

# XPERIENCE 18

**NEW!**

## 18kW HIGH POWER INDUCTION HEATER

(cod:XP18)

EXHIBITION NEWS 2018

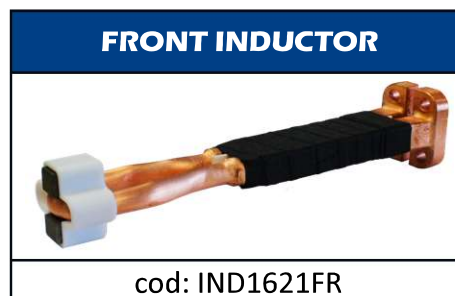
The Xperience 18 is a new machine with an outstanding power and exceptional efficiency, designed to heat ferrous materials and metals in general, **aluminum** included; it's particularly suitable for works on heavy vehicles, like trucks, trailers or semi-trailers. With its 18kW of power, it can be used for the most difficult works in heavy workshops, trailer manufacture and straightening, heating of big transmission shaft heating, and many other applications.

It creates heat directly inside the metal at a depth of 6mm and it's able to make red-hot (800°C) a surface of 40x40mm (16mm thick) in only 4 seconds. The absence of free flames allows to work even near cables, pipes or other parts sensible to heat. While the oxygen flames bring the surface temperature of the metal to more than 3000°C modifying inevitably the characteristics of the metal itself, induction heating generates heat directly inside it and only in the requested point: it is sufficient to stop heating at a temperature of 500/600°C to carry out the most common operations of straightening, bending, replacing of bolts and bearings. It's equipped with a special **INSULATION TRANSFORMER**, which guarantees maximum safety to the user even in the most unfavourable situations.



### NEW HIGH EFFICIENCY INDUCTOR

All high power machines come out with this new special high power-efficiency inductor: thanks to its particular shape, it is able to supply much more power than the previous model. The new ferrite locking system ensures a firm hold of the protection cap and the ferrite itself **WITHOUT USING GLUE**.



18kW	400V, 32A 3P+T+N	15-50 Frequency (kHz)	continuous 20°C	6 m	10 m	Liquid cooling	25 lt	150 Kg	51x60x111 Y cm. X Z

Teknel s.r.l. - Via Montello 48, 33040 Visco (UD), Italy - [www.teknel.com](http://www.teknel.com) - [mail@teknel.com](mailto:mail@teknel.com) - +39 0432 837914

11  
Heavy  
workshop  
Induction  
heaters

