



POWER CUT 70HF PLASMA CUTTING





PLASMA CUTTING **POWER CUT 70HF 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 70 HF III is portable enough to carry to any jobsite for fast and precise cutting

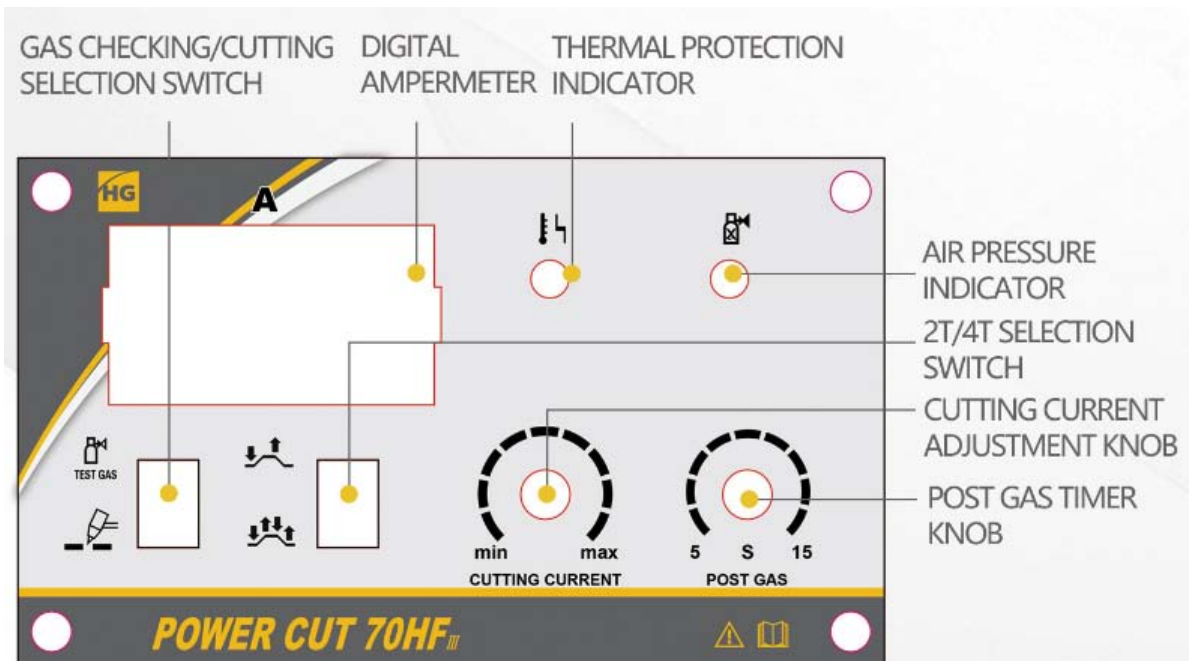
High **performance** with real **efficiency** in small, **compact** and lightweight design.

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

POWER CUT 70 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.





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

Digital Ampermeter; Interactive cutting output display

Test and Cutting ; Cutting gas checking and cutting selection switch

Latch; 2T and 4T

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

Indicators; Overload and air pressure indicators.

Durable and Reliable; By delivering perfect arc starts with high frequency ; cutting torch extends consumable life. IP21 protection class makes Power Cut 70 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



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CUTTING PERFORMANCE

Max Cutting Thickness **25mm**

Quality Cutting Thickness **17mm**



12mm
(1/2")

6mm
(1/4")

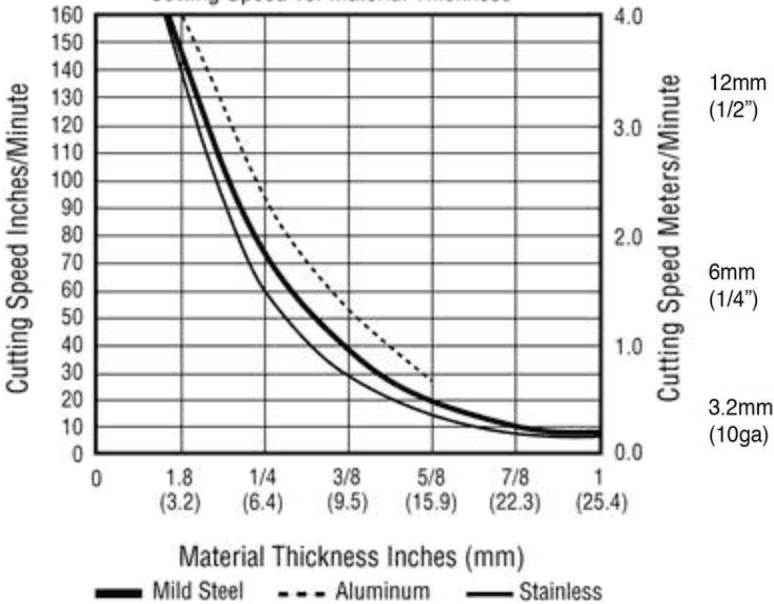
3.2mm
(10ga)





POWER CUT 70HFIII PERFORMANCE

Cutting Speed vs. Material Thickness



➔ 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 70HFIII is portable enough to carry to any jobsite, it is just 22.7 kg.

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





Steel Made , Robust and Compact Main Structure for Tough Conditions

Easy to storage and move in work-shop or in the field

Easy to Use Full Functional Control Panel

Compact & Lightweight

Patented Design

Designed 4 Cooling Channels For Perfect Air Circulation

Euro Type. Connectors





ITEMS	Unit/ Type	POWER CUT 70HFIII
Rated input voltage	V	400
Power supply frequency	Hz	50/60
Phase	PH.	3
Rated input capacitance	KVA	9.4
Rated input current	A	13.5
Output non-load voltage	V	330
Rated operation voltage	V	108
Output Current	A	25-70
Gas flow	L/min	300
Air pressure	MPa	0.3~0.6
Pos gas time	S	5~15
Max cutting thickness	mm	25
Rated duty cycle	%	60
Cooling type		Fan-cooled
Arc start type		High-frequency transfer arc
Insulation grade	Grade	F
Protection Class	IP	IP21S
Weight	Kg.	22.7
Dimension (L*W*H)	mm.	550*245*405

