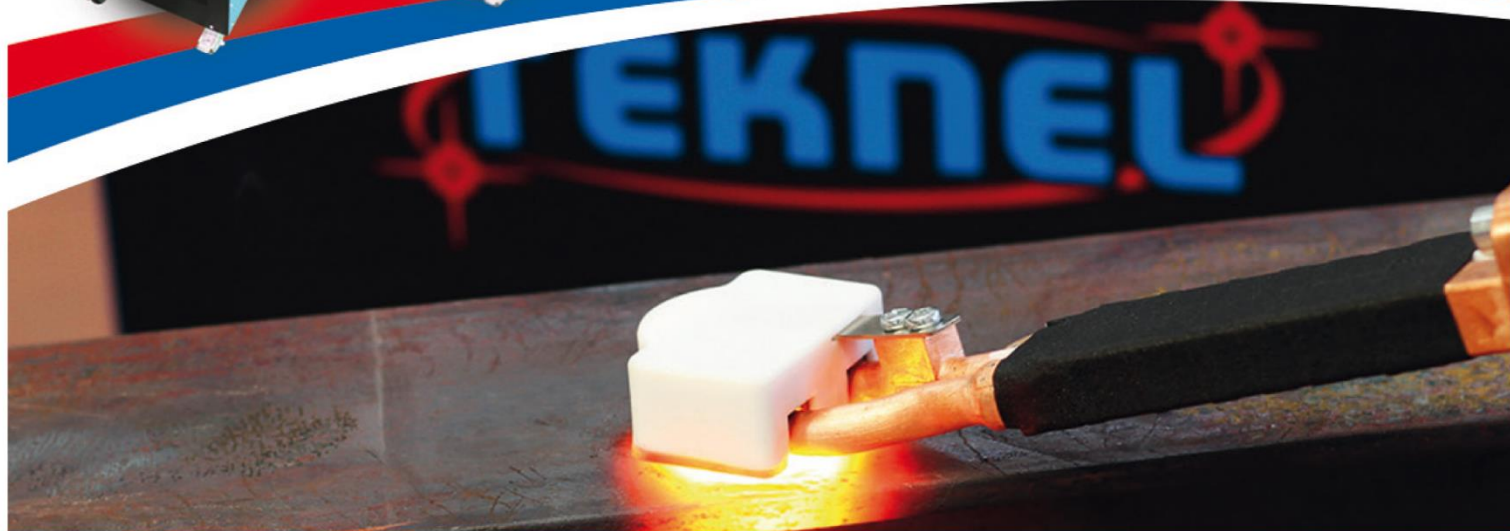


MADE IN ITALY

LOWENER



TEKNEU<sup>®</sup>  
INDUCTION HEATERS



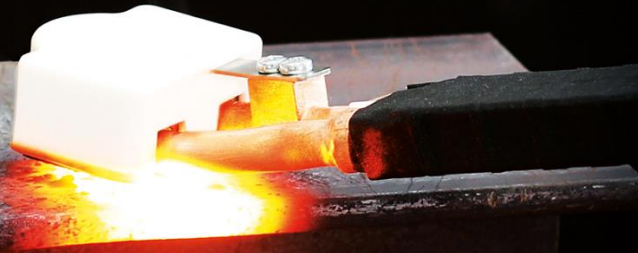
PRODUCTS CATALOGUE

**Teknel:**  
leader in induction heating systems

Quality Made in Italy  
[www.teknel.com](http://www.teknel.com)



ENGLISH



## THE BEST INDUCTION HEATERS

### INDUCTION HEATING

Overheat any type of metal, including aluminium, in a few seconds and improve the quality of the finished product thanks to the Teknel induction heaters. Designed to operate in workshops, structural metal shops, factories and shipyards, they can perform the job in a few seconds.

With traditional heating methods with heating elements or flame, work is carried out slowly and unevenly.

Gas-fuelled flames bring the surface temperature of the metal over 3000°C, with inevitable changes in the structural characteristics.

Induction heating on the other hand only generates heat in the required spot and improves the quality standards of the finished job: it quickly raises the metal to high temperatures, but 500-600 ° C is sufficient to perform straightening, bending operations, pin, bearing, bolt replacement, etc.

Teknel is specialised in the design and production of induction heating systems and boasts a range of unrivalled models. Teknel induction heaters are used in over 40 countries around the world.



### NEW

The range of Teknel heaters is completely new: **it is possible to heat more quickly and work uninterruptedly**. The improved performance comes alongside a new, more modern design. Start working and see the difference for yourself. Teknel, the best heaters ever.

