IDUCTOR / HANDHELD INDUCTION HEATER

W2300 POWER+

2300 W · 230 VAC · FOR HEAVY FERROUS PARTS

IDU-W2300
Basic Kit IDU-W2300-BASIC
Professional Kit IDU-W2300-PRO
EAN 8718868455062

2300 W Output, nearly twice the W1200

230 VAC 50–60 Hz · safety class I · 10–16 A socket

4 kg Complete kit, case 49 × 39 × 13 cm

3 years Warranty on the iDuctor unit



Flameless heating of bearings, bushings and hubs

The iDuctor W2300 Power+ is the highest-output handheld induction heater in the iDtools range. It heats ferromagnetic parts from the inside by induction, without an open flame: the coil is placed around or against the part, the trigger is pressed, and the steel expands within seconds while seals, cables, paint and surrounding components stay cold.

With 2300 W the W2300 Power+ is built for mass: heavy bearing housings, large hubs, long sleeves and chassis-size fasteners. It accepts all iDuctor coils, including Flexcoils up to 3.5 m that wrap around parts a fixed coil cannot reach. Coils click into the patented clamping mechanism by hand; no tools are required.

The unit is microprocessor-controlled, protected against overload and overheating, and designed and manufactured in the Netherlands.

DESIGNED FOR

- Bearing inner rings and bearing housings
- Bushings, sleeves and shrink-fitted rings
- Coupling hubs, gears and pulleys
- Seized bolts, nuts, studs and wheel bolts
- Trucks, agricultural and construction machinery, pumps, cranes, industrial maintenance
- All-day use in the workshop; also on parts that are still installed

iDuctor W1200

1200 W · 230 V
Cars, vans, everyday bolts and nuts, small bearings and bushings, tight spaces

iDuctor W2000

2000 W · 230 V or 120 V
Heavier daily work; the only iDuctor also available as a 120 V version

iDuctor W2300 Power+

2300 W · 230 V
Trucks, agricultural and construction machinery, massive parts, all-day use

TECHNICAL SPECIFICATIONS

ELECTRICAL

POWER SUPPLY

Output power	**2300 W**
Voltage	**230 VAC ±10 %**
Frequency	**50–60 Hz**
Protection class	**Class I** Earthed wall socket required
Mains fuse	**10–16 A** No internal fuse; live when plugged in
Generator use	**Permitted** Clean sine wave, 50–60 Hz, adequate power
Power cord	**3.00 m, C13 with IEC lock** EU plug; other plugs on request

CONTROL

Operation	**Trigger push button** Heats only while pressed
Power / time	**Rotary switch, 6 positions** 50–100 %, 20 s to continuous (page 3)
Work light	**White LED on the front** Also flashes to indicate a fault
Cooling	**Integrated fan** Runs until the unit has cooled

COMPLIANCE

Marking	**CE** EMC and Low Voltage Directives
EMC standards	**EN 55011 · EN 61000-6-1** EN 61000-3-2 · EN 61000-3-3
Safety standard	**EN 60335-1**
Origin	**The Netherlands** Designed and manufactured in NL

MECHANICAL & ENVIRONMENT

MECHANICAL

Type	**Handheld induction heater** Angled housing, fan-cooled generator
Coil connection	**Patented clamp** Tool-free coil change in seconds
Coil types	**All iDuctor coils** Fixed M8–M30, Flexcoils 1.1–3.5 m, U-coil, Steerstick, heat pad
Case	**49 × 39 × 13 cm** Impact-resistant case with foam inlay
Kit weight	**4 kg (Basic Kit)** Including case, coils and cord

WORKING ENVIRONMENT

Ambient temperature	**–5 °C to +40 °C**
Relative humidity	**0–90 %, non-condensing**
Ingress protection	**IP20** Indoor use, keep dry
Altitude	**Up to 2000 m above sea level**

MATERIALS HEATED

Suitable	**Ferromagnetic metals** Carbon and low-alloy steel, cast iron, ferritic and martensitic stainless (AISI 410, 430)
Not heated directly	**Aluminium, copper, brass, AISI 304/316** Heat the adjacent steel part instead

PROTECTION

Generator	**Microprocessor-controlled** Reduces power on overload or overheating
Thermal cut-out	**Automatic, self-resetting** Resumes after cooling down
Coil monitoring	**Connection and short-circuit detection** Unit stops, LED flashes

OPERATION

Pos.	Output	Auto switch-off
1	50 %	20 s
2	75 %	20 s
3	100 %	20 s
4	100 %	30 s
5	100 %	60 s
6	100 %	Continuous

How it works. Select the coil that closes around the part without touching it, set the rotary switch and press the trigger. In positions 1–5 the unit stops automatically after the set time; in position 6 it heats for as long as the trigger is held, until the thermal cut-out intervenes. The LED lights the work and the fan cools the generator; keep the unit connected until the fan stops.

