



MOBILE INDUCTION & RESISTANCE HEATERS

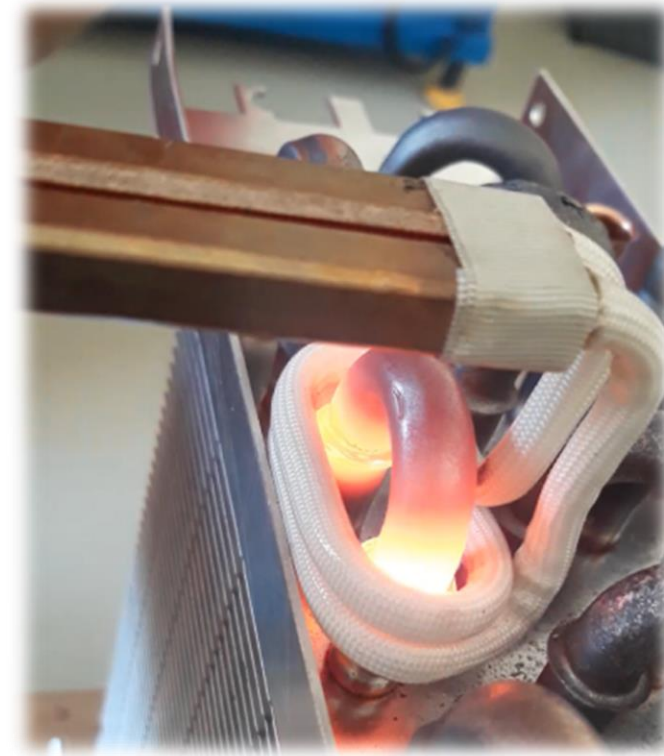
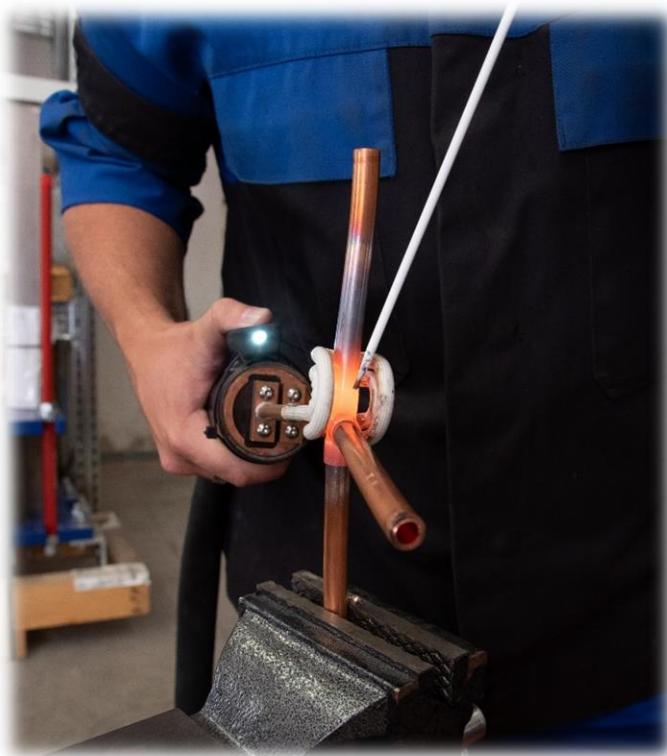
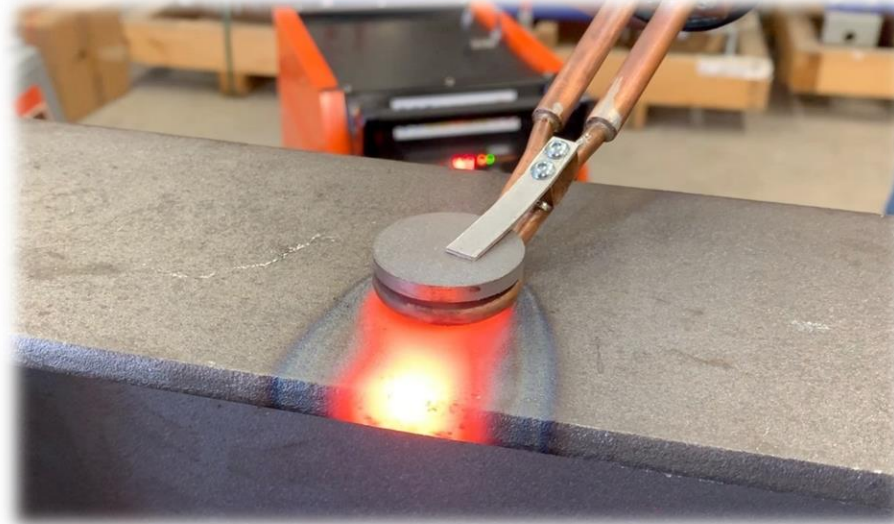
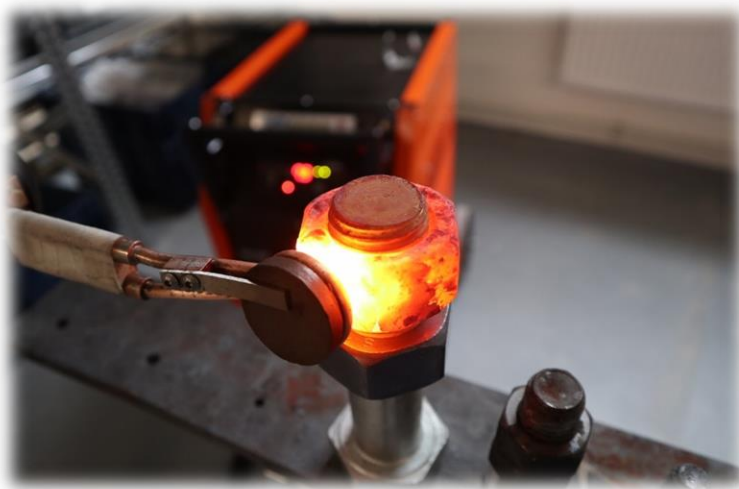
Radek Finda

Senior sales manager

r.finda@dawell.cz

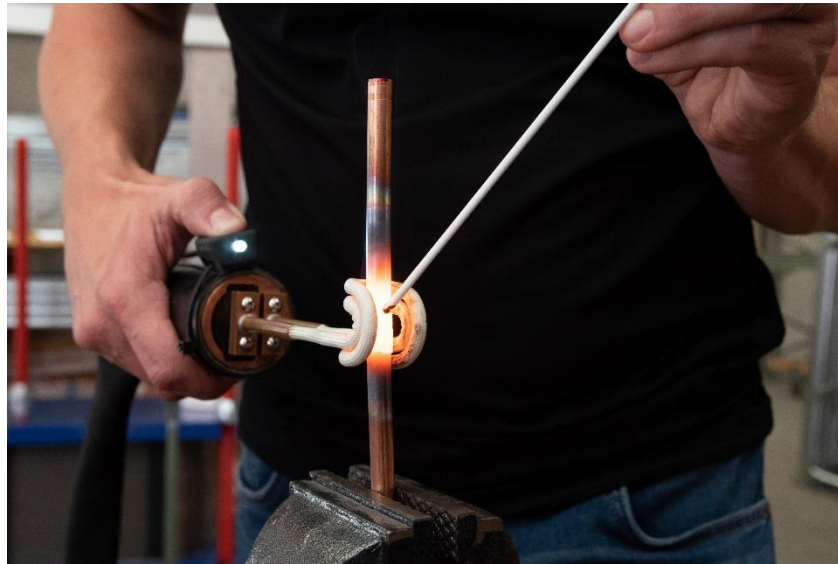
+420 725 536 306

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INDUCTION HEATING

- replacement of open flame
- mobility, efficiency, safety
- preheating before welding, straightening, brazing, annealing, melting, hardening, bending, for maintenance, rusty bolts loosening etc.



