5 m
- K10413-36PHD-xM MIG gun LGP 360 G – 300A – 3/4/5 m
- K10413-42PHD-xM MIG gun LGP 420 G – 350A – 3/4/5 m
- K10429-505-xM MIG gun LGS 505 W – 450A – 3/4/5 m
- K10413-55PHD-xM MIG gun LGP 550 W – 500A – 3/4/5 m
- KP1696-x Drive roll kit range
- KP1697-x Drive roll kit range
- K14050-1 Water cooler COOL ARC® 50
- K10420-1 Coolant Acorox (2x5l)
- K14087-1 Cart

