

By Lincoln Electric

 **arcweld**<sup>®</sup>

130i-ST / 200i-ST /  
130i-ST DV / 160i-ST DV / 200i-ST DV



## ADVANTAGE

### ✓ Small and lightweight yet powerful

4.3Kg-arcweld 130i-ST  
5.8Kg-arcweld 200i-ST  
4.6Kg-arcweld 130i-ST DV  
7.2Kg-arcweld 160i-ST DV  
7.6Kg-arcweld 200i-ST DV

### ✓ Two unique Units

Different outputs, performance and features fit any customer requirements

### ✓ Robust design

Robust, Metal housing and control buttons to withstand tough environmental conditions

### ✓ Intelligent protection

Over-voltage  
Low-voltage  
Over-current

### ✓ Auto Adaptive Arc Force

For a stable arc with low spatter levels

### ✓ Built in "Hot Start"

For excellent arc striking

### ✓ Meets IEC 60974-1

International Standard for welding machines

### ✓ Thermally protected

For longer life

### ✓ Adopt IGBT technology

For high reliability

### ✓ Easy to set Output Control

Calibrated dials

### ✓ Ready to Weld with accessories

Accessories/power cord included

### ✓ Dual Voltage (DV)

Adapts to the input voltage automatically

## BUILT FOR THE JOB

The arcweld<sup>®</sup> 130i-ST / 200i-ST, 130i-ST DV / 160i-ST DV / 200i-ST DV inverter machines are intended to be used for light to medium duty welding application. They are an ideal choice for maintenance, small repairs & general fabrication. Both machines are designed to be used with 6011, 6013 & 7018 type electrodes up to 5.0mm in diameter.

The arcweld<sup>®</sup> inverter machines are very compact, lightweight and come with a shoulder strap for ease of transportation. Accessories are included, so the machines are ready to weld out of the box.

## PROCESSES

• Stick • TIG

## UNIT INCLUDES

- Input cable no plug on
- Ground cable with work clamp
- Welding cable with electrode holder

**LINCOLN**<sup>®</sup>  
**ELECTRIC**

### TECHNICAL SPECIFICATION


Product Name	Product Number	Primary Voltage	Weight (kg)	Dimensions HxWxD (mm)	Protection / Insulation Class	Compliance
arcweld® 130i-ST	K69001-3	230V/1/50/60Hz +/-10%	4.3	270x220x400	IP21S / F	IEC 60974-1
arcweld® 130i-ST DV	K69001-4	120/230V/1/50/60Hz +/-10%	4.6	270x220x400	IP21S / F	IEC 60974-1
arcweld® 160i-ST DV	K69003-5	120/230V/1/50/60Hz +/-10%	7.2	290x220x470	IP21S / F	IEC 60974-1
arcweld® 200i-ST DV	K69006-8	120/230V/1/50/60Hz +/-10%	7.6	290x220x470	IP21S / F	IEC 60974-1
arcweld® 200i-ST	K69005-4	230V/1/50/60Hz +/-10%	5.8	290x220x470	IP21S / F	IEC 60974-1

### WELDING OUTPUT

Product Name	Input Voltage	Rated Output[40°C] Duty Cycle	Current
arcweld® 130i-ST	230V	35%@130A, 60%@100A	15-130A
arcweld® 130i-ST DV	120V	35%@110A, 60%@85A	15-110A
	230V	35%@130A, 60%@100A	15-130A
arcweld® 160i-ST DV	120V	35%@110A, 60%@90A	10-110A
	230V	30%@160A, 60%@110A	15-160A
arcweld® 200i-ST DV	120V	35%@110A, 60%@90A	10-110A
	230V	25%@200A, 60%@130A	15-200A
arcweld® 200i-ST	230V	35%@200A, 60%@155A	15-200A

### ACCESSORIES

Product Name	Description
arcweld® 130i-ST	Ground cable assembly, 10mm <sup>2</sup> , 1.5M, 300A earth clamp
arcweld® 130i-ST DV	Welding cable assembly, 10mm <sup>2</sup> , 2M, 200A electrode holder
arcweld® 160i-ST DV	Ground cable assembly, 16mm <sup>2</sup> , 1.5M, 300A earth clamp
arcweld® 200i-ST DV	Welding cable assembly, 16mm <sup>2</sup> , 2M, 200A electrode holder
arcweld® 200i-ST	

	130i-ST	130i-ST DV	200i-ST	160i-ST DV	200i-ST DV
<b>Applications</b>					
Electrode Type	Rutile, Basic, E6011				
Electrode Ø (mm)	2.5, 3.2	2.5, 3.2	2.5, 3.2, 4.0	2.5, 3.2, 4.0	2.5, 3.2, 4.0, 5.0
Welding Capacity (mm)	6.0	6.0	12.0	10.0	12.0
<b>Performance</b>					
Hot start	●	●	●	●	●
Anti-stick	●	●	●	●	●
Arc force	●	●	●	●	●
Power Factor Correction				●	●
<b>Features</b>					
Touch TIG	●	●	●	●	●
<b>Packaging - Carton Box</b>					
	Machine & Accessories	Machine & Accessories	Machine & Accessories	Machine & Accessories	Machine & Accessories

### ACCESSORIES

