



ESAB KHH270 IELH Engine Driven Welder

- 270 Amp of DC weld output
- Single – phase auxiliary power available

For professional work

The wide working range makes it possible to perform a large variety of work in environments where it is difficult, costly or impossible to connect to the mains supply.

Compact and transportable the unit gives you a combination of strong, high quality DC current for coated electrode welding (MMA) and also supplies up to 8kVA electric power.

Welding - Coated electrodes - CC

Coated electrodes up to 6mm can be welded. The low, 20A min current allows welding with very small electrodes.

Using the Arc force control allows welding of cellulosic electrodes.

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.



Options (available as factory options)

- Versions with different voltages
- + LIFT START TIG facility
- + CC/CV control for MIG welding

Accessories on Request

- Trolley: two-wheels and handles
- + Remote control unit complete with 20m cable and plug
- + Parallel Welding Box with ammeter and voltmeter (P-BOX)
- + Welding cables Ø 35 mm² (5+3 m) with accessories
- + Reverse polarity switch kit

Applications

- Pipelines maintenance
- Shipbuilding & Offshore
- Civil construction
- Power generation

Control panel specification:

- Low oil pressure and battery charger warning lights
- + 12V built-in battery with electric start
- + Engine hourmeter
- + 1 x 230 V - 50 Hz Single-phase outlet protected by circuit breaker
- + 1 x 48 V - 50 Hz Single-phase outlet (safety low voltage)
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Remote control socket
- + ARC FORCE CONTROL switch
- + Central lifting eye

Technical data

Process mode:
Generator model
Welding current range (A)
Permitted load (A/V):
 35% duty cycle
 60% duty cycle
Open circuit voltage (V)
Auxiliary power output (kVA / V)
Single – phase Power
Power factor
Engine model
Number of cylinder
Power (HP)
RPM
Fuel
Cooling system
Starting system
Fuel tank capacity (l)
Fuel consumption @ 75%
Protection degree:
Insulation class
Dimensions (L x W x H) mm
Net Weight

KHH 270 IELH
CC / DC welding current
Gen Set asynchronous
15 – 270

270/32
250/30
70

8 @ 230
0,8
Honda GX 620
2
20
3000
Nafta
Air
Electric
37
3,3 l/h
IP23
F
1080x490x710 mm
295 kg



Ordering information

Description

ESAB KHH270 IELH

Opcionales

Remote control,
with 15m cable
Spark arrestor NB040
2 wheel site trolley
4 wheel highway trailer

Order number

R-KHH270IELH

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Quality accessories for the quality welder

ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at www.esab.com or contact your local ESAB dealer.

Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We endeavour to offer our customers an After Sales service, which is second to none. A strong and skilful service organisation is prepared to offer service and maintenance, calibration, validation and upgrading of equipment and software.

The service organisation will offer standardised solutions for the reconditioning or modification of existing products.

Spare and wear parts are manufactured according to ESAB's quality plan. Exchange Printed Circuit Board (PCB), exchange modules and components are available for all our products in order to reduce downtime to an absolute minimum. ESAB is continuously upgrading authorised service partners for local service support. Customers who have their own service and maintenance personnel will always be offered a service-training package as part of a total ESAB offering. However, product and process training for end-users will form an additional part of the ESAB offering. Always ask your ESAB sales representative or distributor for a complete ESAB solution.

*ESAB reserves the right to alter specifications without prior notice
ESAB is approved according to ISO 9001:2000*



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