Temperature. The iDuctor has no temperature setting: it delivers power, the part determines the result. Steel reaches a few hundred °C within seconds and can be brought to red heat if required. Bearings to be removed need only about 110–120 °C: heat in short bursts and check with an infrared thermometer.



TOOL-FREE COIL CHANGE

Coils and Flexcoils click into the patented clamping mechanism by hand. The connection stays firm during use and swaps in seconds.



POWER AND TIME IN ONE SWITCH

The rotary switch at the rear sets output and automatic switch-off time in six positions. The LED and fan start with the trigger.

KIT CONTENTS

W2300 POWER+ / BASIC KIT



- iDuctor W2300 Power+ in impact-resistant case
- Flexcoil FL2000, Kevlar sleeve to 750 °C
- Heating coils M8 and M10
- 3.00 m power cord with IEC lock
- User manual and safety sheet

IDU-W2300-BASIC · 4 kg

W2300 POWER+ / PROFESSIONAL KIT



- Everything in the Basic Kit
- Power+ coil set, 6 pieces M10–M30 (IDU-SET-COIL-PWR-6PC)
- Covers M8 to M30 from day one

IDU-W2300-PRO

SAFETY NOTES

- Generates a strong magnetic field: keep persons with pacemakers or implants, and magnetic media, away from the coil.
- Coils and heated parts become hot. Let coil and unit cool before changing coils or storing. Wear suitable gloves and eye protection.
- Use only original iDuctor coils; never use a coil with damaged or worn insulation. Do not run a Flexcoil continuously for longer than 30 minutes.
- Connect to an earthed socket fused at 10–16 A. The unit is live as soon as it is plugged in.
- Indoor use only (IP20). Not for persons under 16 without supervision. Maintenance-free; dry cloth only. Read the user manual before first use.

IDTOOLS INTERNATIONAL BV

Minervum 7290 D · NL-4817 ZM Breda · The Netherlands

info@idtools.eu

+31 (0)88 060 65 00

idtools.eu

VAT NL853489257B01 · Chamber of Commerce 59444169
Manual and CE declaration: idtools.eu/manual · idtools.eu/ce-declaration

COMPATIBLE COILS & ACCESSORIES

All coils click into the same clamping mechanism. Fixed coils are listed with internal diameter and overall length (L); Flexcoils are wound in as few turns as the job allows. Temperature rating refers to the coil's insulating sleeve.

Product / order code	Dimensions	Insulation rating
Power+ heating coil M10 IDU-COIL-M10-PWR	Ø 23 mm · L 250 mm	250 °C
Power+ heating coil M12 IDU-COIL-M12-PWR	Ø 26 mm · L 200 mm	250 °C
Power+ heating coil M16 IDU-COIL-M16-PWR	Ø 32 mm · L 200 mm	250 °C
Power+ heating coil M20 IDU-COIL-M20-PWR	Ø 40 mm · L 200 mm	250 °C
Power+ heating coil M24 IDU-COIL-M24-PWR	Ø 47 mm · L 240 mm	250 °C
Power+ heating coil M30 IDU-COIL-M30-PWR	Ø 52 mm · L 240 mm	250 °C
Power+ coil set, 6 pieces M10–M30 IDU-SET-COIL-PWR-6PC	Included in Professional Kit	250 °C
Standard coil set, 8 pieces M8–M30 IDU-SET-COIL-M8-M30-8PC	Ø 18–52 mm · L 150–240 mm	250 °C
Flexcoil FL1100 IDU-FLEX-FL1100	L 1100 mm · Ø 5 mm	750 °C
Flexcoil FL2000 IDU-FLEX-FL2000	L 2000 mm · Ø 5 mm · in both kits	750 °C
Flexcoil FL2500 IDU-FLEX-FL2500	L 2500 mm · Ø 5 mm	750 °C
Flexcoil FL3000 IDU-FLEX-FL3000	L 3000 mm · Ø 5 mm	750 °C
Flexcoil FL3500 IDU-FLEX-FL3500	L 3500 mm · Ø 5 mm	750 °C
U-coil U160-600 IDU-COIL-U160-600	Open U shape · L 600 mm · Ø 8 mm	250 °C
Steerstick Heater 70–200 IDU-COIL-ST70-200	Shaped coil · 200 × 40 × 70 mm	250 °C
Induction heat pad 10 × 10 cm IDU-PAD-100X100	Flat heating surface	—
Power cord EU 3.00 m IDU-CORD-EU-C13	C13 with IEC lock	—

Standard heating coils M8–M30 (IDU-COIL-M8-L150 to IDU-COIL-M30-L240) fit the W2300 Power+ as well; the blue Power+ coils are built for the higher output of the W2000 and W2300 and are not used on the W1200. Prices and volume discounts: see the iDtools dealer price guide. Data sheet v1.1 · 18 November 2026. Specifications subject to change without notice.