### EFFICIENT

Teknel induction heaters provide a very high efficiency. They heat more and consume less than other machines on the market.

If you use a low efficiency heater, consumption is high and the heating output is low.

Accordingly, on average, using a Teknel induction heater **will save you 300 hours of work** and 1000 € a year on your power bill.

Regardless of the high power of Teknel induction heaters, consumption is very low: this is because of the high efficiency and the very brief operating times of the machines.





## **ECOLOGICAL** - eliminate CO2 emissions.

Fossil fuels are not burned when using a Teknel induction heater.

Without using a flame you can **save up** to 50% and at the same time **help protect the environment avoiding CO2 emissions** due to fossil fuel combustion. If your company is also equipped with photovoltaic panels, greenhouse gas emissions are eliminated and you offer a significant contribution to fighting global warming.



## **SAFE**

No naked flames and cylinders means increased safety in the workplace.

All Teknel heaters are designed to guarantee maximum performance and reliability: each of them is equipped with an **INSULATION TRANSFORMER** to guarantee absolute operator safety, also in the most unexpected and adverse situations.



## **PATENTED CUTTING EDGE TECHNOLOGY**

The machines are managed by a powerful latest generation ARM-Cortex M4 processor with T-DIP (Teknel Digital Induction Processing) technology that guarantees process quality, high adjustment precision and high level of adaptability to various operating conditions.

All of our machines can be connected to company networks interfaced with PCs and PLCs through MODBUS protocol which allows **automating the machine**.

By connecting an external thermocouple or a pyrometer it is possible to take the temperature reading of the piece being heated with extreme precision. It is also possible to set the heating time.

They can also be built with hermetic seal for use in particularly critical environments such as foundries, extraction and industrial plants in general.

Our systems use high power, latest generation IGBT technology protected against short circuits and overcurrent.

Our **automatic temperature control is patented**. Upon reaching the Curie temperature (770 ° C for iron), the heating can be automatically stopped before changing the characteristics of the metal.

We can make torches and tubes of various lengths, with **patented connections for quick replacement** in less than 10 seconds.



<b>BUTTERFLY</b>		Cod. BFH01
<b>3,5 kW</b>	PORTABLE INDUCTION HEATER	

Compact, lightweight and powerful - 3.5kW  
An exceptional induction heater with integrated liquid cooling that allows uninterrupted operation. The compact size body is made entirely out of aluminium. Weighing just 7 kg it is convenient and easy to carry, suitable for workshops, body shops and tyre shops.

It immediately heats the piece, for straightening and releasing elements in **ferrous material or aluminium**, releasing steering arms or rusty bolts, removing grouts and paints.



### TWICE THE HEATING, HALF THE CONSUMPTION AND WEIGHT!

Thanks to its exceptional characteristics of yield, efficiency and weight/power ratio (7kg/3.5kW) this model compares to no other induction heater on the market.

It creates heat directly inside the metal at a depth of 2.5 mm. It can heat a surface area of 30x30mm (thickness 3mm) to red heat (800°C) in just 4 seconds.





It is also equipped with an **INSULATION TRANSFORMER** that protects the operator even in the most unexpected situations.












The machine's circuit board is fully assembled with the latest SMT technology which guarantees high circuit quality and very high efficiency.

- Optional trolley
- Optional torch support arm

### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND358NM	Cod. IND358FRNM	Cod. RND358NM	Cod. IND3RX

										
3,5 kW	SHUCKO 230 V 2P+T+PE 50-60Hz	freq. kHz	20	20 minutes MAX POWER	1,8	4	Liquid Cooling	2,5	7	21x45x26

<b>SPITFIRE</b>		Cod. BFH600
<b>6,2 kW</b>	PORTABLE INDUCTION HEATER	



Presented for the first time at the Automechanika 2018 fair in Frankfurt, the portable Spitfire induction heater is a one-of-a-kind machine for its characteristics: it is compact, it weighs 15 kg, it features 6.2 kW of power and integrated liquid cooling.

Suitable for straightening and releasing **ferrous material and aluminium elements**. The water cooling system makes it possible to perform heating jobs without interruption.



It is the smallest heater of its kind, suitable for workshops, structural metal shops, body shops and tyre shops, for straightening, bending, replacement of bearings, releasing rusty bolts and removing grouts and paints.

Thanks to its compact dimensions it can be easily carried to perform any job, anywhere.

It is also equipped with an **INSULATION TRANSFORMER** that protects the operator even in the most unexpected situations.