OUR PRODUCTS

- 15 basic types of heaters
- divided into 4 main segments
- wide accessories range
- after-sales service and customer care



AUTOMOTIVE

HEAVY INDUSTRY

WELDING

BRAZING

Auto- und Reparaturwerkstätten: DCI-12 PKW / DHI-15 PKW / DHI-22 PKW / DHI-2 WIN /

DHI-44E LKW / DHI-120E LKW erschwinglich, hohe Mobilität, rasches Erwärmen, hohe Leistung, einfache Bedienung.



Schweiß- und Industriemarkt: DHI-44/45F / DHI-45C / DHI-100(F/C)/120 (F/C/HD) /

DHC-6510R Manuelle und automatisierte Verwendung, Konnektivität mit PC und Robotern, Fertigungsstraßen, hohe Leistung und hoher Belastungsfaktor, variable Verwendung, breite Einstellungsmöglichkeiten, Temperaturfühler anschließbar



Weich- und Hartlöten:

DHI-45C /

DHI-100C/120C/120C HD

Optimiert für Handlöten und ggf. Maschinenlöten



DAWELL CZ s.r.o.
Budischowského 1073
674 01 Třebíč
Tschechien

OUR INDUCTION VS. OPEN FLAME

USUAL ENERGY COSTS

0,1 € / l

0,02 € / l

0,2 € / kWh



ONE HOUR OF OPERATION

500 l / h

500 l / h

10 kW / h

50 € / h

10 € / h

2 € / h

60 € / h

2 € / h

COMPARABLE HEATING EFFECT
X
DIFFERING OPERATING COSTS

FURTHERMORE,
INDUCTION DOES
NOT REQUIRE:

- welding licence, regular training
- personal protective equipment (PPE)
- fire protection
- cylinder rental costs



- Lower operating costs
- Safe usage
- Heating point precision
- Heating rate
- High mobility
- Very quiet operation
- Ecological

**RETURN ON
INVESTMENT**
according to type
of application
Up to 1 year.

Height: 760mm



58kg



>100 kg

FROM THE CUSTOMER'S PERSPECTIVE

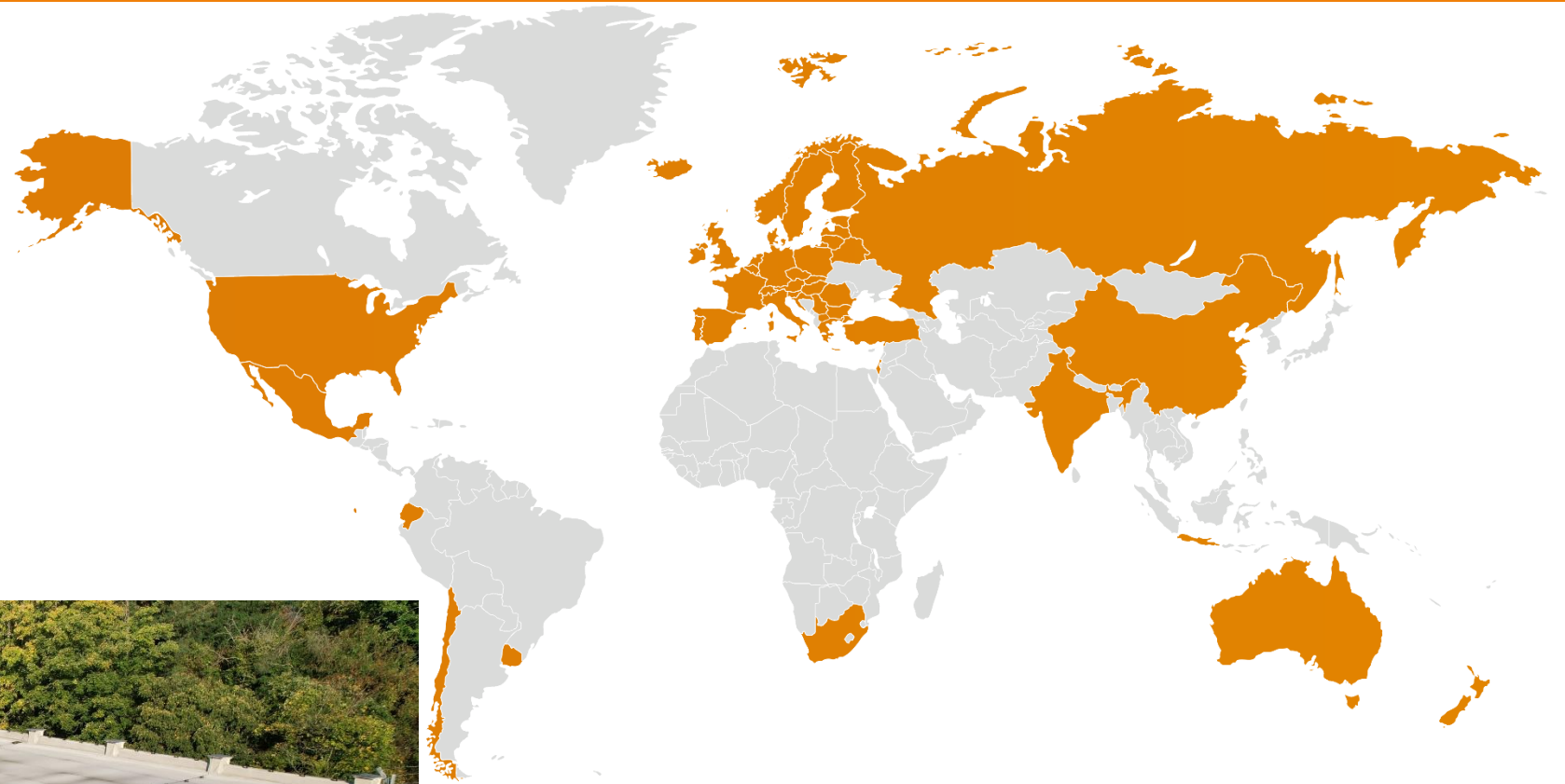
- no need to store explosive cylinders
- easier worker training
- while brazing, we can precisely regulate the machine with a timer and performance
- induction can be integrated into semi-automatic/automatic workstations





