

HIGH PERFORMANCE STRAIGHTENING MACHINE



Unique algorithm to correct distortion and TOYOPAC MOTION (electro-hydraulic servo system) improve the correction capability and save both energy and space.

■Features

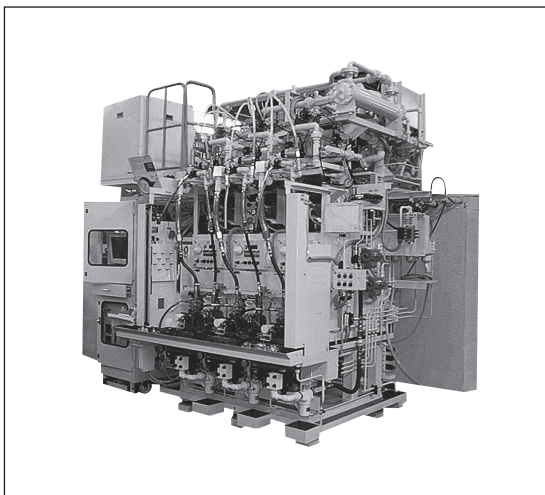
1. High efficiency
The machine assesses a distortion three—dimensionally and determines the amount of correction at the correcting point.
It recalculates, further, optimum amount of correction in real time according to the load applied during correction.
2. High performance
It adopts PID control by a special controller.
Shock generated when it touches a workpiece is reduced by a complex control of pressure and positioning.
3. Energy and space saving
Adoption of TOYOPAC MOTION saves energy and space.

■Specifications

Distortion measurement accuracy	Phase measurement accuracy	Positioning control accuracy	Cylinder speed	Max. thrust	Max. workpiece length	Moto capacity	Tank capacity
10 μ m	20-deg or less	\pm 10 μ m or less	\sim 60mm/s	160kN	430mm	2.9kW	3.0L

* For specifications other than the above, please consult.

INSPECTION AND TESTING MACHINE

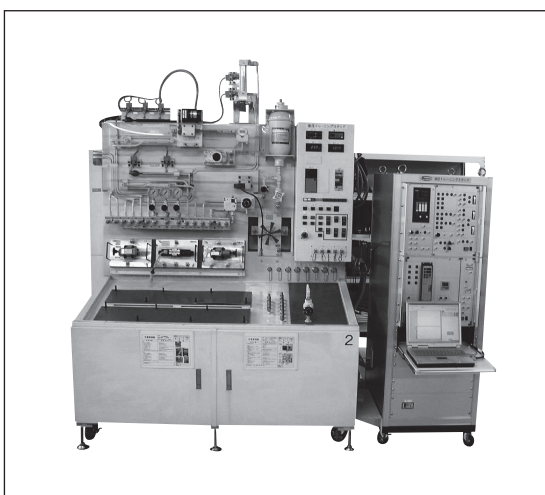


We have developed a variety of inspection and testing machines, utilizing technologies accumulated through the manufacture of hydraulic and pneumatic products. These machines will contribute to customers' efforts to achieve stable quality for their products. Presentation of products fabricated consistently from designing to adjustment.

■Example

- Oil seal and bearing press-fitting and assembling machine
- Rubber press-fitting and assembling machine
- Pump running-in and performance inspection machine
- Clutch coupling torque tightening machine
- Pump performance testing machine
- Other inspection and testing machines

HYDRAULIC TRAINING STAND



This hydraulic training unit allows learning hydraulic applications widely from basic to advanced levels, as a tool for training of freshmen at many educational organizations and companies.

■Features

1. Devices can be added easily.
2. Circuits can be connected easily by couplers.
3. Quick connection of wires from device by one-touch connectors
4. Devices and hoses can be stored in the space provided on the unit.
5. Data control by a PC