

INDUSTRY | WELDING WORKSHOPS | BRAZING



MOBILE INDUCTION & RESISTANCE HEATING
efficient replacement of flame heating

Heat treatment machines
2025

DAWELL INDUCTION

EFFECTIVE AND ECONOMIC REPLACEMENT OF FLAME HEATING

DEVELOPED AND DESIGNED FOR

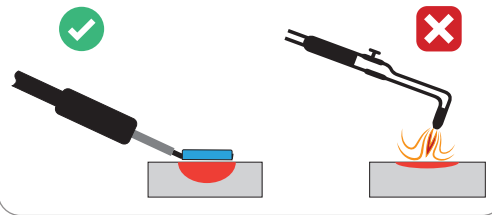
- Garages and maintenance
- Transport undertakings
- Repair shops for trucks and agricultural and constructions machinery
- Metal manufacturing and welding workshops
- Industrial and manufacturing facilities
- Soldering and brazing
- Automated and robotic workplaces
- Construction and assembly
- Aviation and shipbuilding industry
- Assembly, service and installation works
- Easy and quick use

ADVANTAGES COMPARED TO OPEN FLAME

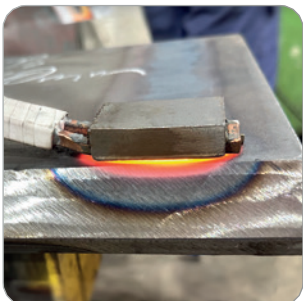
- Lower operating costs
- Safe use
- Accuracy of heating focus
- Heating rate
- High mobility
- Very silent operation
- Ecological
- Compactness, small size
- Simple use and operation
- No operator certificate required

DEPTH OF THERMAL PENETRATION

In comparison to open flame and its surface heating only, DAWELL machines guarantee deep heating of materials using low-frequency induction heating.



**PAYBACK TIME
WITHIN 1 YEAR**
DEPENDENT ON THE TYPE
OF APPLICATION



HEAVY DUTY INDUSTRY AND MANUFACTURE

Preheating before welding
Heating of large areas
Spot heating
Annealing
Straightening (after welding etc.)
Forging
Hardening



HEATING OF VARIOUS MATERIALS

Output tests (bimetal, titan)
Heating of stainless steel, copper, aluminium, cast-iron
Preheating before pressing
Preheating before bending
Weld preheating
Forming



BRAZING AND SOLDERING

Refrigeration industry
Brazing of copper pipes
Tin soldering



AUTOMOTIVE AND MAINTENANCE

Truck services
Heating of rods
Driveshaft straightening
Bolts loosening

PORTABLE INDUCTION HEATER DHI-44F/45F WORKSHOP

QUICK AND SAFE HEATING FOR WORKSHOPS AND PRODUCTION

DHI-44F / DHI-45F are portable, liquid-cooled induction heaters with a two-metre inductor, designed for heating of ferromagnetic and conductive materials, with optional replaceable extenders for focus and round induction coils. Its compact and lightweight design, power output and ease of use make it the ideal equipment for manufacturing and repair shops. It replaces naked flame in the repair and light industry, allowing machine implementation in automated operations.

IDEAL TOOL FOR MANUFACTURING AND SERVICING SHOPS

- Heating of metal sheets, sections, tubes and round metal, frame structures for straightening, forming, bending, pressing, surface hardening, defrosting and forging.
- Facilitates removal of rusty bolts and old parts, heating of exhaust pipelines, bolts, nuts, and bearings.
- Low costs, no need to train operating staff in working with oxyacetylene and Propane-butane torches.
- The device is ready for use in automated operations.
- Safety – absence of flames.

EQUIPMENT

- Remote control connector – pedal, ON/OFF, PC.
- Clear display capable of showing up to 26 parameters.
- Liquid-cooling of induction coils.
- Smooth power adjustment.
- USB for software updates.
- LED lighting around the coil.

ADVANTAGES

- Mobility – weight 12.5 kg, including cooling.
- High power and duty cycle.
- Use of focusing coils.
- Use of circular coils with heat-resistant surface treatment.
- Easy use – burner length 2 m.
- Flexibility, ease of use, safety.
- No need for user training and certification.
- Local heating – repeatability + control.



BASIC SET
DHI-44F (order no. 07-001-01)
DHI-45F (order no. 07-002-01)
Side focus coil
Coolant liquid

COMPATIBLE ROUND COILS

- Single-turn coil 20–53 mm

SUPPORTED TECHNOLOGIES

- DHS3, BIPT, DIPA, QST, ACMS, DFU

Bolts heating

Straightening

Stainless steel straightening

Typ	[V]	[A]	[kW/kVA]	[kHz]	-	-	[mm]	[kg]	[m]	[m]
44F	230	16	3.7/4,5	18-60	liquid	22	240x200x440	12.5	3	2
45F	230	16	3.7/5	18-60	liquid	22	240x200x440	12.5	3	2

INDUSTRIAL PORTABLE INDUCTION HEATER **DHI-45C**

QUICK AND SAFE HEATING FOR WORKSHOPS AND INDUSTRY

DHI-45C is portable, liquid-cooled induction heater with a two-metre inductor, designed for heating of ferromagnetic and conductive materials, with optional replaceable extenders for induction coils. Its designed is optimised for use of round coils with optional specific focus coils. Its compact and robust design, versatile uses, mobility, smooth power adjustment, high power output and ease of use make it ideal for diverse applications in manufacturing operations, prototype shops, automation and other industries.

