

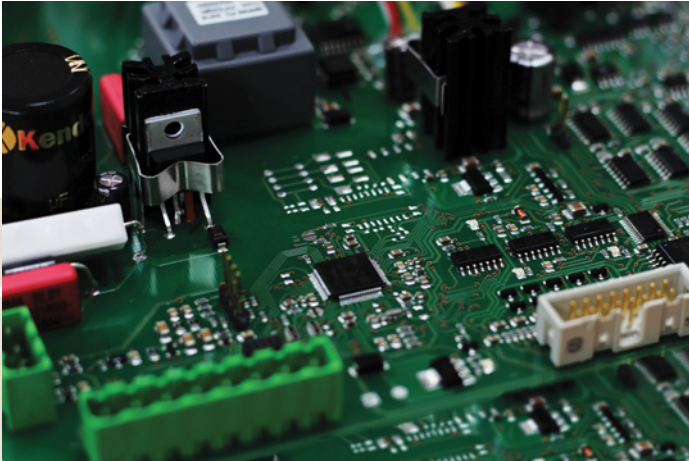
# TEKNE<sup>®</sup>

## Workshop equipment

### THE TECHNOLOGY INSIDE TEKNE

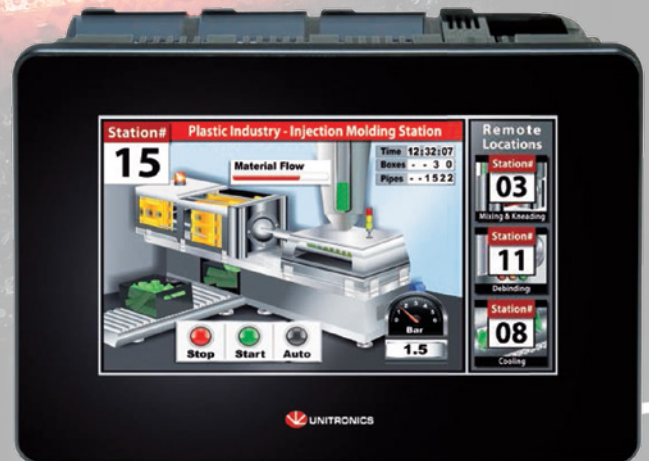
Teknel machines are run by a powerful microprocessor ARM-Cortex M4 of latest generation with exclusive DIP (Digital Induction Processing) technology; it guarantees at the same time a complete reliability of the process, a high precision in the regulation and a high level of adaptability to the different working conditions.

All the devices on our power boards are mounted using the Surface Mount Technology, which guarantees an incredibly higher quality and reliability of the circuits compared to the obsolete PTH technology. Besides, SMT allows to have lower resistance and inductance at the connection and better EMC performance, which guarantee a rate of faults of our electronics below 0,5%.



### THE VERSATILITY OF CUSTOMIZATION

Thanks to the incredible versatility of our machines, it's possible to command them with computerised processes through PLC, timer or other systems. By connecting pyrometer, thermocamera or other measuring tools you can control the working temperature in order to achieve an absolute precision when heating. The customisation of the heating inductor allows the installation of the machine on any industrial plant, through the study of a solution created specifically for your needs.



### ECO-LOGIC

Despite their high power, consumption of Teknel induction heaters is really low: this is due to very short working times. In terms of monetary savings you can save more than 50% if compared to the use of gas tanks.

By using Teknel machines, you'll have not only a monetary saving, but you'll also help the environment, avoiding the burning of gas for heating the part to work and optimizing the consumptions by using a high efficiency machine.

Our machines have passed strict tests with sophisticated devices and have obtained all the certifications foreseen by the European regulations also regarding the emissions of electromagnetic fields.

