



ESAB Diesel 450

Heavy Duty Engine Driven Welder

- **Designed for professional contractors**
- **Robust & long lasting design**
- **Welding range DC 60-450 A**
- **Auxiliary Power outlets 6.2 KVA, 220 & 110 Volt**
- **Proven brushless generator technology**
- **Low maintenance**
- **Reliable air-cooled low RMP Deutz diesel engine**



Robust and powerful

Designed to with-stand toughest climate and working conditions. Whether your are welding on an off-shore platform or a pipeline in the desert, the ESAB Diesel 450 mobility and reliable performance will provide the most cost efficient solution to on-site welding. All electrical circuits are hardwired without need for any electronic PC boards.

Welding

Easy to operate with clear well designed controls. Welding power capacity optimized for coated electrodes from 2.0mm-6.0mm. Continuous welding whilst using auxiliary power outlets enables power tools and quivers to be used simultaneously.

Transport

Units are skid mounted, complete with central located eyelets for easy lifting (standard). Optional with a two wheel site tow kit or highway four wheel trailer.

Air cooled engine

The air cooled Deutz engine guarantees reliability, low maintenance and efficient operating. Esab engine watch system monitors the following:

- Low fuel
- Low oil pressure
- High engine temperature
- Battery charge

This system is used to protect the engine, indicating fault conditions, automatically shutting down the engine and indicating the engine fault. One year engine warranty cover by Deutz world wide service net-work.

Technical data**ESAB Diesel 450**

Welding generator	Brushless design
Duty Cycle	
40%	450 A
60% duty cycle	400 A
100% duty cycle	300 A
Setting range (DC)	(60-450)
Open circuit voltage	75-95 Volts
Welding Current Range	
STEP I	60-145 A
STEP II	110-330 A
STEP III	150-450 A
Dimensions l x w x h	1170X850X99
Weight	820 Kg
Enclosure protection	IP 23
Auxiliary generator	
Max output	6,2 kVA
Voltage	110 / 220 V
Engine	Deutz F3L 912
Type	3-cylinder
Fuel	Diesel
Power at 1800 rpm	32.0kW
Cooling	Air
Starting sytem	Electrical 12 V
Approx running time full tank at 60%	70ltr (12 hours)

Ordering information

Description	Order number
ESAB Diesel 450	0700161880
Remote control, with 15m cable	0700161041
Spark arrestor NB040	0700161043
2 wheel site trolley	0217600140
4 wheel highway trailer	0305200140

The right is reserved to alter specifications.



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