



**TECHNOLOGY AND INNOVATION**

# MEKTRONIC WORLD



WE ARE A YOUNG COMPANY  
WITH EXPERIENCED STAFF.

We are experienced mechanics repairing any kind of machine tools thanks to our staff that can assure effective service responding to the customer's requests in short time. Our efficiency and effectiveness allows the minimum machine stop time. The flagship is our Electro / Electronic sector which is highly specialized in solving any problem concerning electronic cards, numerical controls, drives, motors, encoders of the FANUC, Siemens, Heidenhain and Mitsubishi brands. We have a considerable availability of SPARE PARTS thanks to the various collaborations established with market leaders.

## THE SERVICES OFFERED BY OUR TEAM:

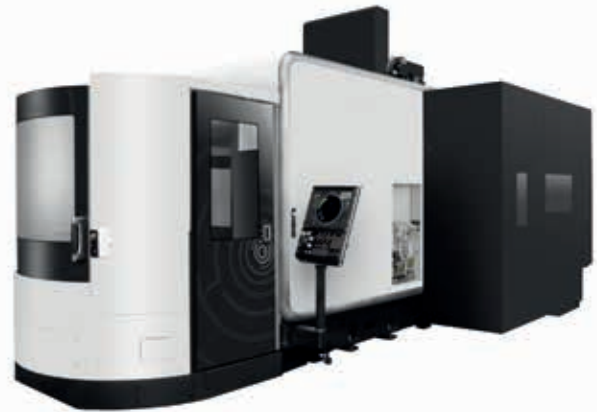
- ELECTRICAL, ELECTRONIC AND MECHANICAL DIAGNOSTICS AND REPAIRS
- PREVENTIVE MAINTENANCE
- CNC RETROFIT AND ELECTRICAL PLANT OVERHAULING
- ROBOT INTERFACES, AUTOMATIC BAR FEEDERS, 4<sup>TH</sup>-5<sup>TH</sup> AXIS
- MACHINE DATA BACKUP AND RESTORE, CNC-AXES-SPINDLE SET-UP
- OVERHAULING OF SPINDLE, TOOLS TURRETS, TABLES AND ATC SYSTEMS
- REPLACEMENT OF SPINDLE BEARINGS AND REGENERATION OF BALL SCREWS AND NUTS
- MACHINE GEOMETRIES CHECK AND RESET
- MACHINES MOVING
- SERIAL, NETWORK, CNC / PC CONNECTIONS - INDUSTRY 4.0

**FANUC**

**SIEMENS**

**HEIDENHAIN**

**MITSUBISHI**



**MEKTRONIC WORLD**



# REPAIRS & MAINTENANCE

## REPAIRS & MAINTENANCE

We fix your CNC machinery both mechanically and electronically. Our experts can advise you on a whole series of preventive maintenance to be carried out on your machinery to ensure greater durability over time as well as avoiding undesired production stops and consequent loss of turnover.



## TECHNOLOGY AND INNOVATION

# CNC RETROFIT AND ELECTRICAL PLANT OVERHAULING



Machine tool retrofitting includes the replacement of CNC components, drives and motors. By doing this the customer avoids purchasing new machinery and extends the life of those already in operation with the latest generation components. Often the components of obsolete machines are very expensive due to the fact they are not easy to find in the market and sometimes out of production. The retrofit avoids this problem by installing new and more reliable components. The retrofit operation allows the customer to have a reliable and precise machine with low maintenance costs and brand new components under warranty.

## ROBOT INTERFACE AUTOMATIC BAR FEEDERS 4<sup>TH</sup> - 5<sup>TH</sup> AXIS

- MACHINE - ROBOT
- MACHINE - FEEDER
- MACHINE 4<sup>TH</sup>-5<sup>TH</sup> AXIS



**RETEROFIT & ROBOT INTERFACE**



# INDUSTRY 4.0

## BACKUP AND RESTORE

We BACKUP and RESTORE machine tool data even if obsolete thanks to our long experience and specific equipment.  
SETUP cnc-axis-spindle.



## CONNECTIONS 4.0

- CNC / PC – Industry
- Serial
- Net



TECHNOLOGY AND INNOVATION

# REPLACEMENT OF SPINDLE BEARINGS

Overhauling or replacement of ball screw and nuts.



## OVERHAULING

- Spindles
- Tool Turrets systems
- Tables and ATC systems
- Motorized tools
- Turcite® reinstallation
- Linear guides and Runner Block

A worker in a dark shirt and gloves is working on a large industrial machine, possibly a lathe or mill, with sparks flying from the cutting tool. The worker is focused on the task, and the machine is illuminated by a bright light.

## BEARINGS MAINTENANCE



# MACHINE MOVING

## GEOMETRIES CHECK AND RESET

GEOMETRIES CHECK AND RESET of your machine allows you to work with maximum precision and repeatability.



## MACHINE MOVING

Whether it be the relocation of an entire factory of heavy equipment and machines, or just one single machine, we can support busy operations managers with production line changes by providing you with a cost effective and efficient machine removals service.

We can also provide the complete crane truck service in case of need.



## TECHNOLOGY AND INNOVATION

[www.mektronic.it](http://www.mektronic.it)

ENGLISH VERSION



Via Monte Cengio 25,  
36073 Cornedo Vic. no - Vicenza - ITALY

Tel. +39 0445 1810763

[info@mektronic.it](mailto:info@mektronic.it)  
[www.mektronic.it](http://www.mektronic.it)