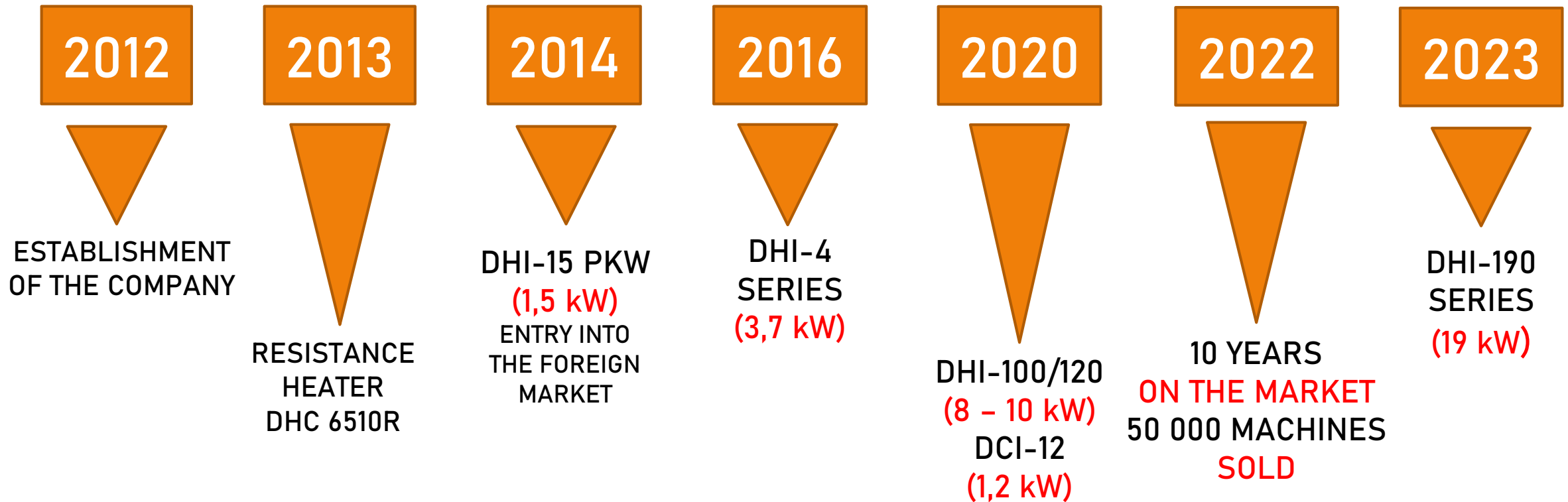
ABOUT US

- 100% Czech company
- founded in 2012, 10 years of experience on the international market
- sold more than 50 000 units of induction and resistance heaters
- more than 45 export destinations worldwide
- constant growth – at least 15 % a year
- HQ in Třebíč (production, sales department, service), R&D in Brno



MILESTONES

(MEILENSTEINE)



DHI-120F/C

- Preheating / bending / brazing / straightening etc.
- 10 kW/12 kVA
- 58 kg; 400x760x700 mm; water cooling included
- 4m burner
- wide range of accessories
 - 1-turn round coil up to 90 mm
 - 2-turn round coil up to 40 mm
 - U-coil up to 34 mm

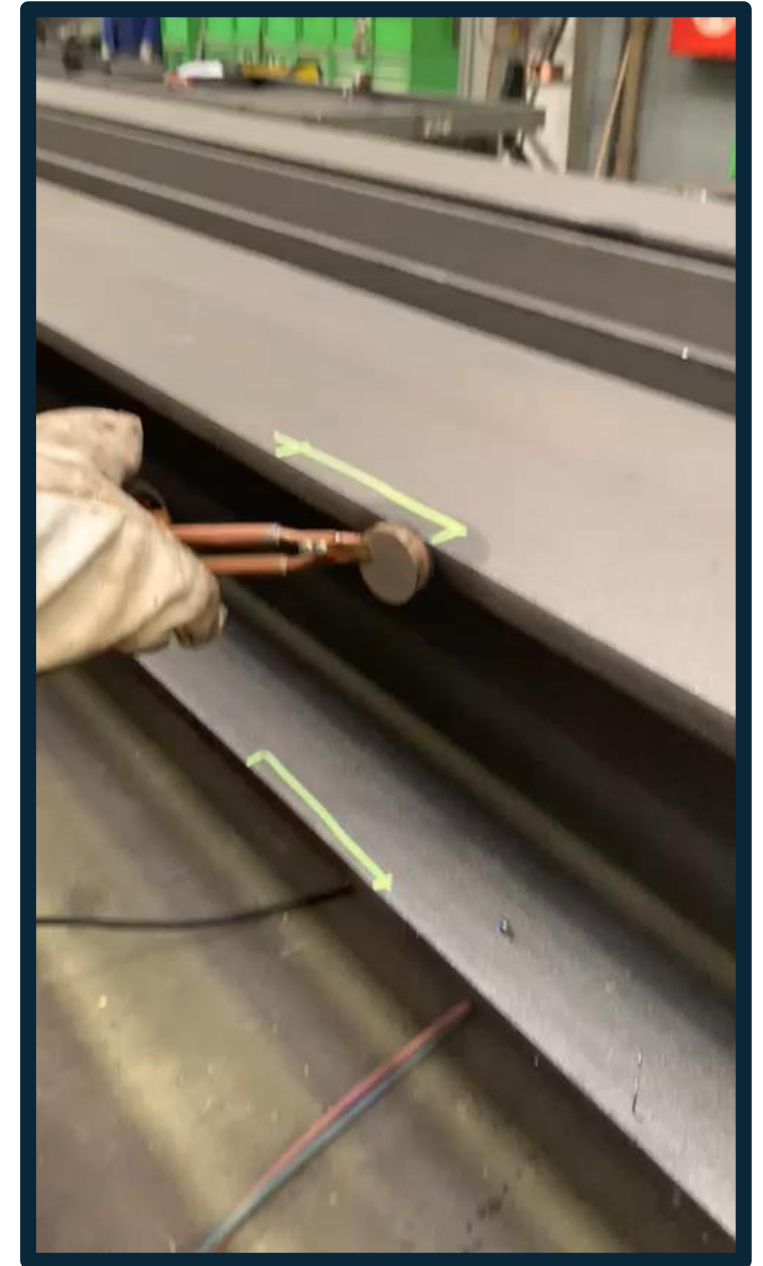


DHI-120 HD

- higher duty cycle
- improved cooling system
- stronger pump
- 4-10m burner
- 68 kg; 400x760x700 mm



