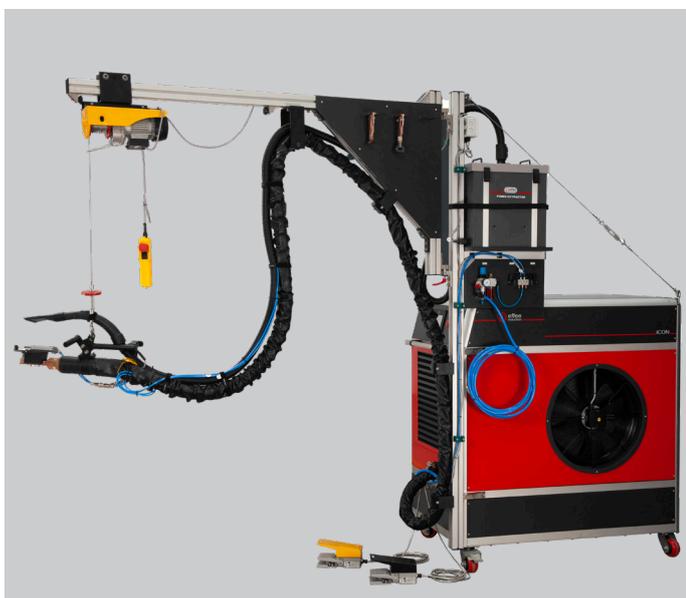


ICON - The Future of Induction Power





Product Features

Integrated Chiller

ICON™ has built in integrated Chiller with modular compact design, energy saving for easy of operation & mobility

Power source

More versatile load matching, which gives a much higher flexibility for different heating jobs

Range of coils

ICON™ systems can be fit within limitless range of coil designs that are specialists in designing, testing and delivering customized, long-life coils

Stationary system

ICON™ is Effece Induction's range of complete mobile heating system. Compact design saves valuable floor space and simplifies the heating technology by making it plug & play device.

Maximum output power

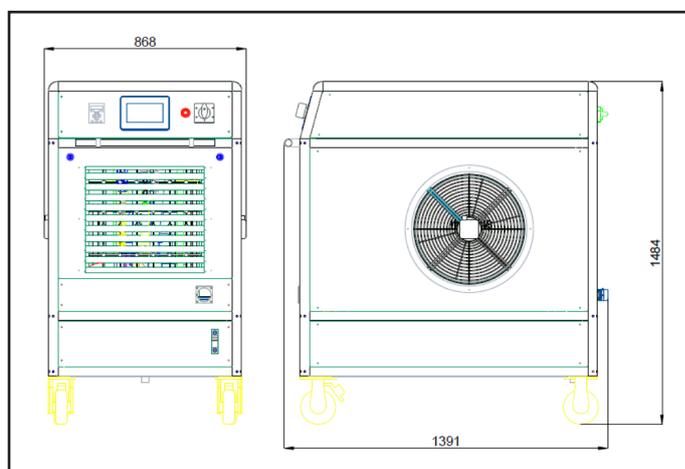
ICON™ operates on maximum power output feature with plus 10% than the continues rated power output

Remote monitoring and control

Remote monitoring and control available for most of the applicable networks (mobile, Wi-Fi, Modbus, canbus etc.) The system works on your mobile, tablet and computer. It can also connect to your MIS (management information system). Our data acquisition system ensures full diagnosis traceability.

Incorporating latest advances in induction technology, ICON™ range offers unrivalled reliability and application flexibility.

- **ICON™** increases throughput.
Fast, easy, accurate and repeatable heat delivery improves productivity.
- **ICON™** is environment-friendly
No flame, no gas and virtually no radiant heat. Which means more comfort, productive environment. Most importantly Eco-friendly.
- **ICON™** lets you do more.
Flexibility and application versatility let's you perform practically any heating task within frequency range.
- **ICON™** reduces costs
Precise heat delivery means you get things right at first time. Re-use, Re-work and energy costs are minimised.



Designed with state-of-the-art IGBT technology, ICON delivers powerful, efficient, and reliable heating solutions. It comes with an integrated chiller, ensuring optimal performance with minimal downtime.

