

# PROLINE

professional welding supplies

# LINCOLN<sup>®</sup> ELECTRIC

THE WELDING EXPERTS<sup>®</sup>

STICK & TIG WELDERS

## POWERCRAFT<sup>®</sup> Inverter 131 – 161 – 181



### ADVANTAGE

#### ▶ Small and light weight yet powerful

4.7 kg - POWERCRAFT 131  
6.8 kg - POWERCRAFT 161  
6.8 kg - POWERCRAFT 181

#### ▶ Three unique units

Different outputs, performance and features, fit any customer requirements.

#### ▶ Built-in VRD

Increases operator safety in environments with increased hazard of electric shock.

#### ▶ Generator Compatible\*

Ideal for site use

#### ▶ Intelligent protection

Over-voltage, low voltage and over-current.

#### ▶ Lift TIG

For arc starting without tungsten contamination

#### ▶ Auto Arc Force

For a stable arc with low spatter levels as standard

#### ▶ Built in "hot Start"

For excellent arc striking,

#### ▶ Anti-Sticking



## Built for the job

The POWERCRAFT<sup>®</sup> 131, 161 and 181 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. The POWERCRAFT<sup>®</sup> machines are designed to be used with 6011, 6013 & 7018 type electrodes up to 4.0mm in diameter.

The POWERCRAFT<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.

### ADVANTAGES CONTINUED...

#### ▶ Meets IEC 60974-1

International Standards for welding machines

#### ▶ Thermally protected

For longer life

#### ▶ IGBT technology

For high reliability

#### ▶ Easy to set Output Control

Calibrated dials

#### ▶ Ready to weld with accessories

Accessories/ power cord included

#### ▶ PowerCRAFT<sup>®</sup> 131

True 10amp rated input

### APPLICATIONS

- ▶ General fabrication
- ▶ Maintenance/ repair
- ▶ Rural
- ▶ Home handy man

### UNIT INCLUDES

- ▶ 3 metre input cable with integrated plug
- ▶ 3 metre ground cable with work clamp
- ▶ 3 metre welding cable with electrode holder

## TECHNICAL SPECIFICATIONS


Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class	Compliance
131	K69041-1	240 V/1/50-60Hz (± 10%)	10	4.7	190 x 110 x 330	IP21S/H	AS60974.1 IEC 60974-1 ROHS CE
161	K69042-1		15	6.8	230 x 140 x 360		
181	K69043-1			6.8			

## WELDING OUTPUT

Product	Current range	Rated output (40°C)
131	20-130A	130A @ 15%, 65A @ 60%
161	20-160A	160A @ 21%, 100A @ 60%
181	20-180A	180A @ 16.5%, 85A @ 100%



## SELECTION TABLE

	131	161	181
Applications			
Electrode Ø (mm)	1.5 - 3.2	1.5 - 4.0	
Rutile / basic	●	●	●
Cellulosic	●	●	●
Performance			
Hot start	●	●	●
Auto-arc force	●	●	●
VRD	●	●	●
Anti-stick	●	●	●
Environment			
Generator use	●	●	●
Features			
Lift TIG	●	●	●
Packaging			
	Machine + Welding Leads + Carry Case		

## \* GENERATOR REQUIREMENTS

Output	Output range	Peak Max	Frequency
>7kVA	180-260 Volts	367 Volts	50-60Hz