IDEAL TOOL FOR WORKSHOPS AND INDUSTRIAL OPERATIONS

- Heating of tubes, round metal, sections, sleeves, nuts, bolts and other structural elements for pressing, soldering, forming, bending, forging, surface hardening, defrosting, etc.
- Wider heating parameter setting options.
- The device is ready for use in automated operations.
- Mobile soft soldering and brazing.
- Generally applicable to same uses as propane-butane and oxyacetylene torches with the advantage of a controllable process.
- High power output at power supply 1x 230 V and 16 A breaker.

EQUIPMENT

- Clear display capable of showing up to 26 parameters
- Liquid-cooling of induction coils.
- Smooth power adjustment.
- Timer and factory settings features.
- USB for software updates.
- Constant power (CP) and constant magnetic field (CF) mode.
- Remote control connector – pedal, ON/OFF, PC.
- LED lighting around the coil.

ADVANTAGES

- Mobility – weight 13.5kg, including cooling.
- High power and duty cycle.
- Use of focusing coils.
- Use of circular coils with heat-resistant surface treatment.
- Easy use – burner length 2 m.
- Flexibility, ease of use, safety.
- No need for user training and certification.
- Wide range of accessories.



BASIC SET
DHI-45C (order no. 07-012-01):
„U“ coil
Coolant liquid

COMPATIBLE ROUND COILS

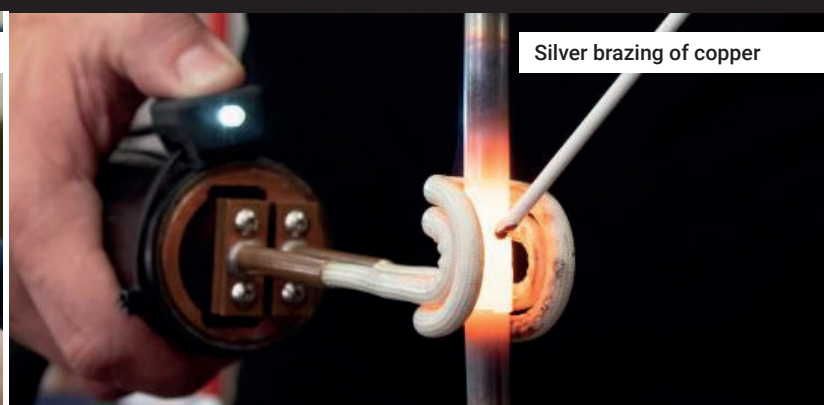
- Single-turn coil 20-55 mm
- Double-turn coil 14-26 mm
- Open "U" coil 15 mm

SUPPORTED TECHNOLOGIES











- DHS3, BIPT, DIPA, QST, ACMS, DFU



Heating of titan



Silver brazing of copper

									
[V]	[A]	[kW/kVA]	[kHz]	-	-	[mm]	[kg]	[m]	[m]
230	16	3.7/5	18-60	liquid	22	240x200x440	13.5	3	2

MOBILE INDUCTION HEATER **DHI-121F/120F HD**

SAFE HEATING FOR WELDING AND HEAVY INDUSTRY

DHI-121F/120F HD is mobile, liquid-cooled induction heater equipped with a 4 - 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.

EQUIPMENT

- Clear display with visualization of the parameters.
- Liquid cooled inductors.
- Continuous output control 20-100 %.
- 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.

ADVANTAGES

SUPPORTED TECHNOLOGIES


- DHS3, BIPT, DIPA, QST, ACMS, DFU



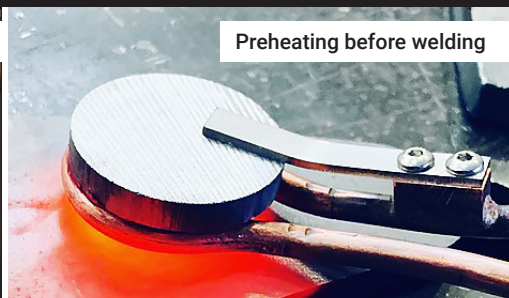
BASIC SET
DHI-121F (order no. 09-008-01)
Round focus coil
Coolant liquid



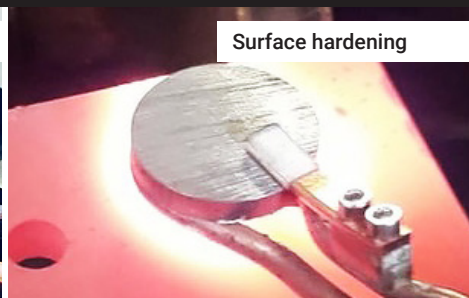
BASIC SET
DHI-120F HD (order no. 09-013-02)
Round focus coil
Coolant liquid



Stainless steel heating



Preheating before welding



Surface hardening

Typ	[V]	[A]	[kW/KVA]	[kHz]		IP CLASS	[mm]	[kg]	[m]	[m]
121F	3x400	3x16	11/29	18-35	liquid	21	540x810x710	61	5	4
120F HD	3x400	3x16	10/12	18-35	liquid	21	540x810x710	68	5	4/6/8/10

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MOBILE INDUCTION HEATER **DHI-121C/120C HD**

SAFE HEATING FOR WELDING INDUSTRY AND HEAVY INDUSTRY

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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.

EQUIPMENT

- Clear display with visualization of the parameters.
- Liquid cooled inductors.
- Continuous output control 20-100 %.
- 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.