STRAIGHTENING

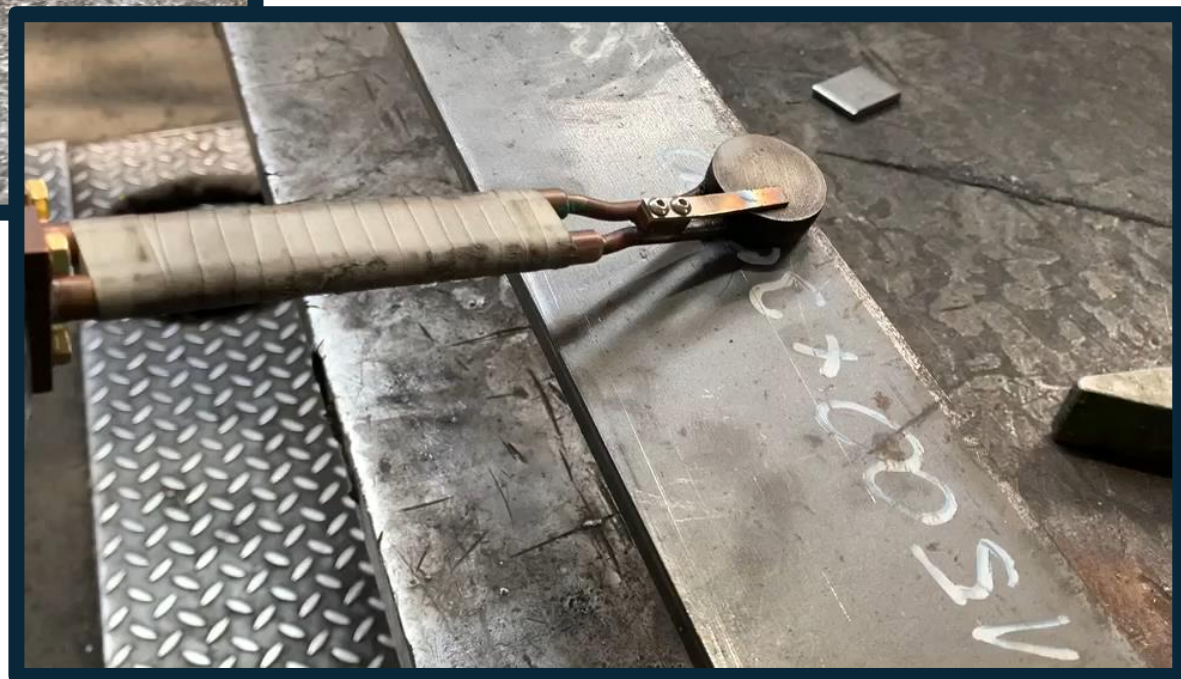




STRAIGHTENING BEFORE PROCESSING
60MM CARBON STEEL



STRAIGHTENING OF 20MM SHEET METAL
AFTER CUTTING PROCESSING



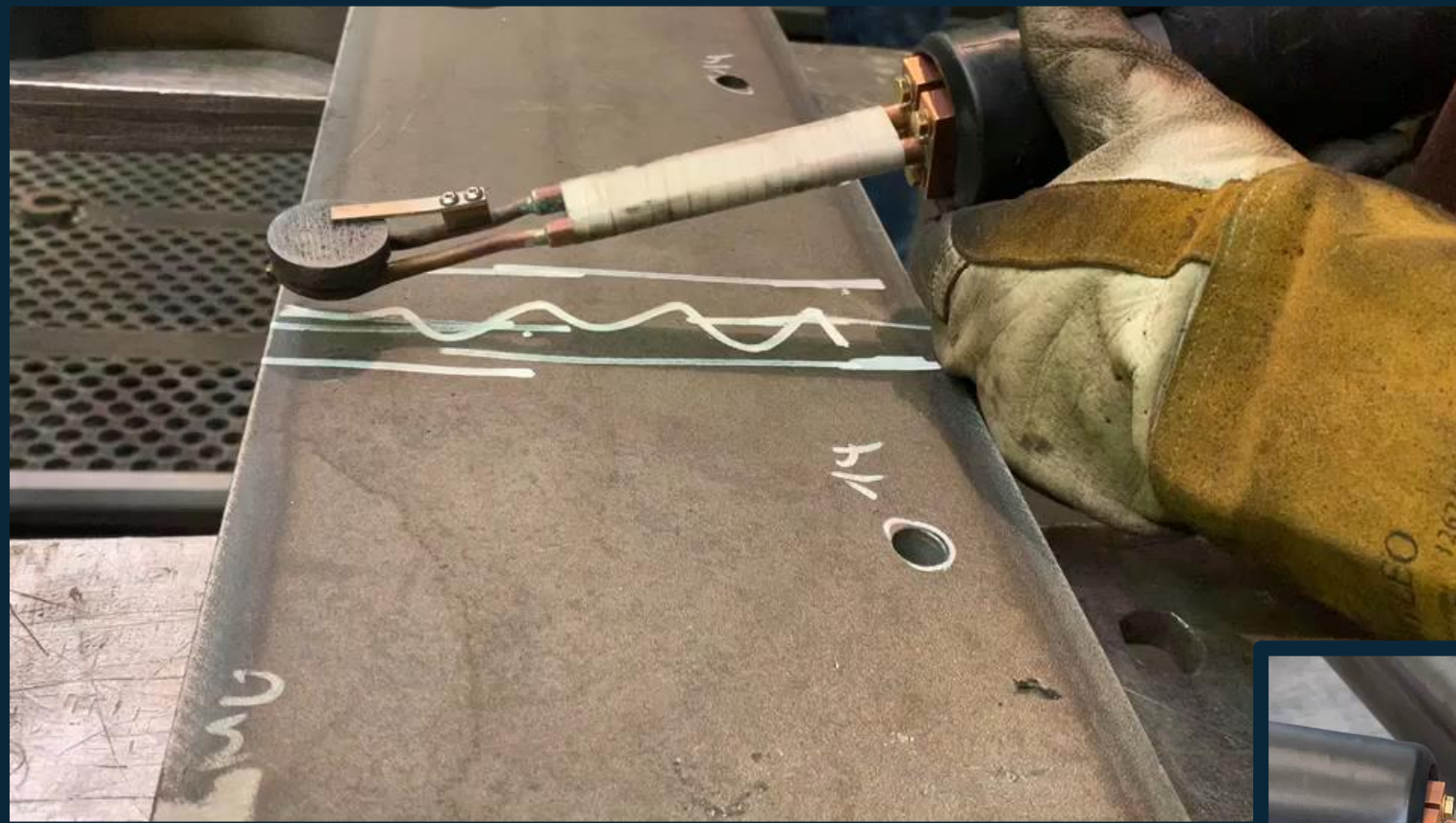