The machine's circuit board is fully assembled with the latest SMT technology which guarantees high circuit quality and very high efficiency.



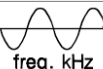








- Optional trolley
- Optional torch support arm

### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.

The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND358NM	Cod. IND358FRNM	Cod. RND358NM	Cod. IND3RX

										
6,2 kW	400 V 16A	freq. kHz 20-50	10	20°C 20 minutes MAX POWER	2	5	Liquid Cooling	2,5	15	Y-cm. X 30x53x25

<b>RAPTOR</b>		Cod. BFH800
<b>8 kW</b>	PORTABLE INDUCTION HEATER	



Teknel has reached a new world record: the first portable heater in the world with 8 kW of power and integrated liquid cooling.

It is equipped with high power electronics managed by a 32-bit ARM-Cortex M4 processor and is considered a prime example of miniaturisation, developed from the experience gained over years through constant research and development.

Suitable for straightening and releasing **ferrous material and aluminium elements**. The water cooling system makes it possible to perform heating jobs without interruption.



It creates heat directly inside the metal at a depth of 5 mm. It can heat a surface area of 15x15mm (thickness 5mm) to red heat (800°C) in a single second.

Thanks to its compact dimensions it can be easily carried to perform any job, anywhere. The lighter weight body is built entirely out of aluminium and the new patented inductor increases the yield by 30%.

Weighing just 16 kg, it is the smallest heater of its kind, suitable for workshops, structural metal shops, body shops and tyre shops, for straightening, bending, replacement of bearings, releasing rusty bolts and removing grouts and paints. Like all of our machines it is equipped with an **INSULATION TRANSFORMER** that guarantees absolute operator safety, even in the most adverse and unexpected situations.



- Optional trolley
- Optional torch support arm
- Possibilità di utilizzo scambiatore supplementare

## HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

### STANDARD INDUCTOR



Cod. IND11ST

### FRONT INDUCTOR



Cod. IND1621FR

### ROUND TIP INDUCTOR



Cod. IND1621R

### RING INDUCTOR



Cod. IND8RX

8 kW	400 V 16A	freq. kHz 15-50	16	20°C 20 minutes MAX POWER	2	5	Liquid Cooling	2,5	30x53x25

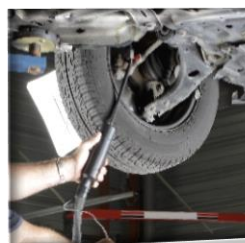
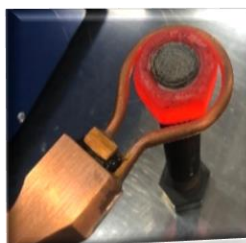
<b>DRAGON 300</b>		Cod. IHD03
<b>3,9 kW</b>	INDUCTION HEATER	



Exceptional efficiency induction heater. Compact yet extremely powerful and efficient. It immediately heats the piece, for straightening and releasing **ferrous material or aluminium elements**. The liquid cooling system makes it possible to perform heating jobs for prolonged amounts of time without interruption.

It creates heat directly inside the metal at a depth of 2.5 mm. It can heat a surface area of 30x30mm (thickness 3mm) to red heat (800°C) in just 3 seconds. No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts. Weighing just 39 kg it is small and convenient, suitable for workshops, body shops and tyre shops.





The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.







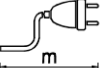
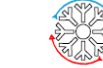





### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.

The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND358NM	Cod. IND358FRNM	Cod. RND358NM	Cod. IND3RX

										
3,9 kW	✓	20-60	20	45 minutes MAX POWER	3	6	Liquid Cooling	5	39	43x43x62



<b>DRAGON 400</b>		Cod. IHD04
<b>3,9 kW</b>	INDUCTION HEATER	

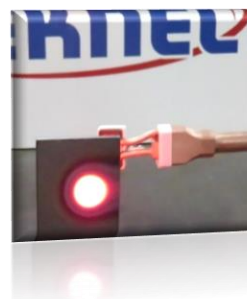
Exceptional efficiency induction heater. Extremely powerful and efficient. It immediately heats the piece, for straightening and releasing **ferrous material or aluminium elements**. The liquid cooling system, upgraded in comparison to the 3.9 kW model, makes it possible to perform heating jobs for much longer amounts of time without interruption.

It creates heat directly inside the metal at a depth of 2.5 mm. It can heat a surface area of 30x30mm (thickness 3mm) to red heat (800°C) in just 3 seconds. No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts. Weighing just 60 kg it is quite compact and convenient, suitable for car shops, body shops and tyre shops.

