

SPRINTER S-RANGE

STICK WELDERS

SPRINTER 160S & 180S

LINCOLN® ELECTRIC

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Processes

- DC Stick
- DC Lift TIG

Applications

- Light fabrication
- Repair and maintenance
- Light Structural
- On-site intervention
- Pipeline repair
- Farm
- Shipbuilding

Products

- SPRINTER 160S
  K14436-1
- SPRINTER 160S PACK
  K14436-1-P
- SPRINTER 180S
  K14437-1
- SPRINTER 180S PACK
  K14437-1-P

INPUT

1 PHASE 50 Hz

OUTPUT

DC CC

PORTABLE, VERSATILE, POWERFUL

The SPRINTER S is a stick welder and much more.

Providing power in a small package. Weighing less than 9kg, it is lightweight, portable, the 180A output ‘allowing all types of electrode to be welded (up to 4.0mm), including 7018 and 6010. This machine is more than just a stick welder, the Sprinter S combines superior stick functionality with DC LIFT TIG mode and dual input voltage (120V/230V). A simple display, allows you to select welding settings quickly, with the ability to start any job anywhere, whether it’s maintenance work, light fabrication, light construction and everything in between.

GET STARTED QUICKLY AND EASILY ON ANY JOB, ANYWHERE



VALUE-ADDED FEATURES

DUAL INPUT VOLTAGE – 120V and 230V, enabling you to plug into any common power supply.

READY TO USE VERSION – Available also as a Pack version with durable suitcase and telescopic arm, power source, welding cables, welding gloves and small pack of electrodes.

HOT START – This is a temporary increase in the initial welding current, to helping ignite the arc quickly and reliably.

ARC FORCE helps to increase penetration and prevent electrodes from sticking.

MULTI-PROCESS CAPABLE – Welds DC stick and DC Lift TIG.

LIGHTWEIGHT PORTABILITY – weighing under 9 kg this durable machine is easy to carry with either the ergonomic handle or shoulder strap.

TWO STICK MODES – Dedicated E6010 and E7018 weld modes allow for greater welding versatility and superior performance.

PFC – Resistant to power fluctuations, even while working on long extension cables up to 100m, without effecting welding capability and quality.

ADVANCED OPTIONS

Stick mode for CrispArc on cellulosic electrodes such as 6010/6011/6013.

Reduced Output Voltage Indicator.

Stick Mode for Soft Arc on electrodes such as 7018.

Lift TIG Mode for lift start TIG welding.

KEY CONTROLS

1. Carry Handle (shoulder strap is included)
2. Seven Segment Display
3. Weld Selection
4. Duty Cycle Thermal Overheat Exceeded Indicator
5. Voltage Reduction Device Indicator
6. Functions selection button
7. Amperage and functions adjustment knob
8. Large output connectors
9. Remote control socket



INNOVATIVE USER INTERFACE

A. Amperage
B. Welding process
C. VRD/Thermal indicators
D. Function selection button



PACKAGES AVAILABLE

SPRINTER 160S/ 180S

BASE MODEL

- Power source
- Shoulder strap

K14436-1 SPRINTER 160S
K14437-1 SPRINTER 180S

Input **Output**

1 PHASE · 50/60 Hz · CC · DC

GENERATOR READY · PFC · VRD

Cellulosic





SPRINTER 160S/ 180S

PACK

- Power source
- Shoulder strap
- Durable, lightweight suitcase with telescopic arm
- 14 electrodes OMNIA® 46 2.5mm
- Welding gloves
- 3m cable with electrode holder (25mm²)
- 3m cable with ground clamp (25mm²)

K14436-1-P SPRINTER 160S
K14437-1-P SPRINTER 180S



ACCESSORIES



MACHINE CARRY CASE
water resistant, lockable suitcase including telescopic arm providing ample space to store the SPRINTER S and welding accessories.
K14449-1



REMOTE CONTROL
K10095-1-15M



MMA CABLE KITS
Kit 35C50
W000011139



WEAR PART BOX
WTT2 17 / 26 / 18W
W000371536



TIG TORCHES AIR
WTT2 17/17V
W10529-17-4V



PRODUCT SPECIFICATIONS

Product Name	Item number	Input Power	Rated Output Current/Duty Cycle (230Vac - MMA)*	Output Range (230Vac)*		Fuse Size (A)	Open Circuit Voltage (OCV)	Dimensions HxWxD (mm)	Protection / Insulation Class	Net weight (kg)
				TIG	MMA					
SPRINTER 160S	K14436-1	120/230V 1Ph/50Hz +/-15%	160A@45%	10-180A DC	20-160A	16	Average OCV-65v Peak OCV-95V VRD OCV (Peak)-14V	162x305x438	IP23S/H	8.4
SPRINTER 160S PACK	K14436-1-P		160A@45%	10-180A DC	20-160A					
SPRINTER 180S	K14437-1		180A@35%	10-200A DC	20-180A					
SPRINTER 180S PACK	K14437-1-P		180A@35%	10-200A DC	20-180A					

* for 120Vac, please, see separate Operator Manual

CUSTOMER ASSISTANCE POLICY

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