ADVANTAGES

- Mobility– weight **61 kg** (121C) / **68 kg** (120C HD) including cooling.
- Replacement of autogenous working methods (flame heating).
- Very silent operation.
- High power and duty cycle.
- Use of ceramic surface-treated focusing coils.
- Use of circular coils with heat-resistant surface treatment.
- Ease of use – 4 / 6 / 8 / 10 m long burner.
- Flexibility and ease of use.
- Robust and big wheels on the removable chassis.

SUPPORTED TECHNOLOGIES

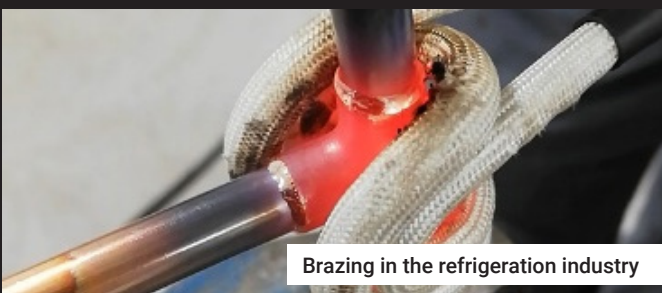
- DHS3, BIPT, DIPA, QST, ACMS, DFU



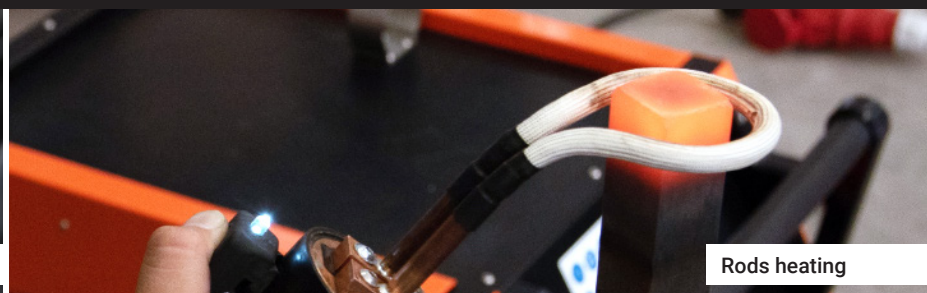
BASIC SET
DHI-121C (order no.09-009-01)
Round focus coil
Coolant liquid













BASIC SET
DHI-120C HD (order no. 09-014-01)
Round focus coil
Coolant liquid



Brazing in the refrigeration industry



Rods heating

Typ	 [V]	 [A]	 [kW/kVA]	 [kHz]	 -	 -	 [mm]	 [kg]	 [m]	 [m]
121C	3x400	3x16	11/48	18-35	liquid	21	540x810x710	61	5	4
120C HD	3x400	3x16	10/12	18-35	liquid	21	540x810x710	68	5	4/6/8/10

MOBILE, POWERFUL INDUCTION HEATER **DHI-190F HD**

SAFE HEATING FOR WELDING INDUSTRY AND HEAVY INDUSTRY

DHI-190F HD for LKW is a high-performance mobile induction heater with a liquid-cooled inductor with a length of 6 or 10 meters and the possibility of changing different induction adapters. The device is designed for heating ferromagnetic and conductive materials. Its compact design, high power and load capacity, versatile use and power control make it suitable for a variety of applications, especially in the welding industry, heavy industry, manufacturing plants, truck repair shops, agricultural equipment 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.

EQUIPMENT

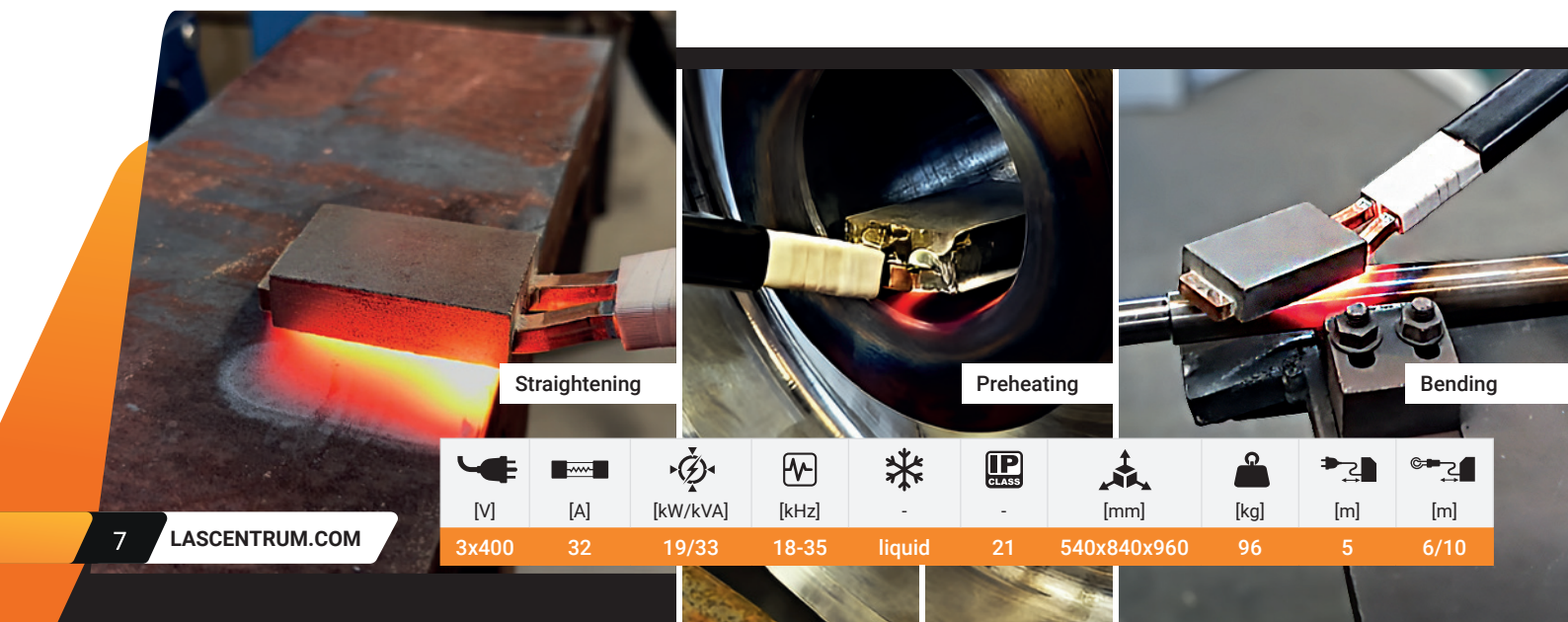
- Clear display with visualization of the parameters.
- Liquid cooled inductors.
- Continuous output control 20-100 %.
- Mode - Timer and Mode - factory setting.
- USB connection for software update.
- Constant power mode (CP) and constant magnetic field mode (CF).
- LED inductor lighting.
- Removable trolley.
- Remote control and temperature sensor terminal.