Applications

ICON™ is ideal for a wide range of applications: Brazing, hardening, paint removing, shrink fitting, curing, straightening, cable heating, pre-heating, post heating, bolt heating etc. ICON is suitable for heating all kinds of electrically conductive materials like copper, aluminum, steel, stainless steel, brass, titanium, etc.

Easy to service for maximum uptime

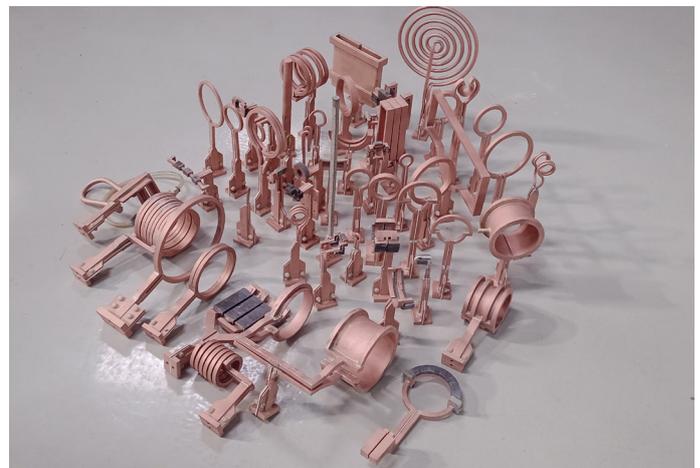
- Retractable chiller for easy access to components
- Easily available components across the globe
- External water for cooling can be used in bypass mode
- Emergency response program for critical spare parts can be offered to ensure maximum uptime

Why is it better

- Less floor area (1/4 of the size)
- Improved mobility
- Energy efficient with cooling based technology via actual load (vfd controlled)
- Plug and play



| Specification | ICON 15 | ICON 25 | ICON 50 | ICON 75 | ICON 100 |
|----------------------------|----------------------|------------------------|----------------------|----------------------|----------------------|
| Continuous output power | 15 kW | 25 kW | 50 kW | 75 kW | 100 kW |
| Max Output Power | 17.5 kW | 27 kW | 55 kW | 82.5 kW | 110 kW |
| Output Ac Regulation range | 10 - 100 % | 10 - 100 % | 10 - 100 % | 10 - 100 % | 10 - 100 % |
| Frequency Range | 10 – 25 kHz | 10 – 25 kHz | 10 – 25 kHz | 10 – 25 kHz | 10 – 25 kHz |
| Supply voltage range | 380 - 460 V | 380 - 460 V | 380 - 460 V | 380 - 460 V | 380 - 460 V |
| Frequency Line | 50 - 60 Hz | 50 - 60 Hz | 50 - 60 Hz | 50 - 60 Hz | 50 - 60 Hz |
| Nominal Voltage | 400V 3Ph | 400V 3Ph | 400V 3Ph | 400V 3Ph | 400V 3Ph |
| Nominal Line current | 40 Amps | 60 Amps | 105 Amps | 105 Amps | 200 Amps |
| Maximum Apparent power | 27 KVA | 42 KVA | 75 KVA | 105 KVA | 140 KVA |
| Colling water consumption | 14 - 18 lpm | 14 - 22 lpm | 20 - 30 lpm | 30 - 40 lpm | 40 - 60 lpm |
| Water Inlet Temperature | up to 32 °C | up to 32 °C | up to 32 °C | up to 32 °C | up to 32 °C |
| Water Pressure min/max | 4 - 6 bar | 4 - 6 bar | 4 - 6 bar | 4 - 6 bar | 4 - 6 bar |
| Chiller Specication | 7.5 kW/ 6400 kcal/hr | 12.5 kW/ 10700 kcal/hr | 25 kW/ 21500 kcal/hr | 30 kW/ 25800 kcal/hr | 45 kW/ 38700 kcal/hr |
| Dimension(mm) | 700x1050x1280 | 700x1050x1280 | 700x1050x1280 | 880x1580x1580 | 880x1580x1580 |
| Weight(kg) | 188 | 188 | 224 | 439 | 439 |



Effee Induction Pvt. Ltd. (India)

#48, ABB road, 2nd Phase, Narayanapura, Peenya,
Bengaluru, Karnataka 560058

✉ sales@effee-induction.com

☎ +91 9739910102 / 6

Effee Induction AS (Norway)

Borgundvegen 340 6008 Ålesund, Norway