



POWER CUT 50HF PLASMA CUTTING





PLASMA CUTTING **POWER CUT 50 HF III**

APPLICATIONS

- Steel Fabrication
- Pipe Cutting
- Structural Fabrication
- Scrapping and Demolition
- On site maintenance & Repair
- Shipbuilding & Construction



APPLIED MATERIAL

- Carbon Steel
- Stainless Steel
- Copper
- Aluminum
- Brass

POWER CUT 50 HF III is portable enough to carry to any jobsite for fast and precise cutting

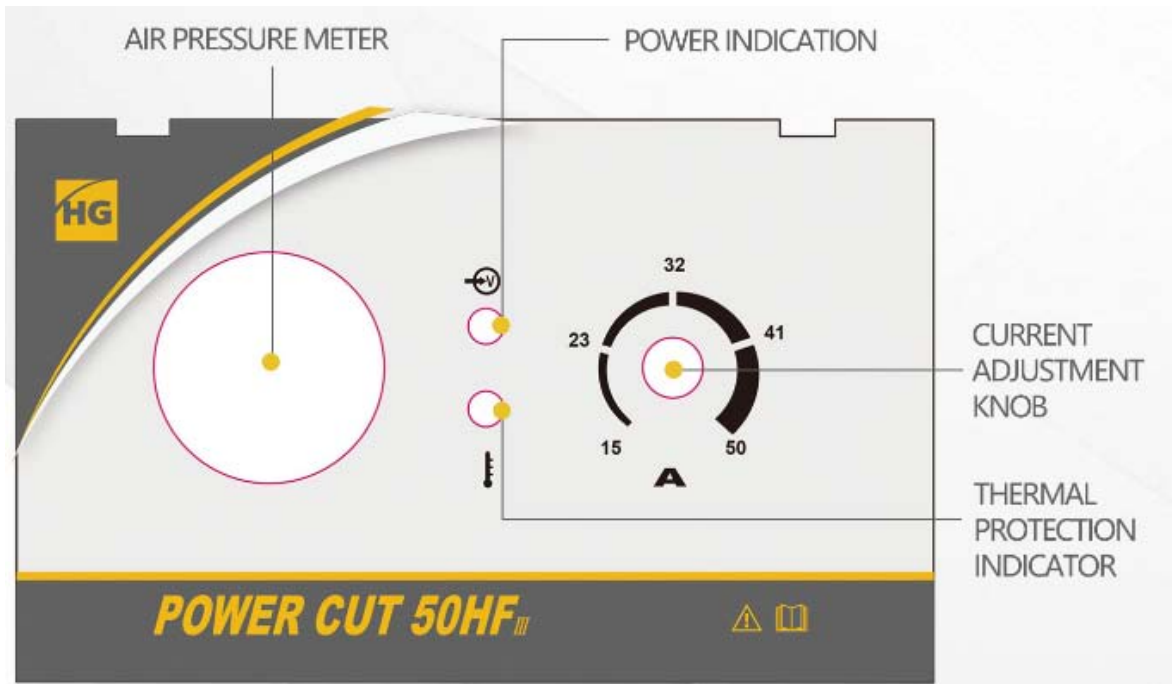
High **performance** with real **efficiency** in small, **compact** and lightweight design.

Ideally suited for **internal** & **external** critical cutting, gouging and grid cutting tasks.

POWER CUT 50 HF III provides faster cut speeds, keeping productivity high, easy to set up and use by reducing labor, time and costs.

High-frequency (HF) Arc Ignition; Makes it easy to establish an arc under a variety of conditions, minimizing the potential for damaging the cutting torch that makes long consumable life.





Simple & Easy; Easy set up and use; . Hook up the compressed air, grab the torch and start cutting.

Protection; Equipped with input voltage and thermal protection this improves the reliability.

Indicators; Thermal status (Yellow) and power input (Green) LED indicators

Steeple; Cutting Current adjustment knob.

Pressure Meter; Air pressure gauge

Durable and Reliable; By delivering perfect arc starts with high frequency ; cutting torch extends consumable life. IP21 protection class makes Power Cut 50 HFIII rugged enough for use outdoors as well as indoors.

The ergonomic hand-held torch is designed for high-impact resistance and heat resistance, enabling to manage the toughest cutting jobs with reliability.





Standard Package Includes

Hand torch (5M.)

Work Clamp (3M.)

External Gas Hose (3M.)

Spare Consumables



Air Regulator



CUTTING PERFORMANCE

Max Cutting Thickness **20mm**

Quality Cutting Thickness **12mm**



12mm
(1/2")

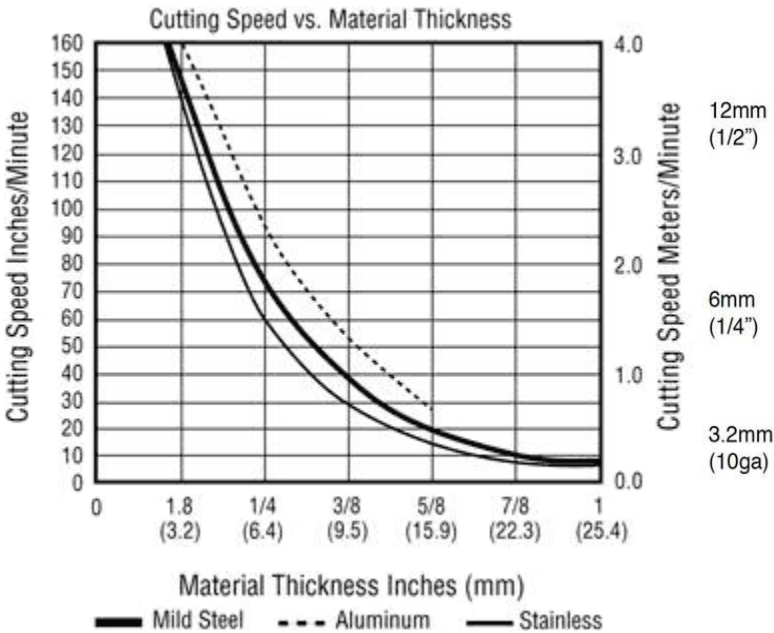
6mm
(1/4")

3.2mm
(10ga)





POWER CUT 70HFIII CUTTING PERFORMANCE



- ➔ Aluminum cutting speeds are typically 10-20% faster than mild steel.
- ➔ Stainless steel cutting speeds are typically 10-20% slower than mild steel.

Power Cut 50HFIII is portable enough to carry to any jobsite, it is just 11 kg.



Hook up the compressed air, get the torch and start cutting right away.

33.8cm.

1 PHASE

50 Hz 60

IGBT INVERTER

DC







Items	Unit	POWER CUT 50HFIII
Rated input voltage	V	230
Power supply frequency	Hz	50/60
Phase	PH.	1
Rated input capacitance	KVA	7.6
Rated input current	A	33
Output non-load voltage	V	293
Rated operation voltage	V	100
Output Current	A	15-50
Gas flow	L/min	200
Air pressure	MPa	0.30~0.6
Max cutting thickness	mm	20
Rated duty cycle	%	20
Cooling type		Fan-cooled
Arc start type		High-frequency transfer arc (HF)
Insulation grade	grade	F
Protection Class	IP	IP21S
Weight	kg	11
Dimension (L*W*H)	mm	459*200*338