ADVANTAGES

- Mobility, flexibility and ease of use.
- High power and duty cycle.
- Use of ceramic surface-treated focusing coils.
- Use of circular coils with heat-resistant surface treatment.
- Very silent operation.
- Robust and big wheels on the removable chassis.



BASIC SET
DHI-190F HD
(order no. 12-001)
Rectangular focus coil
Coolant liquid



[V]	[A]	[kW/kVA]	[kHz]	-	-	[mm]	[kg]	[m]	[m]
3x400	32	19/33	18-35	liquid	21	540x840x960	96	5	6/10

ACCESSORIES

INDUCTORS FOR DHI-44/45F



Coil „Car Nut“
(order no. 07-108)



Focus coil, side
(order no. 07-103)



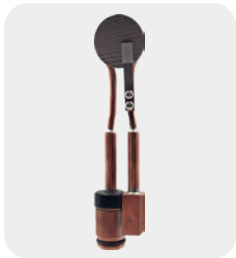
Focus coil, inclined
(order no. 07-102)



Focus coil, straight
(order no. 07-104)



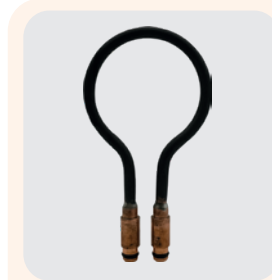
Handle extension
without coil (order no. 07-101)



Round focus coil
with reducer
(order no. 07-110)



Reducer
without coil
(order no. 07-105)



Round coil 1 thread
for reducer

Diameter	Order No.
20 mm	81-001-01
26 mm	81-002-01
32 mm	81-003-01
38 mm	81-004-01
40 mm	81-006-01
45 mm	81-005-01
53 mm	81-009-01

Heat-resistant paint finish.

INDUCTORS FOR DHI-45C

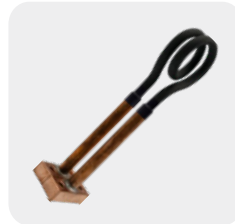
We also offer repairs of used/damaged DAWELL coils.



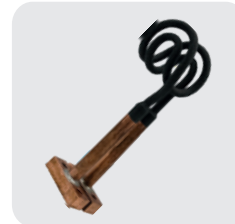
Round focus coil
32 mm (order no. 09-136-01)
20 mm (order no. 09-120-01)



Round front focus coil
(order no. 09-117-01)



Round coil 2 threads
14 mm (order no. 82-014-01)
22 mm (order no. 82-012-01)
26 mm (order no. 82-008-01)

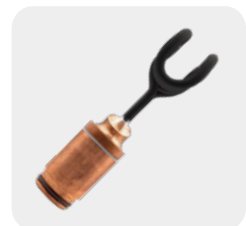


„U“ coil 2 threads
15 mm
(order no. 82-007-01)

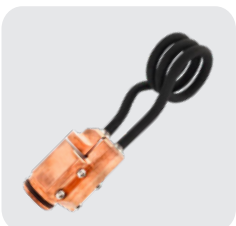


Round coil 1 thread
20 mm (order no. 82-025-01)
35 mm (order no. 82-024-01)
42 mm (order no. 82-016-01)
46 mm (order no. 82-015-01)
50 mm (order no. 82-010-01)
55 mm (order no. 82-026-01)

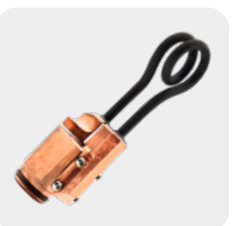
INDUCTORS FOR DHI-121F / 121C



„U“ coil 2 threads
21 mm (no. 84-017-05)*
24 mm (no. 84-017-06)*
27 mm (no. 84-018-01)*



Round coil 3 threads
21 mm (no. 84-016-01)*
24 mm (no. 84-016-02)*
27 mm (no. 84-016-03)*



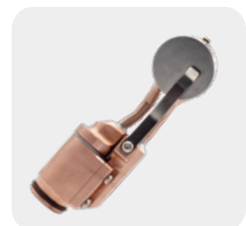
Round coil 2 threads
21 mm (no. 84-014-01)
24 mm (no. 84-014-02)
27 mm (no. 84-014-03)
31 mm (no. 84-014-04)
35 mm (no. 84-014-05)*
38 mm (no. 84-014-06)*



