TR36 SLV

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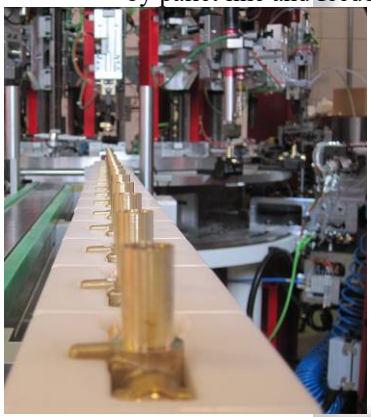
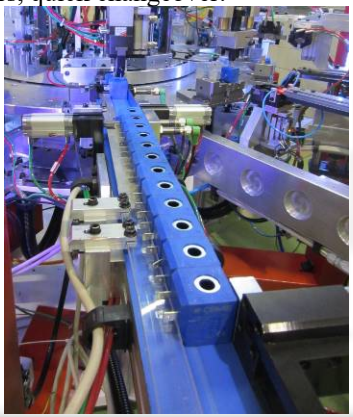
Strong and stable frame, automatically loaded by pallet line and feeders, quick changeover.





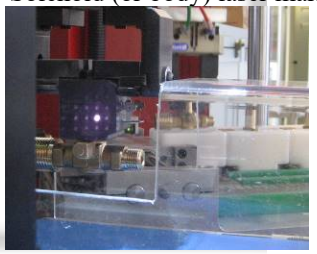
Assembly and testing machine for solenoid valves, mass production.

- Production rate 1.000 part/hour
- One worker just to fill the feeders.
- Full assembly and test.
- Controlled glue dispensing.
- Leak, flow and opening test.
- Electrical test of the solenoid.
- Solenoid Noise control.
- Pressure opening CNC adjusting.
- Can be equipped for different models
- 23” touch HMI multi languages.
- Assisted setup by image sequences.
- Steel frame, not aluminum profiles.

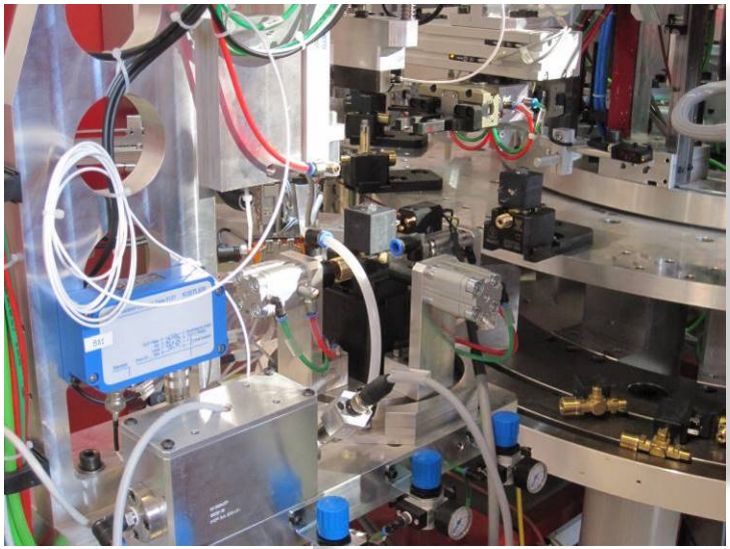
The working sequence can be programmed directly in the machine CNC, including also manually operations driven by the CNC.
The working time of the units can be also programmed as part of the sequence.
All the production data are continuously saved in the machine memory or directly in your network, in order to allow a real time process traceability.
The working time and the stop or setup time are also saved in order to allow an efficiency survey. Calibration data are stored too, in a separate file and managed form a dedicated scheduler.

Solenoid valves with or without overpressure valve.
Brass or polymer just changing fixtures.

Solenoid (or body) laser marking



Radial riveting of tuned safety valve.



Noise control of the solenoid and flow test.

USB and NETWORK.

Code Reader

Smart info

Code 39

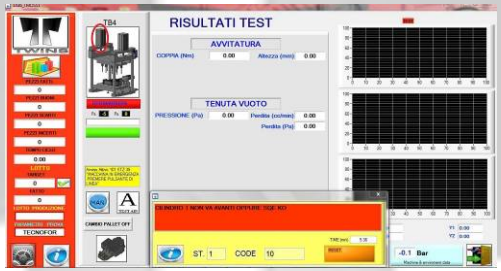
1 2 3 4 5 6 7 8 9 0 2

INDUSTRY 4.0

Process traceabilty trough bar or Q code (Datamatrix) .
Automatic upload of the working programs
Continuous storage of the process data.
Remote service available on all the machine components.

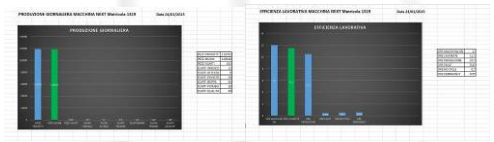
OPERATOR INTERFACE (HMI)

All the machine working steps are displayed on the monitor with a clear description and a picture or a sketch that show the area of the machine where the fault happened.
Several languages available and upgradeable.

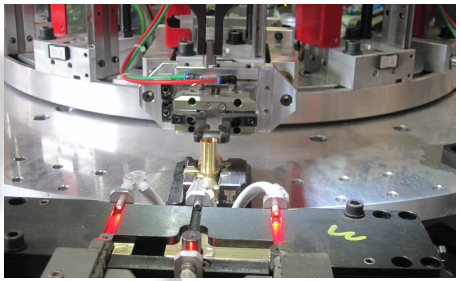


EFFICIENCY

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.

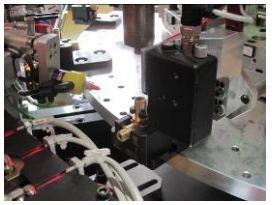


A couple of tables show to the operator the production shared from pieces right and pieces wrong with the causality of the wrong with its own totals. The second table show the total of the hours of the machine on line, the total of the work hours, and the dead hours with the causality.

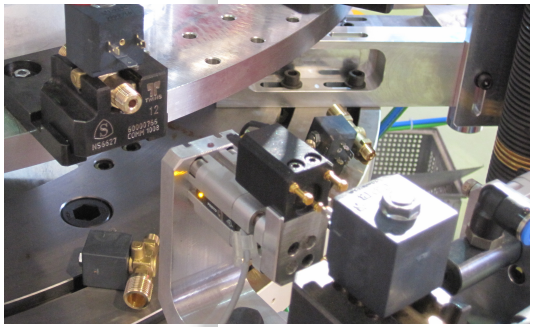


Mobile core 4 and 6 watt automatic changeover

4 and 6 watt spring loading



Loctite control by camera.



Leak test open and close position, memorization of the opening point of the safety valves.
Electrical test of the solenoids, as skin test, Insulation and ground discharge.