

TBX6 CLDRY

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Strong and stable machine frame, automatically loaded by Robot, pallet and feeders (available also Human loading).



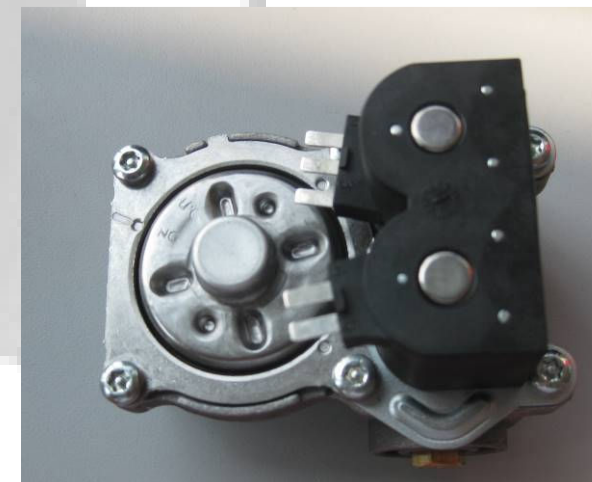
The testing unit can perform also the noise control.



Assembly machine for Clothes Dryer Combination Gas Control

- Production rate 600 part/hour.
- One workers just to fill the feeders.
- Full assembly.
- Controlled greasing.
- Triple leak, flow and torque test.
- Dynamic leak, with turning cone.
- Electronic control of assembly.
- Can be equipped for different models
- Quick changeover.
- 23" touch HMI multi languages.
- Assisted setup by image sequences.
- Automatic Leak & Flow calibration.

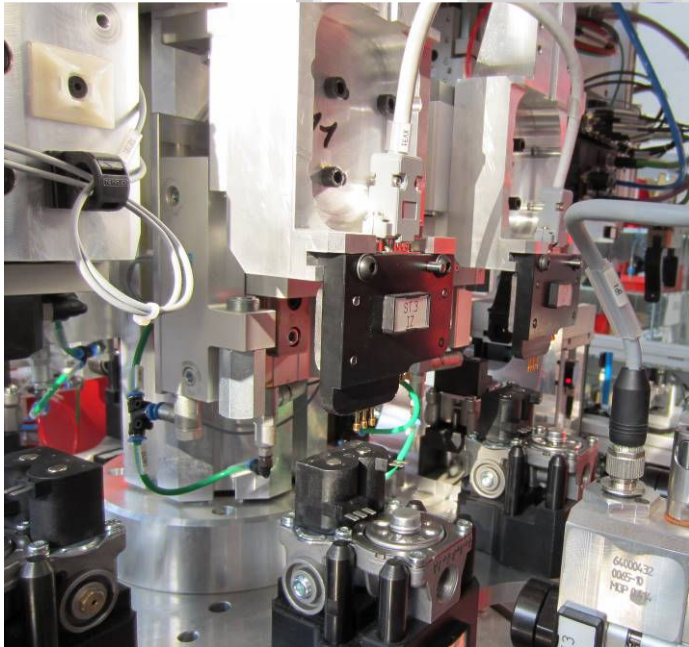
The working sequence can be programmed directly in the machine CNC, including also manually operations driven by the CNC. The working time of the units, can be also programmed as a part of the sequence. All the production data are continuously saved in the machine memory or directly in your network, 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, much more than a simple OEE. Calibration data are stored too, in a separate file and managed form a dedicated scheduler.



Double or single solenoid valves.



Full automatic assembly and testing, quick change over.



Flow/pressure adjusting and lid assembly.



USB and NETWORK.



Code Reader



Smart info



Process traceability trough bar or Q code (Data-matrix) .
Automatic upload of the working programs
Continuous storage of the process data. Remote service

INDUSTRY 4.0

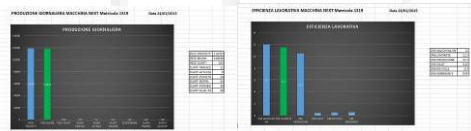
MACHINE HMI & DIAGNOSTIC

All the machine fault are immediately 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.



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.



Automatic transfer and switch form NG to LPG.



Automatic testing station, automatic loading unloading, repairing rack for defective valves.