Round coil 1 thread
21 mm (no. 84-011-01)
24 mm (no. 84-011-02)
27 mm (no. 84-011-03)
31 mm (no. 84-011-04)
35 mm (no. 84-011-05)
38 mm (no. 84-011-06)
42 mm (no. 84-011-07)
45 mm (no. 84-011-08)
50 mm (no. 84-012-01)
55 mm (no. 84-012-02)
60 mm (no. 84-012-03)
65 mm (no. 84-012-04)
70 mm (no. 84-012-05)
75 mm (no. 84-012-06)
80 mm (no. 84-012-07)
85 mm (no. 84-012-08)
90 mm (no. 84-012-09)*
95 mm (no. 84-012-10)*
100 mm (no. 84-012-11)*
110 mm (no. 84-012-12)*

* These types/dimensions
of coils only for **DHI-121C**
machine.

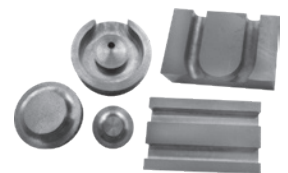
*Round (threaded) and „U“
coils are with heat-resistant
paint finish of surface.*



Round focus coil
25 mm (order no. 84-024-01)
32 mm (order no. 84-023-01)



Rectangular focus coil
33x52 mm
(order no. 84-020-01)








Spare focus coil core

For DHI-100 / 120
round Ø 20 mm
(order no. 09-205-01)
round Ø 32 mm
(order no. 09-200-01)
rectangular 30x50 mm
(order no. 09-206-01)





For DHI-190F HD
round Ø 38 mm
(order no. 12-202-01)
rectangular 33x52 mm
(order no. 12-201-01)

ACCESSORIES

INDUCTORS FOR DHI-120F/C/HD

Coil	Size	DHI-100F / 120F / 120F HD	DHI-100C / 120C / 120C HD
 Round focus coil	32 mm	09-136-01	09-136-01
 Round front focus coil	32 mm	09-117-01	09-117-01
 „U“ profile inductor (Heat-resistant paint finish)	14 mm	09-115-01	09-115-01
	17 mm	x	09-116-01
 Round coil 1 thread (Heat-resistant paint finish)	22 mm	09-103-01	09-103-01
	28 mm	09-104-01	09-104-01
	34 mm	09-105-01	09-105-01
	40 mm	09-106-01	09-106-01
	47 mm	09-107-01	09-107-01
	57 mm	09-108-01	09-108-01
	67 mm	09-109-01	09-109-01
	82 mm	x	09-110-01
 Round coil 2 threads (Heat-resistant paint finish)	22 mm	09-111-01	09-111-01
	28 mm	09-112-01	09-112-01
	34 mm	x	09-113-01
	40 mm	x	09-114-01

INDUCTORS FOR DHI-190F HD

Coil	Size	Order No.
 Rectangular focus coil	33 x 52 mm	12-101-01
 Round focus coil	38 mm	12-102-01
 Round coil 1 thread (Heat-resistant paint finish)	50 mm	12-103-01
	55 mm	12-104-01
	60 mm	12-105-01
	65 mm	12-106-01
	70 mm	12-107-01
	75 mm	12-108-01
 Round coil 2 threads (Heat-resistant paint finish)	24 mm	12-130-01
	27 mm	12-131-01
	31 mm	12-132-01
	35 mm	12-133-01

OTHER ACCESSORIES



Trolley for DHI-4x
(order no. 07-400-01)



Remote control pedal
DHI-4x/120/121 (no. 09-203-02)
DHI-190 (no. 12-200-01)



Coolant
3 l (order no. 91-006)
10 l (order no. 09-210)



Repair kit - paint
Heat-resistant paint
for repairing of damaged
coil coating
Vol. 40 ml (no. 09-211-01)



Repair kit - glue
Two-component adhesive
for bonding ferrite core
to inductor
(no. 09-212-01)

INVERTER RESISTANCE HEATER DHC 6510R

CONTROLLED PREHEATING BEFORE WELDING AND ANEALING

INVERTOR DHC 6510R is designed primarily for controlled annealing of materials after welding to reduce tension and reduce hydrogen content and for preheating before welding up to temperature of 1050°C. It has a temperature regulator and recording for higher-level programming intended particularly for weld annealing. It also allows a multi-zone mode, programme linking and copying, setting multiple regulator values, and more. The recording time is up to 1400 hours.



BASIC SET
DHC 6510R
(order no. 04-004-01)
CD, USB cable








USES

- Energy and petrochemical industry – weld annealing and preheating for pipelines, heat exchangers, boilers, steel vessels, flanges – wherever welds have to be annealed.
- Frame structure construction, shipbuilding – welding of long and short joints – preheating, annealing.
- Extractive industries – preheating of parts before welding.
- Industrial manufacturing – preheating of parts to specific temperature.
- Repairs, renovations, weldons – economic and technology correct preheating of parts, mobility allows inverter use in the field.
- Automotive industry – entire chassis heating before welding in production.
- Wide range of accessories.

ADVANTAGES

- Mobility - weight 17 kg.
- Even heating.
- Power 10,8 kW.
- Can connect up to 4 elements.
- Flexibility of use – power supply 3x 400 V 32 A.
- Intuitive and easy controls – easy to operate.
- Multi-zone mode – can connect 9 machines with one application – heating control in up to zones with a total power output of 95 kW.
- Versatile uses – even heating.
- 3 in 1 – inverter + temperature regulator + recorder.