The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.

It performs all of the most common heating, straightening, bending, nut and bearing replacement operations quickly and easily.





- Optional: Timer to set the operating time






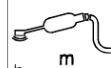
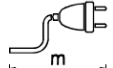






### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.

The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND358NM	Cod. IND358FRNM	Cod. RND358NM	Cod. IND3RX

										
3,9 kW	SHUCKO 230 V 2P+T+PE 50-60Hz	freq. kHz	20	continuous	3	10	BOOSTED Liquid Cooling	20	63	43x43x104



**DRAGON 500 - 230V**

Cod. IHD05

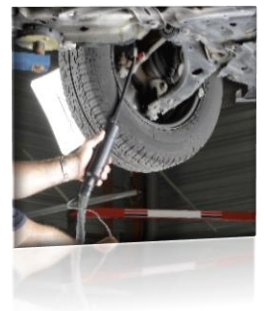
**5,4 kW****INDUCTION HEATER**

With 5.4kW of power and single-phase 230V power supply, this machine with compact dimensions and exceptional efficiency is the perfect solution for shops that do not have three-phase 400V.

It immediately heats the piece, for heating, straightening and releasing **ferrous material or aluminium elements**. The very powerful liquid cooling system makes it possible to perform heating jobs continuously without interruption.

With its 65 kg it is easy to handle and takes up very little space, used in body shops and car shops for straightening, bending, bearing replacement and bolt release operations. It is also equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected situations.

- Optional: Timer to set the operating time

### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.

The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

#### STANDARD INDUCTOR



Cod. IND358NM

#### FRONT INDUCTOR



Cod. IND358FRNM

#### ROUND TIP INDUCTOR






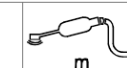
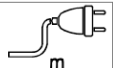






Cod. RND358NM

#### RING INDUCTOR



Cod. IND3RX

										
5,4 kW	230 V 16A	freq. kHz 20-50	25	continuous	3	10	Liquid Cooling	20	65	43x43x104

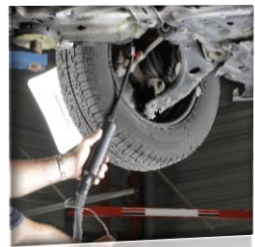
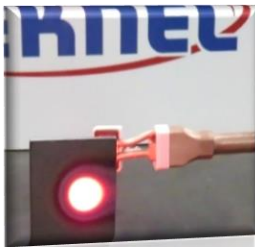


<b>DRAGON 600</b>		Cod. IHD06
<b>6,2 kW</b>	INDUCTION HEATER	

With 6.2kW of power and 400V three-phase power supply, this machine with compact dimensions and exceptional efficiency is the perfect solution for car workshops.

It immediately heats the piece, for heating, straightening and releasing **ferrous material or aluminium elements**. The very powerful liquid cooling system makes it possible to perform heating jobs continuously without interruption.

Weighing just 65 kg, it is the smallest heater of its kind, suitable for workshops, body shops and structural metal shops, for straightening, bending, replacement of bearings, releasing rusty bolts, removing grouts and paints. It is also equipped with a special **ISOLATING TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected situations.




### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.


The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

**STANDARD INDUCTOR**




Cod. IND358NM

**FRONT INDUCTOR**



Cod. IND358FRNM

**ROUND TIP INDUCTOR**



Cod. RND358NM

**RING INDUCTOR**



Cod. IND3RX

6,2 kW	400 V 16A	freq. kHz 20-50	10	20°C continuous	3 m	10 m	Liquid Cooling	20 lt	65 Kg	43x43x104

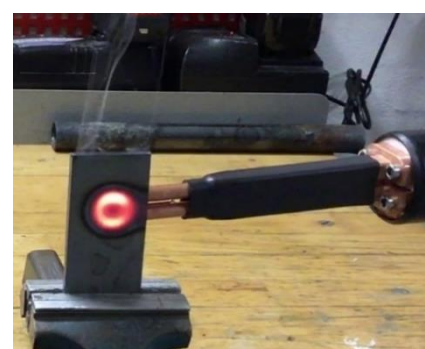


<b>DRAGON 800</b>		Cod. IHD08
<b>8 kW</b>	INDUCTION HEATER	

8 kW three-phase 400V Induction Heater. With compact dimensions, excellent for structural metal shops and top of the range for workshops and body shops that also work on commercial vehicles. It immediately heats the piece, for heating, straightening and releasing elements in **ferrous material or aluminium**, to straighten frames, release joints or rusty bolts, remove grouts and paints.





