

# INDUCTION HEATER

## FANHEAT DHI-1012C1 / DHI-1012C1 HD MOST



### SAFE HEATING FOR WELDING, HEAVY INDUSTRY AND BRAZING

FANHEAT DHI-1012C1 / HD MOST is mobile, water-cooled induction heater equipped with a 4 and potentially 6, 8 or 10 meter induction burner with the possibility of replaceable induction adapters. The device is intended for heating of ferromagnetic and conductive materials. Thanks to the compact design high performance, versatile use with smooth output adjustment, it is suitable for various applications especially in welding industry, heavy industry, production facilities, welding workshops, car repair shops, truck and agricultural machinery repair shops etc.,

#### IDEAL TOOLS FOR EVERY WORKSHOP:

- Heating prior to hardening, straightening, forging, bending of structural steel profiles and suitable for annealing.
- Low operating costs , training of operators is not necessary like for methods working with autogenous and propane-butane burners.
- Simplicity and ease of use - simple operation, fast heating process.
- Safety and ecology - absence of flame.
- Use in the automotive, railway, aerospace, marine and industry
- In general, metal- working, maintenance.
- For brazing.

#### ADVANTAGES:

- Mobility – weight 58 kg (HD version - 68 kg) including water cooling.
- Replacement of autogenous working methods (flame heating).
- Very silent operation.
- Power 10 kW / 12 kVA, high loading factor.
- Ease of use – 4 m long burner (HD version option: 6, 8 or 10 m).
- Flexibility and ease of use.
- Robust and big wheels on the removable chassis.
- The HD version features an improved cooling system to achieve a higher duty cycle.

#### EQUIPMENT:

- Clear display with visualization of the parameters.
- Water cooled inductors.
- Continuous output control 10-100%.
- Mode - Timer and Mode – factory setting.
- USB connection for software update.
- Constant power mode CP and constant magnetic field CF mode.
- LED inductor lighting .
- Removable trolley.
- Remote control and temperature sensor terminal (option).

#### THE KIT INCLUDES:

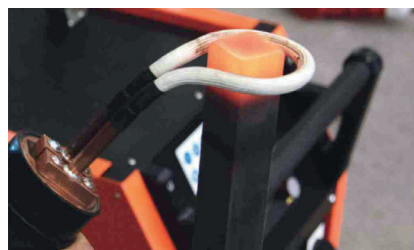
- DHI-1012C1 MOST / DHI-1012C1 HD MOST.
- Round focus coil 32 mm.
- Coolant liquid (in the device).

#### CATALOGUE NUMBERS:

FANHEAT DHI-1012C1 MOST 59 K1 200000  
 FANHEAT DHI-1012C1 HD MOST, burner 4 m 59 K1 210000



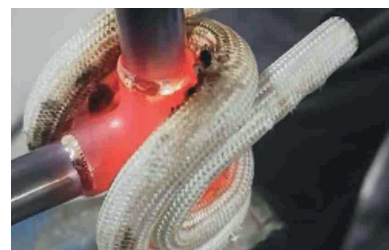
Model	DHI-1012C1	DHI-1012C1 HD
<b>Power supply</b>	3x400 V	3x400 V
<b>Power protection</b>	3x16 A	3x16 A
<b>Power</b>	10 kW / 12 kVA	10 kW / 12 kVA
<b>Frequency</b>	18-45 kHz	18-45 kHz
<b>Fan</b>	YES	YES
<b>IP protection class</b>	IP21	IP21
<b>Dimensions</b>	400x760x700 mm	400x760x700 mm
<b>Weight</b>	58 kg	68 kg
<b>Length of supply cable</b>	5 m	5 m
<b>Length of induction burner</b>	4 m	4, 6, 8, 10 m



Rods heating



Preheating before welding



Brazing in the refrigeration industry

RYWAL-RHC Sp. z o.o.  
 ul. Polna 140B, 87-100 Torun  
 export@rywal.com.pl

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## ACCESSORIES

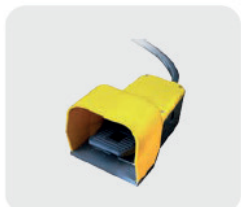
Focus coils for FANHEAT DHI-1012C1 / DHI-1012C1 HD MOST

Coil	Diameter	DHI-1012C1 / DHI-1012C1 HD
 <p>Round focus coil</p>	32 mm	59 K0 090000
 <p>Round front focus coil 90°</p>	32 mm	59 K0 090012
 <p>„U“ profile coil</p>	14 mm	59 K0 090011
 <p>Single-turn round coil</p>	22 mm 28 mm 34 mm 40 mm 47 mm 57 mm 67 mm	59 K0 090001 59 K0 090002 59 K0 090003 59 K0 090004 59 K0 090005 59 K0 090006 59 K0 090007
 <p>Double-turn round coil</p>	22 mm 28 mm 34 mm	59 K0 090008 59 K0 090009 59 K0 090010

### ADDITIONAL ACCESSORIES



Spare focus core 32 mm  
(Cat. No. 59 K0 090014)



Foot remote control  
(Cat. No. 59 K0 090016)



Coolant liquid 10 l  
(Cat. No. 59 K0 090015)