Preheating of the world's largest mining excavator

							
[V]	[A]	[kW]	-	IP CLASS	[mm]	[kg]	[m]
3x400	25	10.8	Air	21	170x370x405	17	3

Preheating of aluminium tube

PORTABLE INVERTER POWER SUPPLY FOR PREHEATING OF MATERIALS BEFORE WELDING, WELD ANNEALING AND ANNEALING FURNACES

Controller and recorder DHC 6510R – easy programming of the controller. Fast download of data from recording machine and easy work with measured data. Temperature can be controlled from any of the 20 user-adjustable temperature profiles / programs with up to 180 segments or directly to a user-set temperature, which can be changed any time as needed. You can set heating or cooling rate, time over which the temperature should be maintained as well as target temperature, independently in each profile segment as well as in the manual mode of temperature control. Of course, heating power can be controlled directly.

The controller has a user lock in menu for locking settings of PID values. Digital recorder of the course of heating with the capacity of 64 hours of recording is also integrated. Data can be transferred to a PC where it can be further processed, for example for logging the course of heating or its control. Thereby, maximum complexity and simplicity of use of this device was achieved, its control can be handled by anyone.

Technical data	DHC 6510R
Output voltage / current	0-60 V / 180 A, 65 V / 160 A continuously adjustable, CV/CC
Load	Resistance heater elements 24-60 V (type 30 / 42 / 60 V)
Supply voltage/current	3~400 V, 50/60 Hz, 23 A ±15%
Supply fuse	25 A
Temperature sensor	Thermocouple wire K, galvanized isuation
Range / regulation	from -25 to 1200 °C
Alarm	2 adjustable (deviation SV/PV, temperature achieved, etc..)
Fault detection	Thermocouple disconnection, overload, overheating, output short circuit, etc..
Multi-zone control	Yes, master / slave type, max. 9 units
Operating temperatures / coverage	from -20 to 40 °C (with a capacity limit to 50 °C)
Temperature prifiles	20 adjustable profiles in 9 segments
Controller	Digital, user-adjustable
Recorder	Up to 1400 hours of recording, stores and error conditions
Data downloading	Using 485/USB to PC, direct import to Excel