The very powerful liquid cooling system makes it possible to perform heating jobs without interruption. Its compact size means it occupies very little space in the workshop.



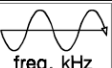


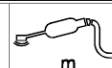

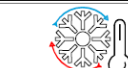


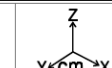
It is also equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected situations.



### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND11ST	Cod. IND1621FR	Cod. IND1621R	Cod. IND8RX

										
8 kW	400 V 16A	freq. kHz 15-50	16	20°C continuous	4	10	Liquid Cooling	20	80	43x43x104



<b>DRAGON 1000</b>		Cod. IHD1000
<b>11 kW</b>	INDUCTION HEATER	

Induction heater with 11 kW three-phase 400V power, suitable for structural metal shops, workshops and body shops that work on commercial vehicles and lorries. It immediately heats the piece, for straightening frames of **ferrous material and aluminium**, to release joints or rusty bolts, straighten transmission shafts, remove bearings, pre-heating etc.

Powerful and efficient, it creates heat directly inside the metal at a depth of 5 mm. It can heat a surface area of 40x40mm (thickness 10mm) to red heat (800°C) in just 6 seconds.

No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts.

The liquid cooling system is very powerful and makes it possible to perform heating jobs for prolonged amounts of time without interruption.








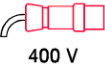
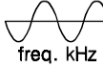
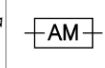

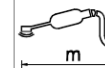
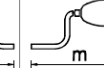



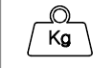
Weighing 95 kg it is compact and the braking wheels make it easy to move.

The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.

### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND11ST	Cod. IND1621FR	Cod. IND1621R	Cod. IND8RX

										
11 kW	400 V 16A	freq. kHz 15-50	16	20°C continuous	5	10	Liquid Cooling	25	100	50x50x100



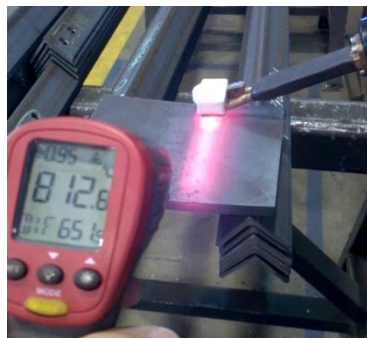
<b>DRAGON 1300</b>		Cod. IHD1300
<b>13 kW</b>	INDUCTION HEATER	

Induction heater with 13 kW three-phase 400V power, suitable for structural metal shops, workshops and body shops that work on commercial vehicles and lorries. It immediately heats the piece, for straightening frames of **ferrous material and aluminium**, to release joints or rusty bolts, straighten transmission shafts, remove bearings, pre-heating etc.

Powerful and efficient, it creates heat directly inside the metal at a depth of 5 mm. It can heat a surface area of 40x40mm (thickness 10mm) to red heat (800°C) in just 5 seconds.

No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts.

The liquid cooling system is very powerful and makes it possible to perform heating jobs for prolonged amounts of time without interruption.



Weighing 95 kg it is compact and the braking wheels make it easy to move. The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.

### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

**STANDARD INDUCTOR**

Cod. IND11ST

**FRONT INDUCTOR**

Cod. IND1621FR

**ROUND TIP INDUCTOR**

Cod. IND1621R

**RING INDUCTOR**

Cod. IND8RX

13 kW	400 V 16A	freq. kHz 15-50	16	20°C continuous	5	10	Liquid Cooling	25	100	50x50x100

<b>DRAGON 2000</b>		Cod. IHD2000
<b>16 kW</b>	INDUCTION HEATER	



Perfect induction heater for structural metal shops and workshops that constantly work on commercial vehicles, lorries, trucks and heavy vehicles in general and which need to heat large thicknesses of metal in just a few seconds. It immediately heats the piece, for straightening frames of **ferrous material and aluminium**, to remove king pins, to release joints or rusty bolts, straighten transmission shafts, remove bearings, pre-heating etc.

Featuring exceptional power and efficiency, it creates heat directly inside the metal at a depth of 6 mm. It can heat a surface area of 40x40mm (thickness 12mm) to red heat (800°C) in just 4 seconds.

No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts.





The liquid cooling system is very powerful and makes it possible to perform heating tasks for prolonged amounts of time without interruption. Weighing 150 kg it is easy to move thanks to the sturdy braking wheels.












The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.



### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND1621ST	Cod. IND1621FR	Cod. IND1621R	Cod. IND8RX

										
16 kW	400 V 32A	freq. kHz 15-50	25	20°C continuous	6	10	Liquid Cooling	25	150	51x60x111



<b>XPERIENCE 18</b>		Cod. XP18
<b>18 kW</b>	INDUCTION HEATER	



New induction heater with exceptional power and efficiency, designed to **heat every type of metal, including aluminium.**

With 18kW of power it is among the top range of machines for structural metal shops and workshops that constantly work on commercial vehicles, lorries, trucks, farming equipment and heavy vehicles in general and which need to heat large thicknesses of metal in just a few seconds, for extended work times.





It immediately heats the piece, for straightening frames of **ferrous material and aluminium**, to remote king pins, to release joints or rusty bolts, straighten transmission shafts, remove bearings, pre-heating etc. It creates heat directly inside the metal and can heat a surface area of 40x40 (thickness of 16mm) to red heat (800°C) in just 4 seconds.












No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts. The liquid cooling system is very powerful and makes it possible to perform heating jobs for prolonged amounts of time without interruption. Weighing 150 kg it is easy to move thanks to the sturdy braking wheels. It is also equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected situations. - Optional: PLC to control automatic processes, even remotely.



### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

STANDARD INDUCTOR	FRONT INDUCTOR	ROUND TIP INDUCTOR	RING INDUCTOR
			
Cod. IND1621ST	Cod. IND1621FR	Cod. IND1621R	Cod. IND8RX

										
18 kW	400 V 32A	freq. kHz 15-50	32	20°C continuous	6	10	Liquid Cooling	25	150	51x60x111



<b>XPERIENCE 22</b>		Cod. XP22
<b>22 kW</b>	INDUCTION HEATER	

Faster and more powerful than ever! Designed to **heat every type of metal including aluminium.**

Top of the range for structural metalwork shops and workshops that constantly work on commercial vehicles, lorries, trucks, farming equipment, wheel loaders for quarries and mines and that need to heat large metal thicknesses in just a few seconds; it can work for a long time without interruption thanks to the extremely powerful double liquid cooling system.

It immediately heats the piece, for straightening frames of **ferrous material and aluminium**, to remove king pins, to release captive screws, rusty joints or bolts, straighten transmission shafts, remove bearings, pre-heating etc.

It creates heat directly inside the metal and can heat a surface area of 40x40 (thickness of 16mm) to red heat (800°C) in just 3 seconds.

No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts.

It is also equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected situations.



### HIGH EFFICIENCY INDUCTORS

Wide range of inductors designed to provide maximum power. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

**STANDARD INDUCTOR**

Cod. IND1621ST

**FRONT INDUCTOR**

Cod. IND1621FR

**ROUND TIP INDUCTOR**

Cod. IND1621R

**RING INDUCTOR**

Cod. IND8RX

22 kW	400 V 32A	freq. kHz 15-50	32	20°C continuous	6	10	DOUBLE Liquid Cooling	30	190	101x64x95





<b>BUTTERFLY EVOLUTION</b>	Cod. BFHEVO
<b>3,5 kW</b>	<b>PORTABLE INDUCTION HEATER FOR BODYSHOP</b>

Designed for body work shops. One-of-a-kind for its characteristics, it combines the possibility of using the 3.5kW liquid-cooled power torch and the specific body shop accessories, suitable for easily removing adhesives without leaving glue residues, raising dents caused by hail and easily removing fixed vehicle windows. It immediately heats the piece, for straightening and releasing **ferrous material or aluminium elements**. The liquid cooling system makes it possible to perform heating tasks without interruption. No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts. Weighing 9 kg it is the smallest heater of its kind, suitable for body work shops, tyre shops and car shops. The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.



**TWICE THE HEATING, HALF THE CONSUMPTION AND WEIGHT!**





Thanks to its exceptional characteristics of yield, efficiency and weight/power ratio (9kg/3.5kW) this model compares to no other induction heater on the market.

The liquid-cooled power inductor creates heat directly inside the metal at a depth of 2.5 mm. It can heat a surface area of 30x30mm (thickness 3mm) to red heat (800°C) in just 4 seconds.

- Optional: trolley
- Optional: torch support arm
- Possibility of using air-cooled auto body accessories.

