



TB1-GRS

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

Greasing machine with pallet changer, suitable for pneumatic components, valves, bearings, hinges, and small parts:

- Lean production.

Characteristic:

- CNC dosing valve.
- Volumetric or flow grease dispense.
- Programmable torque and/or high.
- Grease flow controlled by CNC.
- 3 CNC axes.
- Screw driving area 100x200 mm
- Turntable as pallet changer.
- 25 Kg or 200Kg barrel pump.
- 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 from a dedicated scheduler.



Can grease single pieces with lots of points or multiple pieces with few greasing points just using multiple fixtures.



The pallet changer allows to load the machine with safety and when she is working, without any dead time.



USB and NETWORK.



Code scanner



Process traceability through 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.

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.



25 Kg. drum pump, available also for 200kg barrel.