Table with measured data

	A	B	C	D	E	F
File Name	2011-11-01_07_472					
Headline (Proc ID) (Temp [°C])	PVTemp [°C]	MV [%]	Volt [V]	Curr [A]		
0:00:00	10.0	8.0	5	0	0	0
0:00:05	10.0	8.0	5	0	0	0
0:00:10	10.0	8.0	5.5	1.9	44	0
0:00:15	10.0	8.0	5.5	1.9	44	0
0:00:20	10.0	8.0	5.8	3.2	36	5
0:00:25	10.0	8.0	5.8	3.2	36	5
0:00:30	10.0	8.0	5.8	3.1	35.5	5
0:00:35	10.0	8.0	5.8	3.1	36.5	5
0:00:40	10.0	8.0	5.8	3.1	36.5	5
0:00:45	10.0	8.0	5.8	3.1	37	5
0:00:50	10.0	8.0	5.8	3.1	37.5	5
0:00:55	10.0	8.0	5.8	3.1	38	5
0:01:00	10.0	8.0	5.8	3.1	38	5
0:01:05	10.0	8.0	5.8	3.1	38	5
0:01:10	10.0	8.0	5.8	3.1	38	5
0:01:15	10.0	8.0	5.8	3.1	38	5
0:01:20	10.0	8.0	5.8	3.1	38	5
0:01:25	10.0	8.0	5.8	3.1	38	5
0:01:30	10.0	8.0	5.8	3.1	38	5
0:01:35	10.0	8.0	5.8	3.1	38	5
0:01:40	10.0	8.0	5.8	3.1	38	5
0:01:45	10.0	8.0	5.8	3.1	38	5
0:01:50	10.0	8.0	5.8	3.1	38	5
0:01:55	10.0	8.0	5.8	3.1	38	5
0:02:00	10.0	8.0	5.8	3.1	38	5
0:02:05	10.0	8.0	5.8	3.1	38	5
0:02:10	10.0	8.0	5.8	3.1	38	5
0:02:15	10.0	8.0	5.8	3.1	38	5
0:02:20	10.0	8.0	5.8	3.1	38	5
0:02:25	10.0	8.0	5.8	3.1	38	5
0:02:30	10.0	8.0	5.8	3.1	38	5
0:02:35	10.0	8.0	5.8	3.1	38	5
0:02:40	10.0	8.0	5.8	3.1	38	5
0:02:45	10.0	8.0	5.8	3.1	38	5
0:02:50	10.0	8.0	5.8	3.1	38	5
0:02:55	10.0	8.0	5.8	3.1	38	5
0:03:00	10.0	8.0	5.8	3.1	38	5
0:03:05	10.0	8.0	5.8	3.1	38	5
0:03:10	10.0	8.0	5.8	3.1	38	5
0:03:15	10.0	8.0	5.8	3.1	38	5
0:03:20	10.0	8.0	5.8	3.1	38	5
0:03:25	10.0	8.0	5.8	3.1	38	5
0:03:30	10.0	8.0	5.8	3.1	38	5
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0:03:55	10.0	8.0	5.8	3.1	38	5
0:04:00	10.0	8.0	5.8	3.1	38	5
0:04:05	10.0	8.0	5.8	3.1	38	5
0:04:10	10.0	8.0	5.8	3.1	38	5
0:04:15	10.0	8.0	5.8	3.1	38	5
0:04:20	10.0	8.0	5.8	3.1	38	5
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0:04:30	10.0	8.0	5.8	3.1	38	5
0:04:35	10.0	8.0	5.8	3.1	38	5
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0:04:45	10.0	8.0	5.8	3.1	38	5
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0:05:00	10.0	8.0	5.8	3.1	38	5
0:05:05	10.0	8.0	5.8	3.1	38	5
0:05:10	10.0	8.0	5.8	3.1	38	5
0:05:15	10.0	8.0	5.8	3.1	38	5
0:05:20	10.0	8.0	5.8	3.1	38	5
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0:05:30	10.0	8.0	5.8	3.1	38	5
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0:05:45	10.0	8.0	5.8	3.1	38	5
0:05:50	10.0	8.0	5.8	3.1	38	5
0:05:55	10.0	8.0	5.8	3.1	38	5
0:06:00	10.0	8.0	5.8	3.1	38	5
0:06:05	10.0	8.0	5.8	3.1	38	5
0:06:10	10.0	8.0	5.8	3.1	38	5
0:06:15	10.0	8.0	5.8	3.1	38	5
0:06:20	10.0	8.0	5.8	3.1	38	5
0:06:25	10.0	8.0	5.8	3.1	38	5
0:06:30	10.0	8.0	5.8	3.1	38	5
0:06:35	10.0	8.0	5.8	3.1	38	5
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0:06:45	10.0	8.0	5.8	3.1	38	5
0:06:50	10.0	8.0	5.8	3.1	38	5
0:06:55	10.0	8.0	5.8	3.1	38	5
0:07:00	10.0	8.0	5.8	3.1	38	5
0:07:05	10.0	8.0	5.8	3.1	38	5
0:07:10	10.0	8.0	5.8	3.1	38	5
0:07:15	10.0	8.0	5.8	3.1	38	5
0:07:20	10.0	8.0	5.8	3.1	38	5
0:07:25	10.0	8.0	5.8	3.1	38	5
0:07:30	10.0	8.0	5.8	3.1	38	5
0:07:35	10.0	8.0	5.8	3.1	38	5
0:07:40	10.0	8.0	5.8	3.1	38	5
0:07:45	10.0	8.0	5.8	3.1	38	5
0:07:50	10.0	8.0	5.8	3.1	38	5
0:07:55	10.0	8.0	5.8	3.1	38	5
0:08:00	10.0	8.0	5.8	3.1	38	5
0:08:05	10.0	8.0	5.8	3.1	38	5
0:08:10	10.0	8.0	5.8	3.1	38	5
0:08:15	10.0	8.0	5.8	3.1	38	5
0:08:20	10.0	8.0	5.8	3.1	38	5
0:08:25	10.0	8.0	5.8	3.1	38	5
0:08:30	10.0	8.0	5.8	3.1	38	5
0:08:35	10.0	8.0	5.8	3.1	38	5
0:08:40	10.0	8.0	5.8	3.1	38	5
0:08:45	10.0	8.0	5.8	3.1	38	5
0:08:50	10.0	8.0	5.8	3.1	38	5
0:08:55	10.0	8.0	5.8	3.1	38	5
0:09:00	10.0	8.0	5.8	3.1	38	5
0:09:05	10.0	8.0	5.8	3.1	38	5
0:09:10	10.0	8.0	5.8	3.1	38	5
0:09:15	10.0	8.0	5.8	3.1	38	5
0:09:20	10.0	8.0	5.8	3.1	38	5
0:09:25	10.0	8.0	5.8	3.1	38	5
0:09:30	10.0	8.0	5.8	3.1	38	5
0:09:35	10.0	8.0	5.8	3.1	38	5
0:09:40	10.0	8.0	5.8	3.1	38	5
0:09:45	10.0	8.0	5.8	3.1	38	5
0:09:50	10.0	8.0	5.8	3.1	38	5
0:09:55	10.0	8.0	5.8	3.1	38	5
0:10:00	10.0	8.0	5.8	3.1	38	5
0:10:05	10.0	8.0	5.8	3.1	38	5
0:10:10	10.0	8.0	5.8	3.1	38	5
0:10:15	10.0	8.0	5.8	3.1	38	5
0:10:20	10.0	8.0	5.8	3.1	38	5
0:10:25	10.0	8.0	5.8	3.1	38	5
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0:10:45	10.0	8.0	5.8	3.1	38	5
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0:11:30	10.0	8.0	5.8	3.1	38	5
0:11:35	10.0	8.0	5.8	3.1	38	5
0:11:40	10.0	8.0	5.8	3.1	38	5
0:11:45	10.0	8.0	5.8	3.1	38	5
0:11:50	10.0	8.0	5.8	3.1	38	5
0:11:55	10.0	8.0	5.8	3.1	38	5
0:12:00	10.0	8.0	5.8	3.1	38	5
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0:12:30	10.0	8.0	5.8	3.1	38	5
0:12:35	10.0	8.0	5.8	3.1	38	5
0:12:40	10.0	8.0	5.8	3.1	38	5
0:12:45	10.0	8.0	5.8	3.1	38	5
0:12:50	10.0	8.0	5.8	3.1	38	5
0:12:55	10.0	8.0	5.8	3.1	38	5
0:13:00	10.0	8.0	5.8	3.1	38	5
0:13:05	10.0	8.0	5.8	3.1	38	5
0:13:10	10.0	8.0	5.8	3.1	38	5
0:13:15	10.0	8.0	5.8	3.1	38	5
0:13:20	10.0	8.0	5.8	3.1	38	5
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0:13:55	10.0	8.0	5.8	3.1	38	5
0:14:00	10.0	8.0	5.8	3.1	38	5
0:14:05	10.0	8.0	5.8	3.1	38	5
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0:14:50	10.0	8.0	5.8	3.1	38	5
0:14:55	10.0	8.0	5.8	3.1	38	5
0:15:00	10.0	8.0	5.8	3.1	38	5
0:15:05	10.0	8.0	5.8	3.1	38	5
0:15:10	10.0	8.0	5.8	3.1	38	5
0:15:15	10.0	8.0	5.8	3.1	38	5
0:15:20	10.0	8.0	5.8	3.1	38	5
0:15:25	10.0	8.0	5.8	3.1	38	5
0:15:30	10.0	8.0	5.8	3.1	38	5
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0:15:40	10.0	8.0	5.8	3.1	38	5
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0:15:50	10.0	8.0	5.8	3.1	38	5
0:15:55	10.0	8.0	5.8	3.1	38	5
0:16:00	10.0	8.0	5.8	3.1	38	5
0:16:05	10.0	8.0	5.8	3.1	38	5
0:16:10	10.0	8.0	5.8	3.1	38	5
0:16:15	10.0	8.0	5.8	3.1	38	5
0:16:20	10.0	8.0	5.8	3.1	38	5
0:16:25	10.0	8.0	5			