**NEW PATENTED INDUCTORS WITH QUICK CONNECTION**

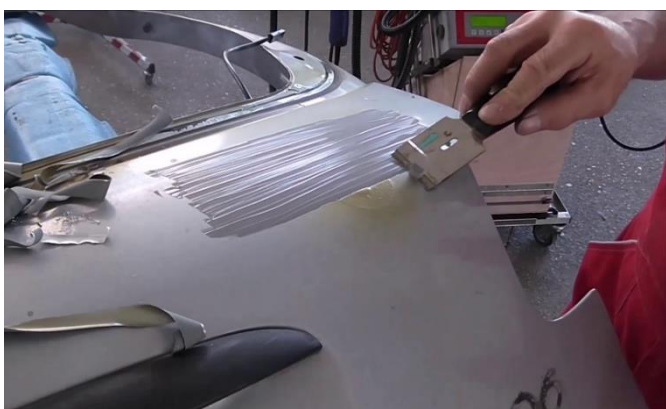
Wide range of patented inductors which increases its efficiency, easy to replace in seconds. The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.






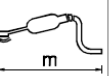
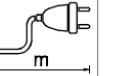




<i>STANDARD INDUCTOR</i>	<i>FRONT INDUCTOR</i>	<i>ROUND TIP INDUCTOR</i>	<i>RING INDUCTOR</i>
			
Cod. IND358NM	Cod. IND358FRNM	Cod. RND358NM	Cod. IND3RX

## AUTO BODY ACCESSORIES

Specially designed for body work, they allow you to easily remove dents without having to repaint, remove adhesives or mouldings without leaving glue residues, remove rear windows and the fixed side windows by dissolving the glue that seals them, without leaving putty on the body.

<p><b>GLASS REMOVER</b></p>		<p><b>STICKERS REMOVER</b></p>	
	<p>Cod. DF3GR</p>		<p>Cod. DF3SR</p>
<p><b>"GUNSHOT" HAIL DENTS REMOVER</b></p>		<p><b>"SQUARE" HAIL DENTS REMOVER</b></p>	
	<p>Cod. DF3DR</p>		<p>Cod. DF3DR1</p>



										
3,5 kW	√	20-60	20	30 minutes (accessories air cooling 20 min.) MAX POWER	1,8	4	Liquid Cooling	1,5	9	21x45x26

<b>DRAGON 300 EVOLUTION</b>	Cod. IHDEVO
<b>3,9 kW</b>	INDUCTION HEATER FOR BODYSHOP



Designed for body work shops.

One-of-a-kind for its characteristics, it combines the possibility of using the 3.9kW liquid-cooled power torch and the specific body shop accessories, suitable for easily removing adhesives without leaving glue residues, raising dents caused by hail and easily removing fixed vehicle windows.

It immediately heats the piece, for straightening and releasing **ferrous material or aluminium elements**. In comparison to the portable system, it has an upgraded liquid cooling system that makes it possible to perform heating jobs for much longer amounts of time without interruption.

No naked flames means it is also possible to work near cables, pipes or other heat-sensitive parts.

Weighing just 39 kg it is small and convenient, suitable for body shops, tyre shops and car workshops.


The machine is equipped with a special **INSULATION TRANSFORMER** that guarantees maximum operator safety, even in the most unexpected conditions.





### NEW PATENTED INDUCTORS WITH QUICK CONNECTION

Wide range of patented inductors which increases its efficiency, easy to replace in seconds.

The flux concentrator and the protective cap resistant to high temperatures are blocked without glue.

<b>STANDARD INDUCTOR</b>

Cod. IND358NM

<b>FRONT INDUCTOR</b>

Cod. IND358FRNM

<b>ROUND TIP INDUCTOR</b>

Cod. RND358NM

<b>RING INDUCTOR</b>

Cod. IND3RX

## AUTO BODY ACCESSORIES

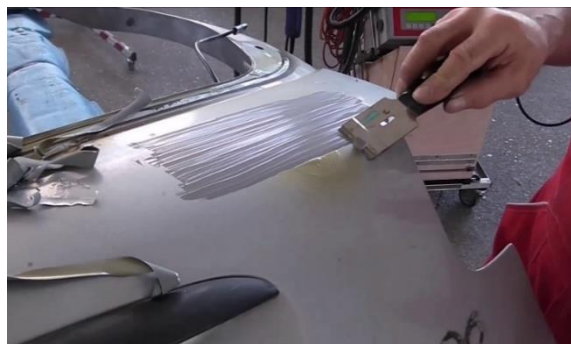
Specially designed for body work, they allow you to easily remove dents without having to repaint, remove adhesives or mouldings without leaving glue residues, remove rear windows and the fixed side windows by dissolving the glue that seals them, without leaving putty on the body.






