

# CMAX 75 IGBT

## Plasma Cutting Power Source

### Quick Specs

**Industrial Applications**  
 Maintenance  
 Light Construction  
 Prototyping  
 Body Shops  
 Fabrication  
 HVAC Ductwork

**Power Voltage**  
 3 Phase AC415V ±15%

**Input Current**  
 11A/7.9kVA

**Output Current**  
 20-60A  
 Max. OCV: 260VDC  
**Output Voltage**  
 108V

**Duty Cycle**  
 60%  
**Weight**  
 10.7KG

**Dimensions**  
 D440×H370×W202MM  
**Cutting Capability**  
 Rated: 25MM  
**Air Pressure Required**  
 4-5.5 Bar

### Portable. Professional. Rugged. Affordable.

CMAX 75 plasma cutting system offers much more than you would expect from a welder this size. Weighing in at just under 10.7kg the Inverter CMAX 75 is no lightweight contender. It packs the full punch of a heavyweight professional that you can take to the most demanding job sites. It can operate from a portable generator.

#### FEATURES

- **Pilot arc System** – Reliable plasma arc initiation with high frequency.
- **Postflow cooling circuit** extends the life of the consumables and torch by cooling them with postflow air after the trigger is released (15~20s).
- **Long Consumable Life** New heavy duty electrode and nozzle design save you money in the long run.
- **Thermal overload protection with indicator light** helps prevent machine damage if the duty cycle is exceeded or airflow is blocked.

#### PROCESSES

Air Plasma Cutting



#### INCLUDED

CMAX 75 Machine Only Includes:

- CMAX 75
- 5M P80 PLASMA TORCH.
- 3M work cable and clamp.

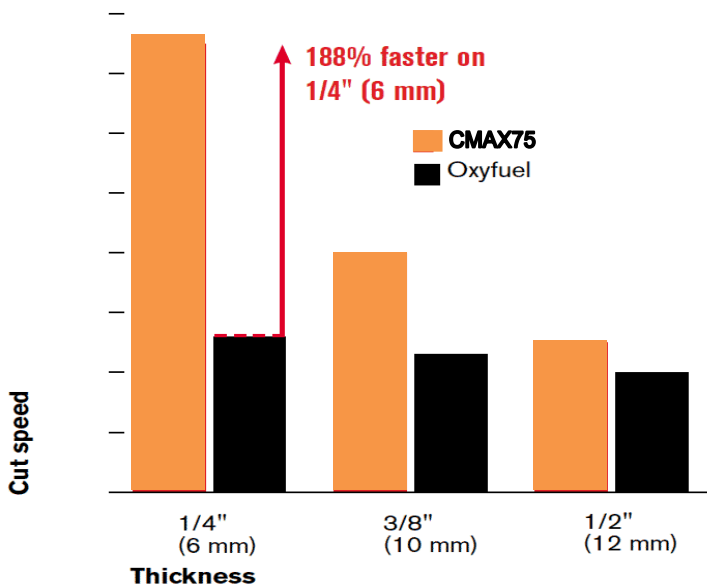
#### INPUT



#### OUTPUT



#### Relative cut performance on mild steel.



#### Operating data

Capacity	Thickness	Cut speed
Handheld cut		
Recommended	1/2" (12 mm)	20 ipm (500 mm/min)
	3/4" (19 mm)	10 ipm (250 mm/min)
Severance	1" (25 mm)	5 ipm (125 mm/min.)



Welding Technology