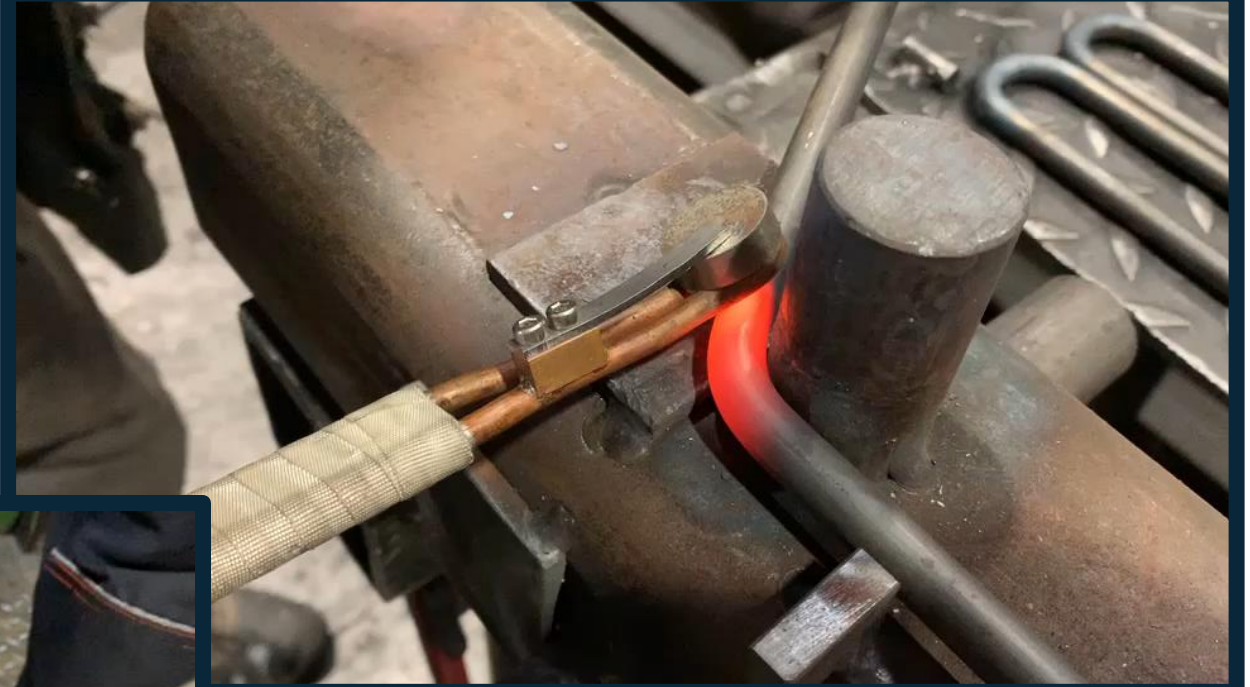
SMALL
FOCUS COIL
↓ ∅ 20 mm ↓

↑ STANDARD ↑
FOCUS COIL
∅ 32 mm



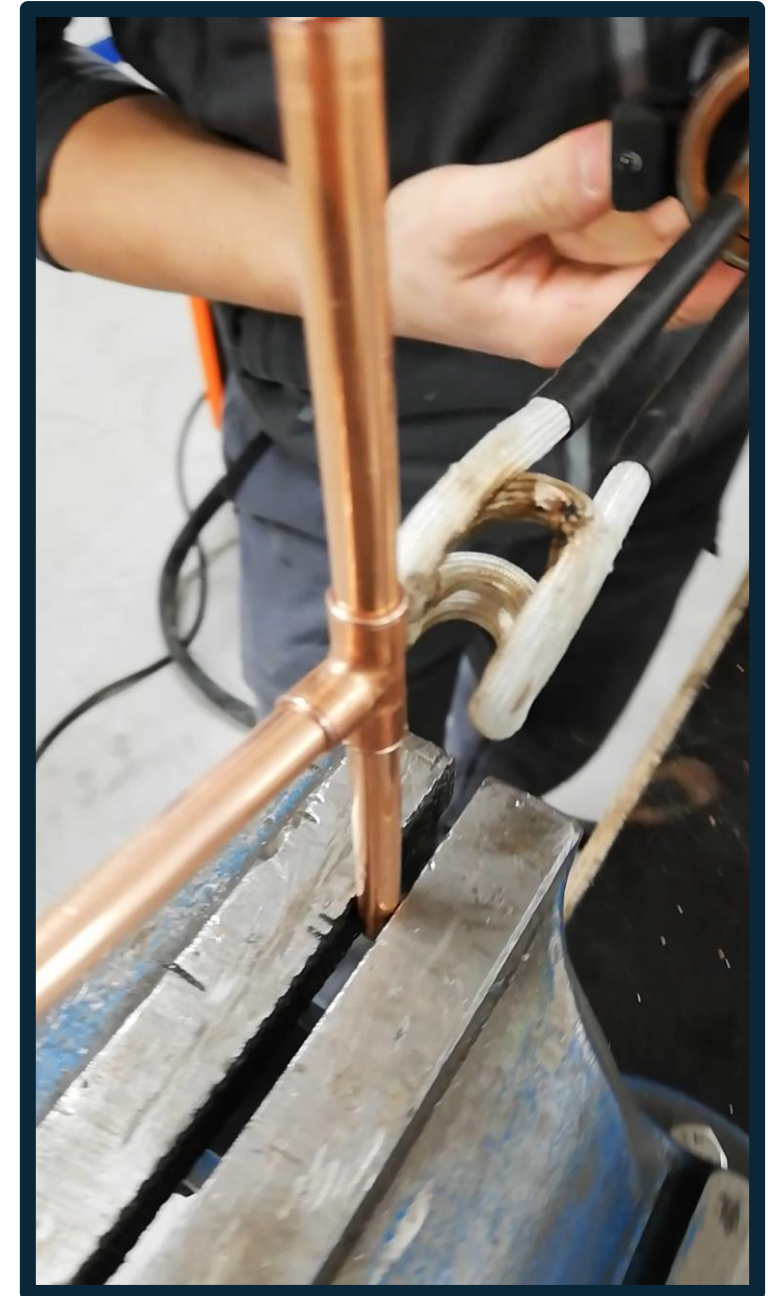
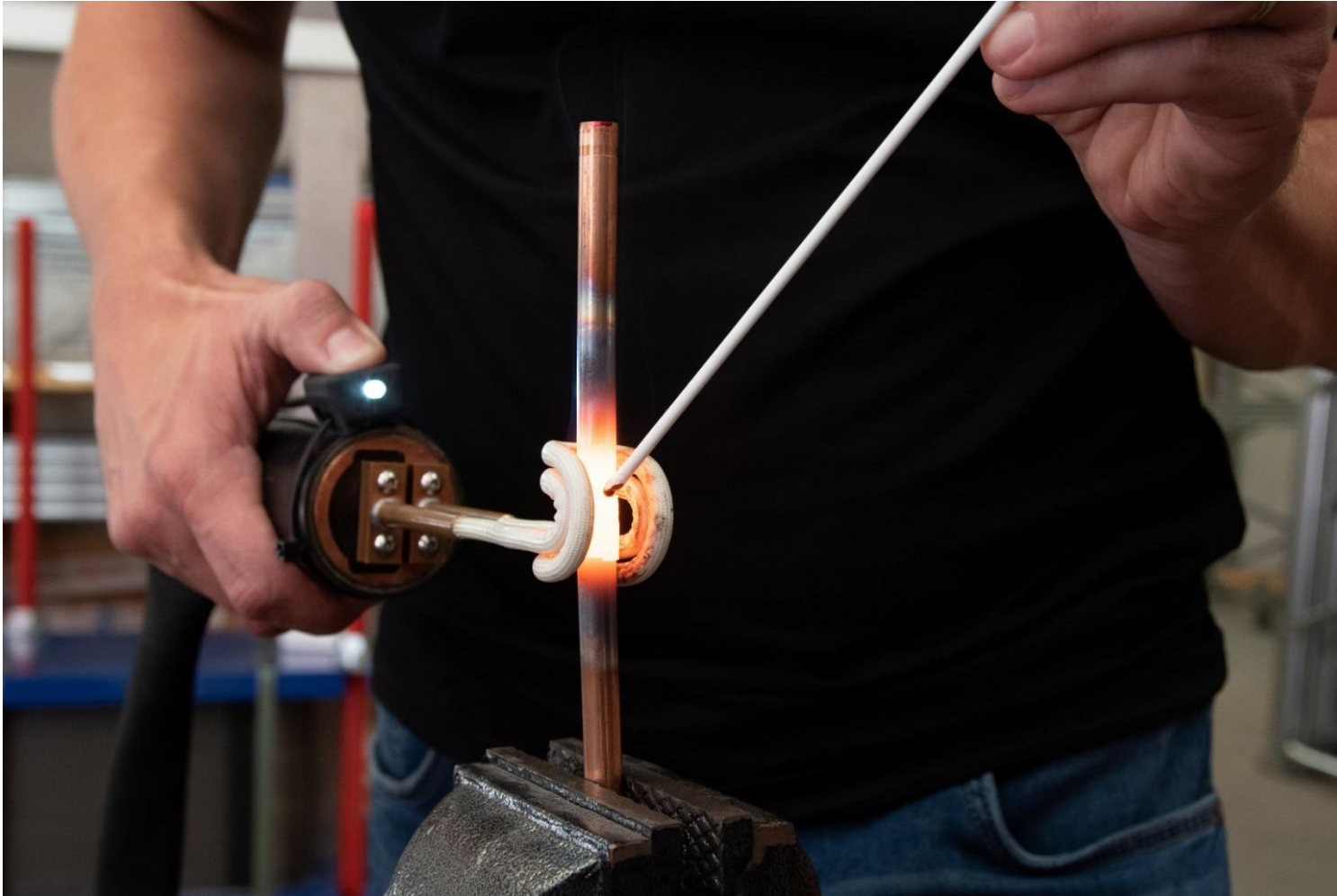


