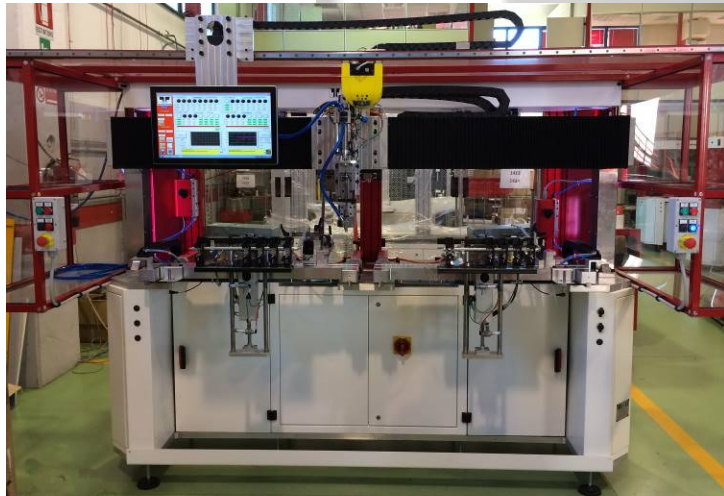
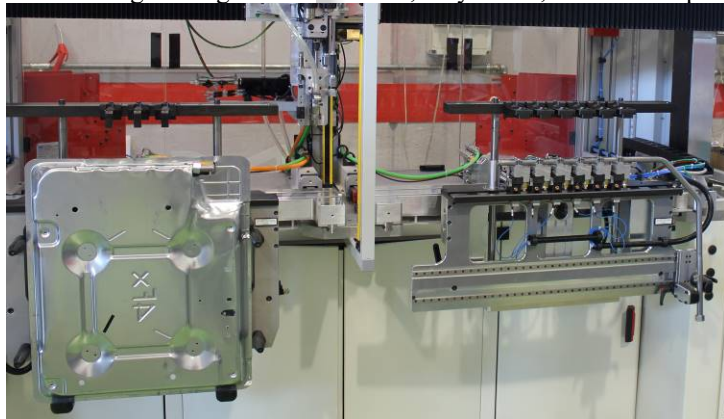


# TB6-AVT

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P.IVA 02634300988  
www.twinsnet.com



Strong and ergonomic structure, easy to use, assisted setup.



4 CNC axes and two independent fixtures can screw driving also two different pieces, the double station, allows to load the machine with safety also when working, without any dead time.

**Main CNC axe LINEAR motor (any ball screw).**

Screw driving machine double station:  
suitable for pneumatic components, valves,  
regulators, filters, manifolds and automotive  
parts:

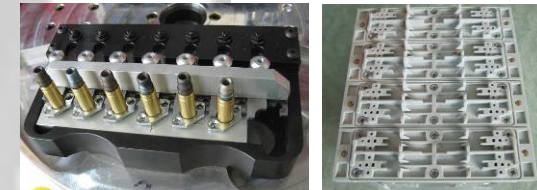
- Lean and middle range production.

Characteristic:

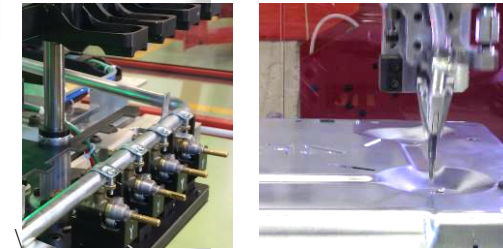
- CNC screw driving (torque angle).
- Not moving CNC motor.
- Programmable torque and/or high.
- Screw position controlled by CNC.
- 4 CNC axes.
- Screw driving area 2x1000x400 mm
- Double station.
- Screw automatic loading.
- Can manage two different screws.

The working sequence can be programmed directly in the machine CNC, including also manually operations driven by the CNC. The working time of the units can be also programmed as part of the sequence. All the production data are continuously saved in the machine memory or directly in your network, to allow a real time process traceability.

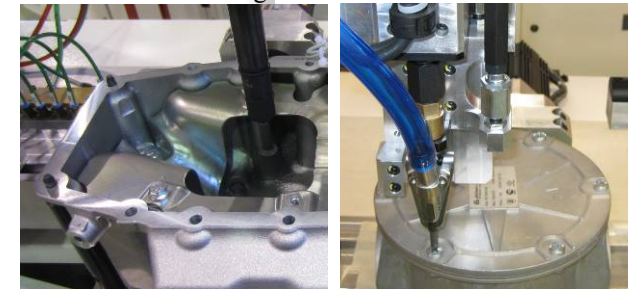
Calibration data are stored too, in a separate file and managed form a dedicated scheduler