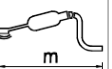
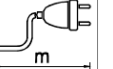




<p><b>GLASS REMOVER</b></p>		<p><b>STICKERS REMOVER</b></p>	
	<p>Cod. DF3GR</p>		<p>Cod. DF3SR</p>
<p><b>"GUNSHOT" HAIL DENTS REMOVER</b></p>		<p><b>"SQUARE" HAIL DENTS REMOVER</b></p>	
	<p>Cod. DF3DR</p>		<p>Cod. DF3DR1</p>

### TWICE THE HEATING, HALF THE CONSUMPTION AND WEIGHT!

Thanks to its exceptional characteristics of yield, efficiency and weight this model compares to no other induction heater on the market.

The liquid-cooled power inductor creates heat directly inside the metal at a depth of 2.5 mm. It can heat a surface area of 30x30mm (thickness 3mm) to red heat (800°C) in just 3 seconds.



										
3,9 kW	SHUCKO 230 V 2P+T+PE 50-60Hz	freq. kHz	20	20°C 45 minutes (accessories air cooling 20 min.) MAX POWER	3	6	Liquid Cooling	5	39	43x43x62



<b>HORNET</b>		Cod. DF3
<b>3 kW</b>	PORTABLE INDUCTION HEATER FOR BODYSHOP	



Designed for the body shop. 3kW of power and 5 kg of weight. It is possible to use 5 accessories for specific use on body work, to detach stickers and mouldings without leaving residues of glue on the paint, release bolts, detach fixed windows and raise dents caused by hail.

Ideal for removing any type of material glued onto metal surfaces, removing paint, fixed rear and side windows, mouldings, anti-drumming compounds and adhesives, without leaving glue residues.

It releases rusty bolts or removes dents caused by hail, saving many hours of work. With the accessories it removes stickers, windows and heats bolts, it is also possible to work on aluminium.

<b>STICKERS REMOVER</b>	
Cod. DF3SR	

### AUTO BODY ACCESSORIES

Specially designed for body work, they allow you to easily remove dents without having to repaint, remove adhesives or mouldings without leaving glue residues, remove rear windows and the fixed side windows by dissolving the glue that seals them, without leaving putty on the body.

<b>GLASS REMOVER</b>	
Cod. DF3GR	

<b>BOLTS HEATER</b>	
Cod. DF3BH	

<b>"GUNSHOT" HAIL DENTS REMOVER</b>	
Cod. DF3DR	

<b>"SQUARE" HAIL DENTS REMOVER</b>	
Cod. DF3DR1	

SHUCKO 230 V 2P+T+PE 50-60Hz	freq. kHz	20-60	20	20 minutes MAX POWER	3	3	Air Cooling	/	4,5	21x45x22
3 kW	✓									



<b>WASP</b>		Cod. WSP1
<b>400 W</b>	PORTABLE INDUCTION HEATER FOR BODYSHOP	

Designed to remove hail dents. New design and new electronics with possibility of using 2 accessories.

Thanks to the magnetic field produced by the induction, the metal is "drawn" by the heat, raising the dent. All without damaging the paint, saving hours of work.

Thanks to its compact size and weight of only 3 kg, it is easy to carry. The machine's power adjustment means it can be set according to the thickness of the metal being processed. The start button is located directly on the interchangeable accessory to work more easily without pedals.



## AUTO BODY ACCESSORIES

Specially designed for body work, they allow you to easily remove dents without having to repaint.

<b>"GUNSHOT" HAIL DENTS REMOVER</b>	
Cod. WDR	

<b>"SQUARE" HAIL DENTS REMOVER</b>	
Cod. WDRC	

0,4 kW	√	20-60	2	20 minutes MAX POWER	3	3	Air Cooling	/	3,5	16x30x22





# TEKNEL



## Induction heaters for:

- Sheet metal drawing
- Steel hardening
- Pulley hardening
- Braze welding
- Shrink fitting
- Pre-heating
- Sheet metal tempering
- Sheet metal drawing
- Tie rod straightening
- Frame straightening
- Bearing removal
- Grout and paint removal
- Bolt and nut release
- King pin removal
- Transmission shaft straightening
- Rigid axis straightening
- Spring straightening or bending
- Suspension and shock absorber removal
- Brake duct processing
- Ball joint release
- Muffler release
- Lambda probe release
- Steering arm release
- Exhaust release
- Wheel bolt release
- Rusty pins and captive screw release

**TEKNEL**

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