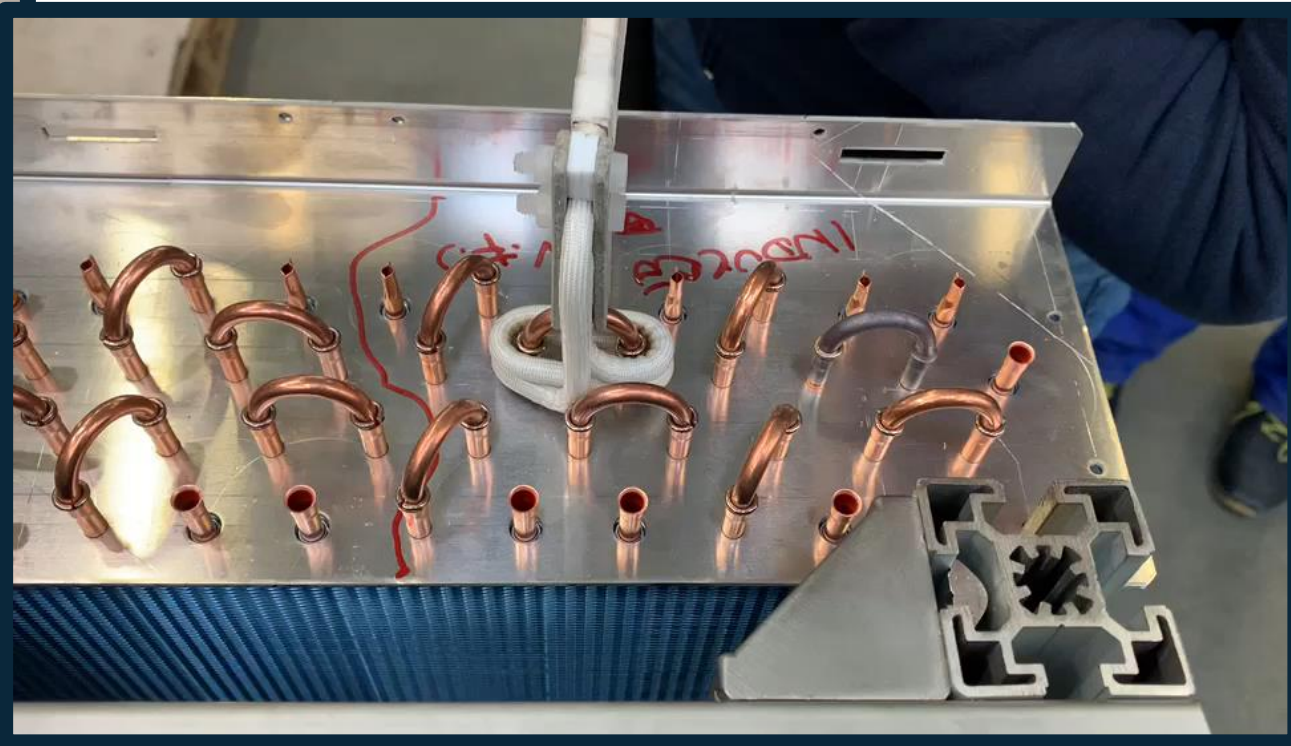
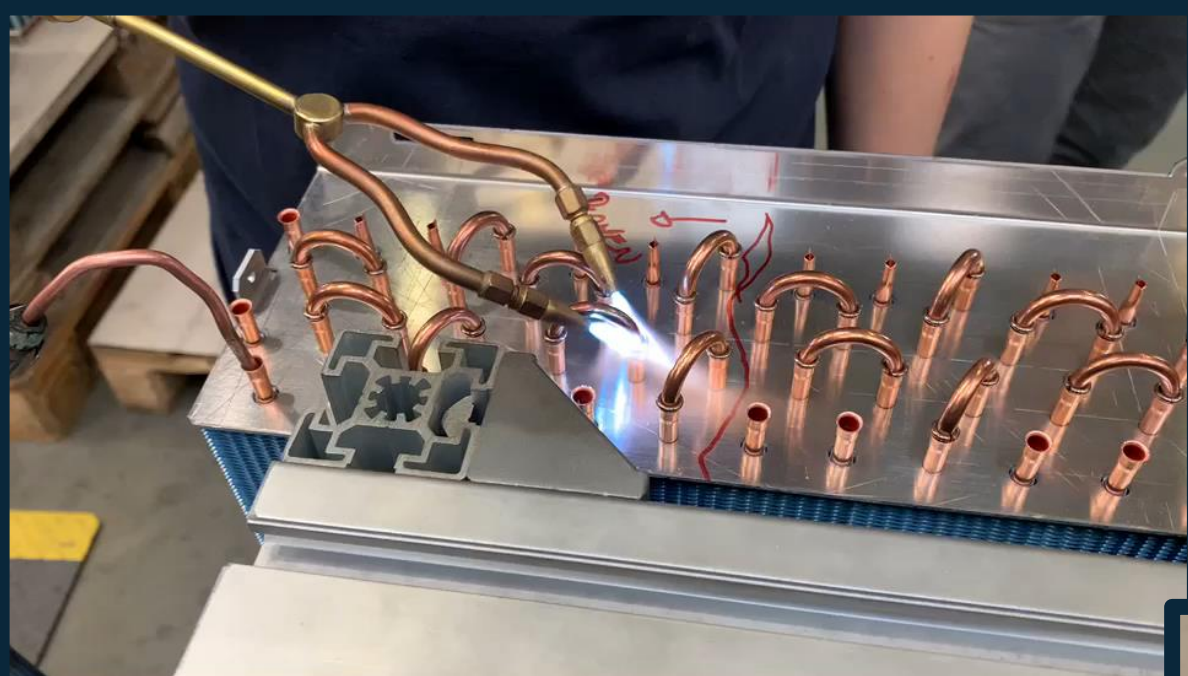
BENDING