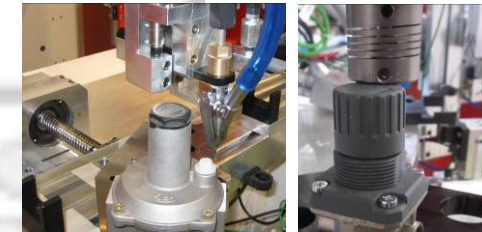
Pneumatic valves and manifolds



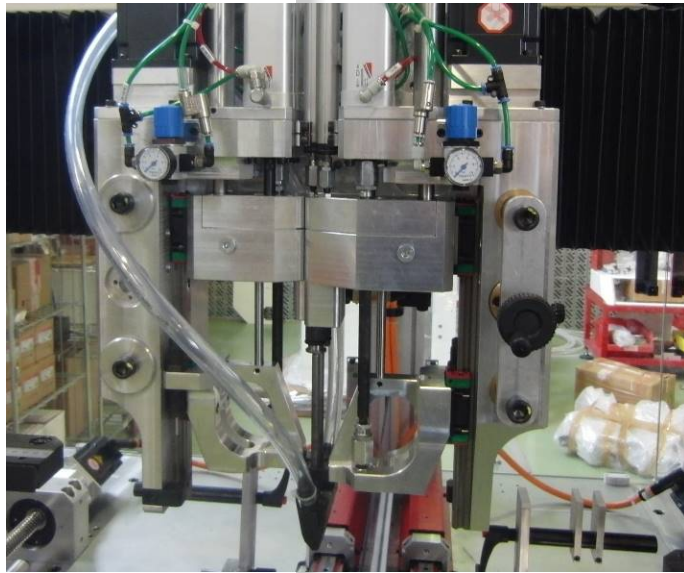
Domestic gas valves and burners.



Automotive oil reservoir and water filters.



Pressure regulators.



Available also double spindle, full CNC.



USB and NETWORK.



Code scanner



Smartphone



INDUSTRY 4.0

Process traceability trough bar or Q code (Data-matrix).  
 Automatic upload of the working programs  
 Continuous storage of the process data.  
 Remote service available on all the machine components.  
 Production and quality report directly o your smartphone.

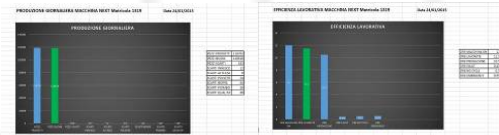
### OPERATOR INTERFACE HMI:

All the program step is shown, in a 23" touch monitor. With a clear description of the working step, the values and a help picture about the fault areas.  
 The HMI is available in different languages and use icons, to help operators not mother language.

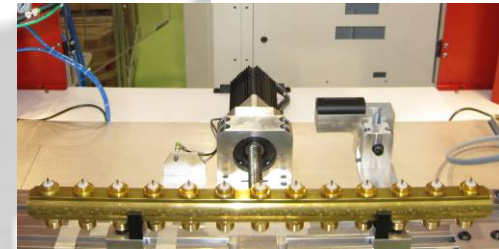


### EFFICIENCY

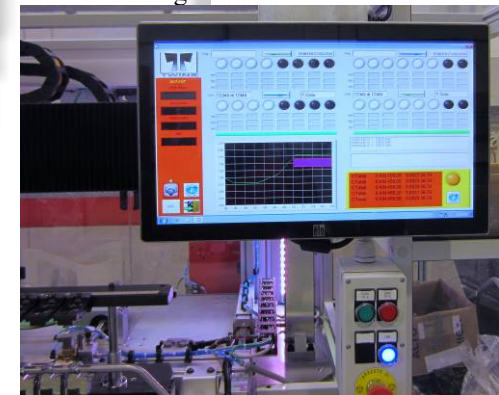
Sometime may happen that also the most performing machine don't give the forecasted production of the day, the understand of what happened is not easy because involve also the people who work on the machine, like who have to refill the feeder or who have to fix and reset the machine after a fault.



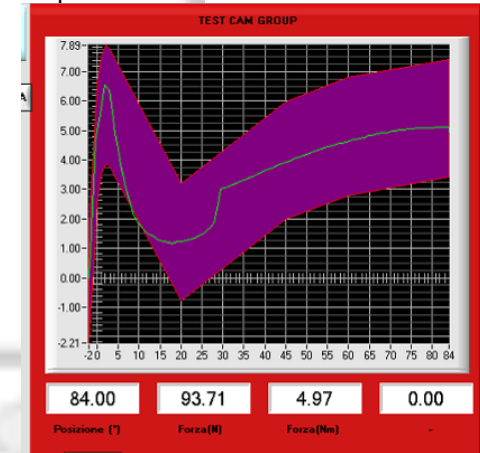
A couple of tables show to the operator the production shared from pieces right and pieces wrong with the causality of the wrong with its own totals. The second table show the total of the hours of the machine on line, the total of the work hours, and the dead hours with the causality. Available also on your smart phone.



Heating manifold and valves.



Can perform also a leak test after screw locks.



Torque and screw position real time graphic.