SPLITTING AND EXTENDING DOUBLE CABLES

Order no.	Cable type	No. of terminals	Lenght
04-132-01	Splitting	2	5 m
04-145-01	Splitting	4	4 m
04-141-01	Splitting	4	10 m
04-142-01	Splitting	4	15 m
04-111-01	Extending	1	10 m
04-113-01	Extending	1	15 m



Following connectors available



Dinse (order no. 90-034) a CamLock (order no. 90-033)

COMPENSATION CABLES

Order no.	Cable thickness	Lenght
04-165-01	2x 1.5 mm ²	1 m
04-170-01	2x 1.5 mm ²	5 m
04-161-01	2x 1.5 mm ²	10 m



Thermocouple connector
„male“ (order no. 90-005)
„female“ (order no. 90-006)

THERMOCOUPLE WIRES

Order no.	Wire thickness	Unit of measure	Wire colour
90-002	0.711 mm	1 m	Green/white
90-030	0.711 mm	1 m	Red/yellow



Magnet for thermocouple (order no. 90-026)

INSULATING FABRIC

Order no.	Insulation type	Insulation	Width	length
04-183-01	Tygasil	12 mm	0.3 m	2 m
04-185-01	Tygasil	12 mm	0.3 m	3 m
04-182-01	Tygasil	12 mm	0.3 m	1.6 m
90-018	Tygasil role	12 mm	0.61 m	7.6 m
90-031	Ceramic fibre	13 mm	0.61 m	14.64 m
90-029	Ceramic fibre	25 mm	0.61 m	7.32 m



Insulation
Tygasil role
(order no. 90-018)



Tygasil insulation dimensi-
ons as per table, or can be
adjusted as required



Insulation
„Ceramic Fibre“

RESISTANCE HEATER TROLLEYS



Version for 3 units
(order no. 04-101-01)

Version for 6 units
(order no. 04-102-01)

THERMOCOUPLE WELDER TW163V

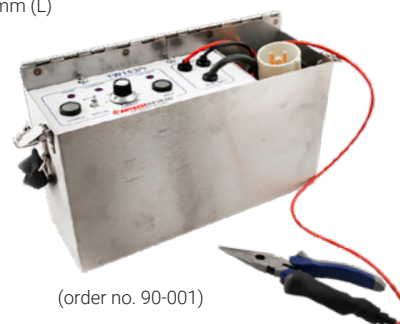
TW163 is a capacitive rechargeable welding unit used to hold a thermocouple. This unit works with a mains connection for charging.

Dimensions:
190 mm (H) x 300 mm (W) x 100 mm (L)

Weight:
4,2 kg

Battery type:
lead, sealed (impermeable)
12 V 2.1Ah

Welding voltage:
37 - 60 V (output 18 to 40 jouln)



(order no. 90-001)

ADDITIONAL ACCESSORIES



Ceramic elemetns resis-
tence wire
(order no. 88-801)



Steel tape tighte-
ning pliers
(order no. 90-015)

Steel tape (order no. 90-011),
steel tape locks
(order no. 90-016)

CONNECTING CABLES WITH USB



Type	Order no.
1x2	04-151-01
1x3	04-152-01
1x6	04-154-01
1x9	04-157-01

RANGE OF MOBILE WORKSHOP AND INDUSTRIAL HEATING DEVICES

Car repair garages and maintenance:

DCI-12 PKW • DHI-15 PKW • DHI-44E for LKW • DHI-121E for LKW • DHI-190F HD for LKW

Affordable price, high mobility, quick heating, high performance, simple operation.



Welding and industrial market:

DHI-44/45F • DHI-45C • DHI-120(F/C) HD • DHI-121(F/C) • DHI-190F HD • DHC 6510R

Manual and automated use, connectivity with PCs, robots and manufacturing lines, high performance and load factor, variability of usage, broader setting options, temperature sensor connection option.



Soldering and brazing:

DHI-45C • DHI-48B • DHI-121C • DHI-120C HD

Optimised for manual and eventual machine brazing.



Lascentrum
welding & cutting

Dealer: