



LEO

FLEXIBLE TOOL STATION: THE ALL-IN-ONE SOLUTION

With LEO - Flexible Tool Station, you get the first all-in-one solution for the execution of assembly, rework and tests in the entire production area. Thanks to the assembly assistance software IPM PG, the flexible tool offers everything you expect from an assembly/test station, e.g. complete documentation of connecting elements with highest process security. Especially for extended workbench, when processing large components or for in-line rework, LEO - Flexible Tool Station offers a tremendous relief in the work process. All processes are controlled, visualized and provide the necessary information to the user so that they know what to do.

If, e.g. a torque tool is connected to the Flexible Tool Station, important information on the tightening process can be displayed via IPM PG, such as the torque that needs to be used to tighten the screw. This ensures that production steps will be executed properly and, in the end, a safe bolted connection has been created. Moreover, the tools can be configured and administered centrally by the software. Employees in production will be instructed step by step through the assembly assistance system with on-screen instructions for all production processes.

ADVANTAGES OF LEO - FLEXIBLE TOOL STATION AT A GLANCE

- Manufacturer independence Tools of all manufacturers can be connected
- Individual adaption to customer's requirements
- Simple handling: Supports quick selection of tightening joints as well as configuration of complex sequences
- Central database
- Highest flexibility in production, both stationary and mobile
- Process protection including documentation through assembly assistance software IPM PG
- One point of contact for hard- and software ("One-stop shop")
- The Flexible Tool Station combines the quality-boosting function of all CSP products ("All-in-one solution")



COMPONENTS OF LEO - FLEXIBLE TOOL STATION

- Industry panel PC and/or notebook
- User guidance via touch screen
- Assembly assistance software IPM PG
- Uninterrupted power supply (UPS)
- Scanner
- Keyboard drawer
- Tools of the most different manufacturers
- Drawers / storage boards for equipment
- Non-marking wheels
- Ergonomically built

ALREADY EXISTING INTERFACES FOR:

- Electronic torque wrench (manufacturers: GWK, Gedore, AtlasCopco,..)
- Tightening tools (manufacturers: Apex, AMT, AtlasCopco, Ingersoll Rand,..)
- Programmable Logic Controller PLC
- PickByLight System
- Position detection
- Pressing-in tools
- Ultrasound measurement devices



All components of LEO - Flexible Tool Station can be adapted to your wishes, and CSP offers extension options for special tools. The station sets great value upon ergonomic aspects and user-friendliness. Working tools and the necessary equipment are always at hand. Sufficient storage space and the possibility to integrate special tools in specific drawers make for a clearly arranged and neat work place.

No matter where you currently are in production: With LEO - Flexible Tool Station, you always have everything handy.

Fields of application

At production with small amounts and/or large components, the most versatile work processes can be executed with the Flexible Tool Station. Fields of application are batch production, prototype construction, pre-batch assembly, pilot lines, Small series, rework and repair as well as provision as emergency strategy in case of tool failure in the production line

With LEO - Flexible Tool Station...

- and the assembly assistance software IPM PG, you can define work instructions for simple and complicated work steps and accompany your staff visually and step by step through all manual production processes.
- and test scheduling, you can ensure fulfillment of all quality-relevant test attributes of your product.
- and the software for process data management IPM, you record, document and analyze all your process data.



ANY QUESTIONS?

Please contact us!



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CSP
EFFICIENCY COMES TRUE

LEO
FLEXIBLE TOOL
STATION