

INDUSTRIAL APPLICATIONS

Wide range of part variety assembled with highest precision

THROTTLE CHECK VALVE

This STIWA machine assembles, tests, labels and packages throttle check valves. These are used, for example, in hydraulic systems of machine tools.

The components are fed fully automatically into the machine using flexible feeding devices, detected by a camera system, gripped with handling and transferred to an assembly unit. The components are joined, glued, screwed, greased, laser-marked and tested for tightness. Finally, the valves are individually packed in tubular bags and dispensed in boxes.

**MINIMUM SETUP BREAK**

Highly flexible feeding systems provide parts of the following type in a separate hopper. Material loading can take place during production.

AUTOMATIC TOOL CHANGE

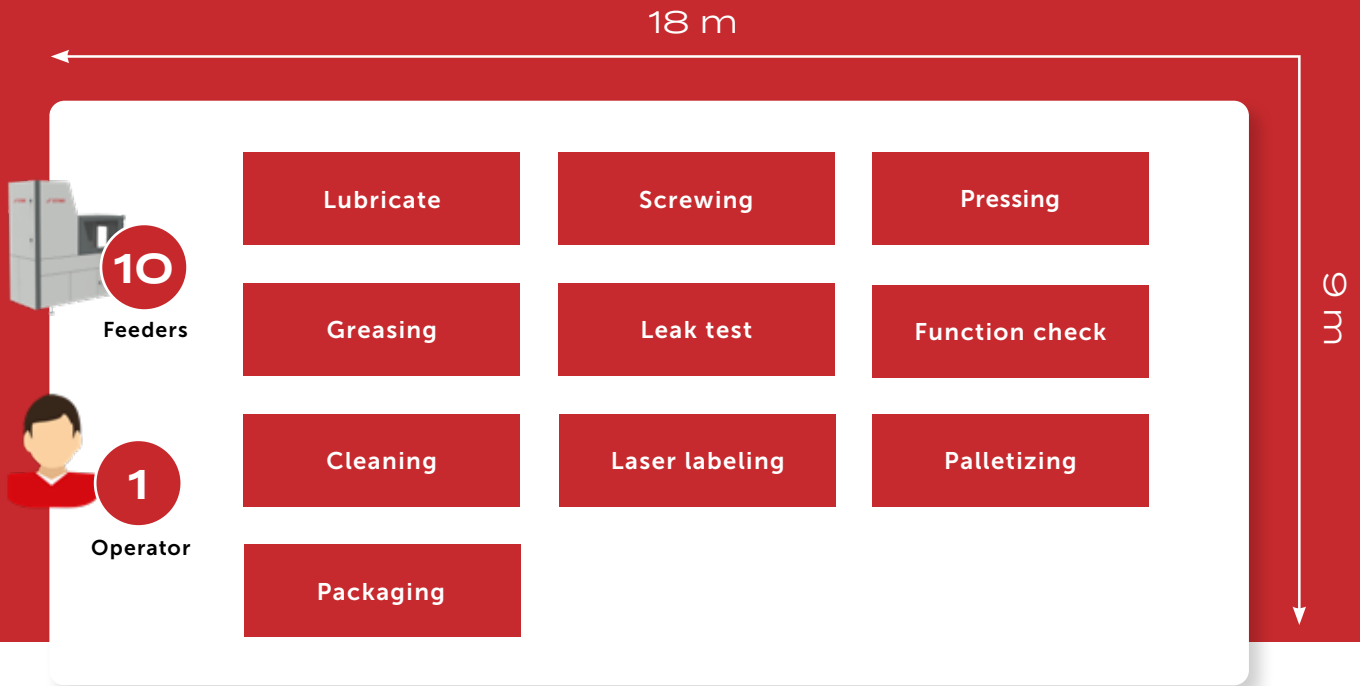
Tool changes are carried out automatically in the setup stations. This allows that 70 product types in different sizes can be processed.

GREASING WITHOUT CONTAMINATION AND CARRYOVER

When greasing, it must be ensured that there is no contamination of the components or a spread of grease in the system.

**References**

See more automation solutions



THE FACTS

Performance	5,500,000 parts/year
Product variants	70 types
Area	approx. 160 m ²
Location	Europe
Special requirements	Continuous setup
Degree of automation	Fully automated

YOUR PERSONAL CONTACT PERSON:



Christian Aicher
Global Sales Director
Industrial Applications

P: +43 7674 603 177
M: +43 664 80803 177
christian.aicher@stiwa.com

STIWA Automation

