

OIL FILLING STATION

This is a 12-station machine, including four operator stations, with two rotary tables for automotive shock absorber assembly. Turntable 1 for the assembly of inner tube of the shock absorber, and turntable 2 for the assembly of inner and outer tube, including oil filling, press in the seal pack and other processes.

■ REQUIREMENTS

- Cycle time 18 seconds per piece
- Horizontal and vertical accuracy of each working station
- Transfer of workpieces between two rotary tables and data transfer

■ PROCESS

- Loading inner tube, piston rod and spring
- Bottom valve check with vision sensor
- Insert piston rod
- Press spring in
- Bottom valve handling
- Insert inner tube into outer tube
- Oil filling
- Seal pack insert and press-in
- Unloading

■ MACHINE DATA

Place of manufacture: China

Industry: Automotive

Operating location: China

Year of construction: 2021

