

# CMAX 85 V-FOCUS TECHNOLOGY

## 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**  
 15.7A/11.3kVA

**Output Current**  
 30-80A  
 Max. OCV: 310VDC  
**Output Voltage**  
 90V-112V

**Duty Cycle**  
 60%  
**Weight**  
 20.6KG

**Dimensions**  
 D500xH430xW240MM  
**Cutting Capability**  
 Rated: 32MM  
**Air Pressure Required**  
 4-5.5 Bar

### Portable. Professional. Rugged. Affordable.

CMAX 85 plasma cutting system offers much more than you would expect from a welder this size. Weighing in at just under 20.6kg the Inverter CMAX 85 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 85 Machine Only Includes:

- CMAX 85
- 5M P80 PLASMA TORCH.
- 2.5M work cable and clamp.

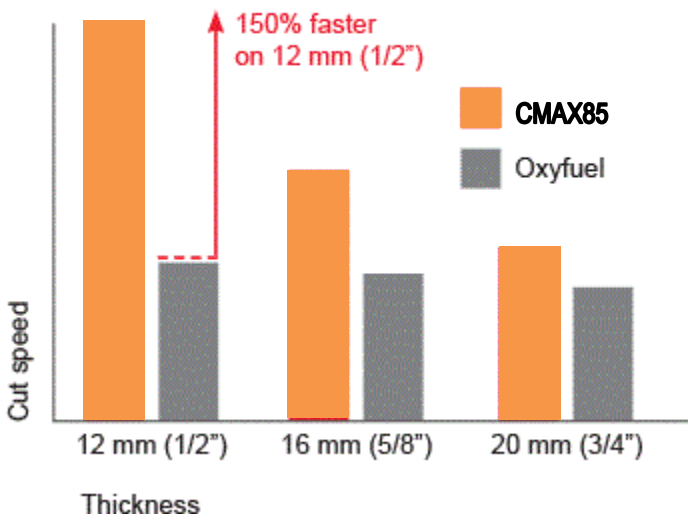
#### INPUT



#### OUTPUT



Relative cut performance on mild steel



#### Operating data

Capacity	Thickness	Cut speed
Handheld cut		
Recommended	19 mm	20 ipm (500 mm/min)
	25 mm	10 ipm (250 mm/min)
Severance	32 mm	5 ipm (125 mm/min.)

\*Please note that the specification may vary within each country. Specifications are subjected to change without notice.



Welding Technology