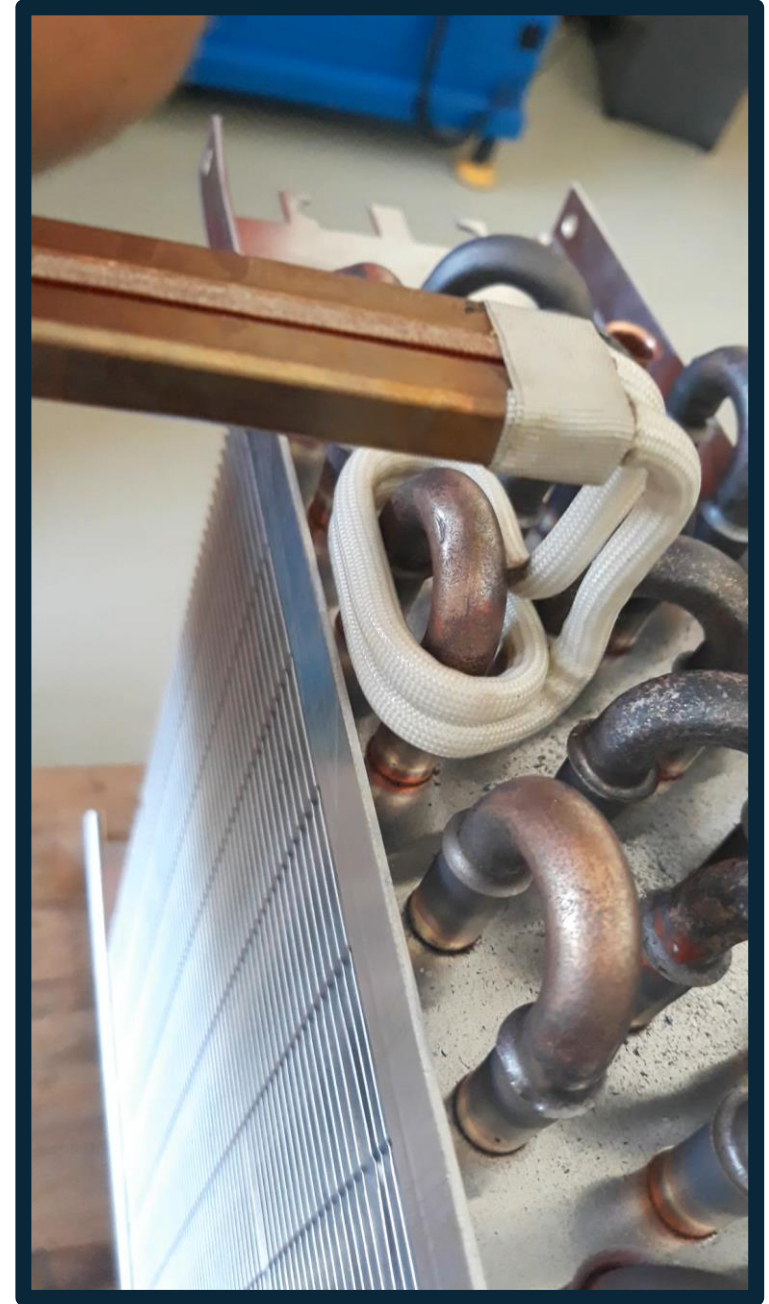


BRAZING









PREHEATING BEFORE WELDING

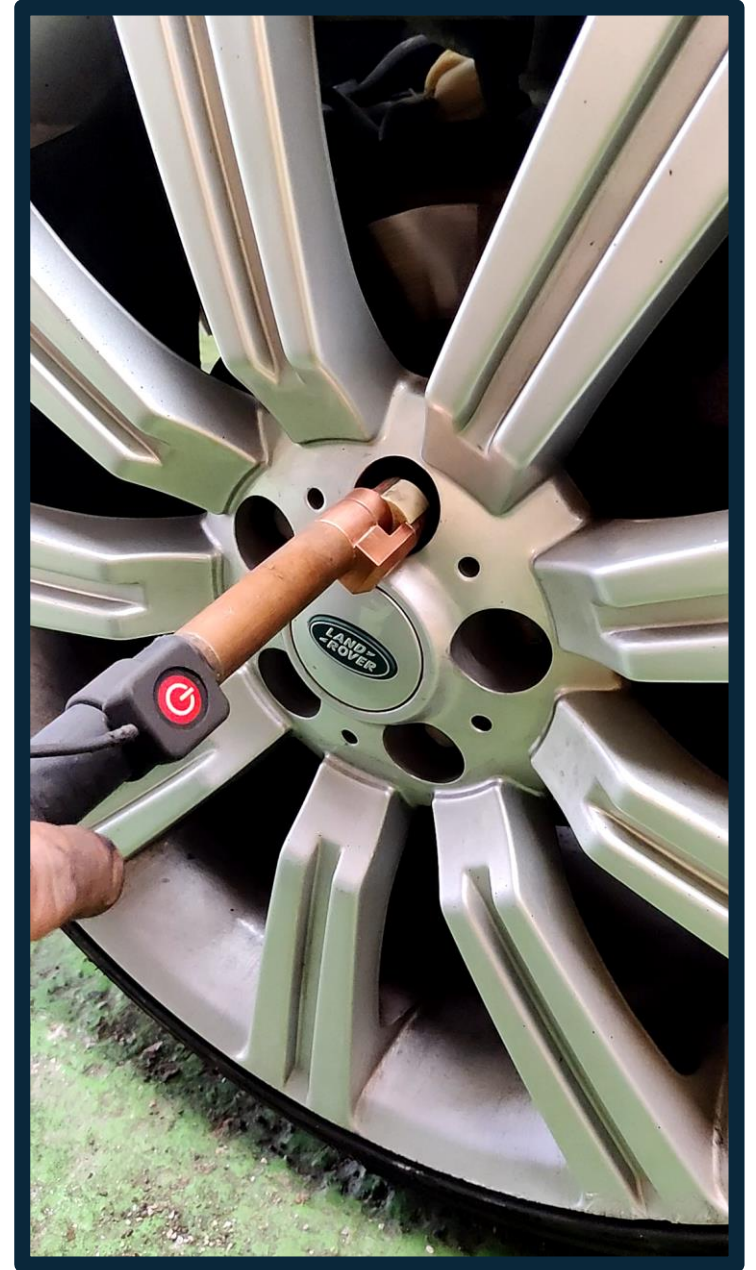


DISASSEMBLY OF KNIVES

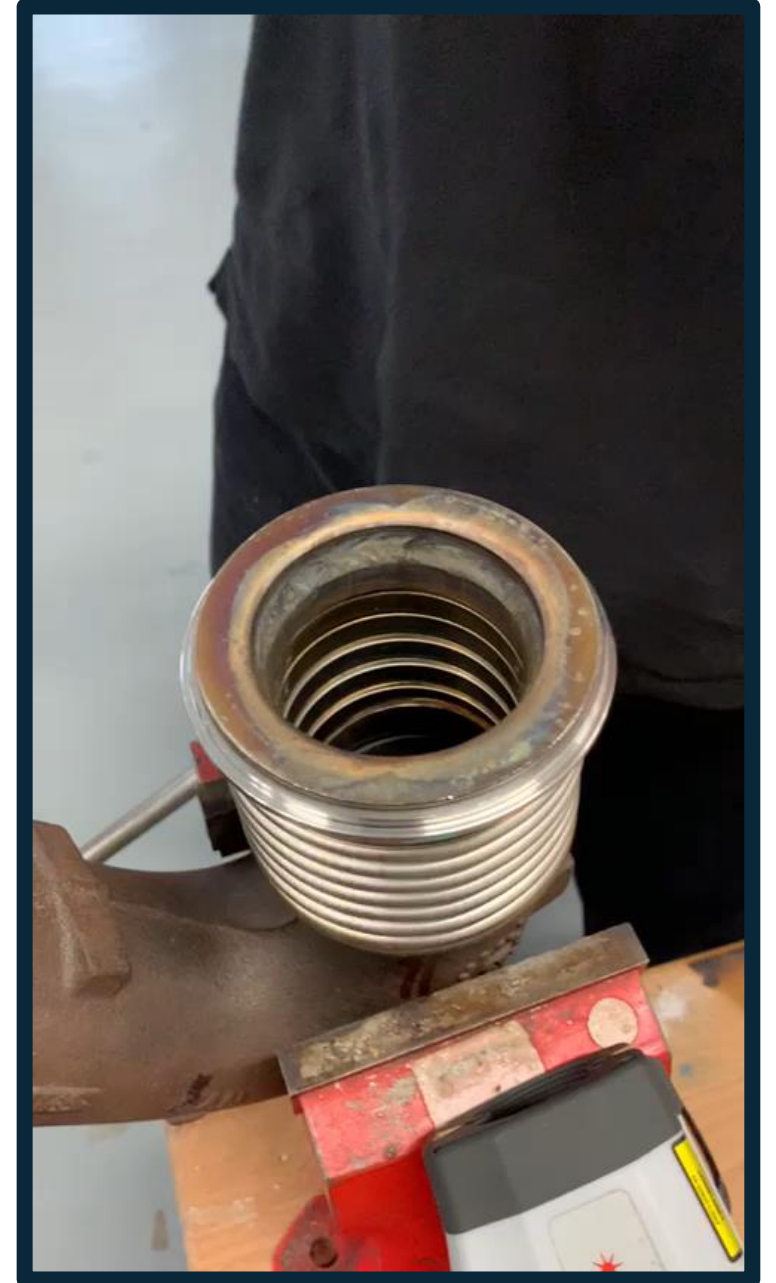


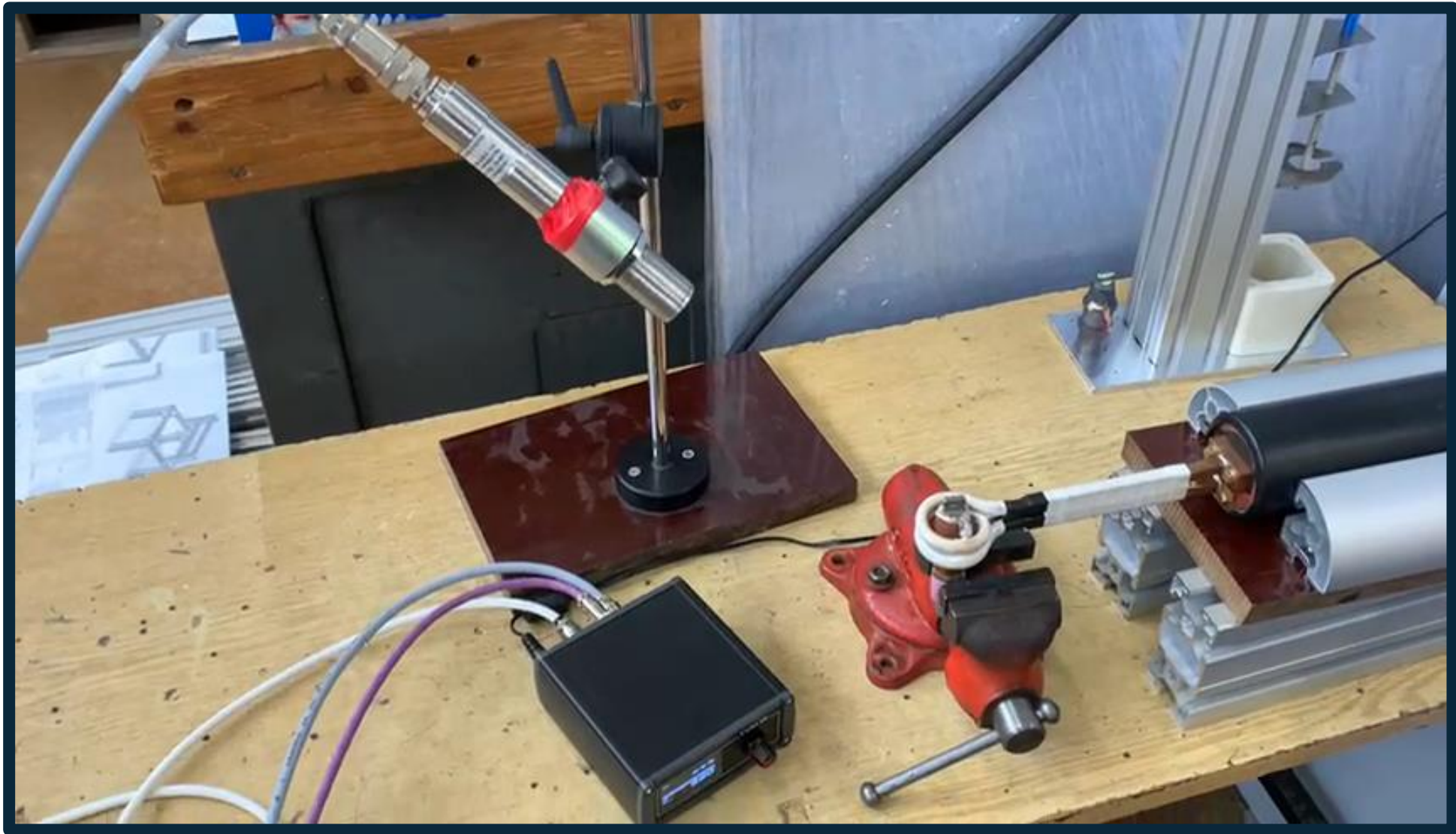
FORMING WITH
A ROUND COIL

LOOSENING SEIZED CAR NUTS



HEATING FROM THE INSIDE





TEMPERATURE MEASURING

A NEWEST ADDITION DHI-190F HD



19
kW

RESISTANCE HEATER DHC 6510R

- preheating and annealing of materials
- 60 V elements – 4pcs on one source
- K-type thermocouple
- power 10,5 kW
- multizone up to 9 DHC units
- temperature ramps settings
- 1400 hour logger





WHERE TO FIND US?

DAWELL CZ s.r.o.

Budischowského 1 073

674 01 Třebíč – Borovina

Czech Republic

+420 702 161 593

sales@dawell.cz

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