



Wide Range Precision Servo Press

■ Feature

1. Wide range press load

<①0.1~250N ②1~3,000N>

2. ±1.0μm Position control

3. Compact

4. Air cylinder + Voice Coil Motor

- Air cylinder: Quick start up, Assist Pressing
- VCM: High precision load control

5. Counter balance

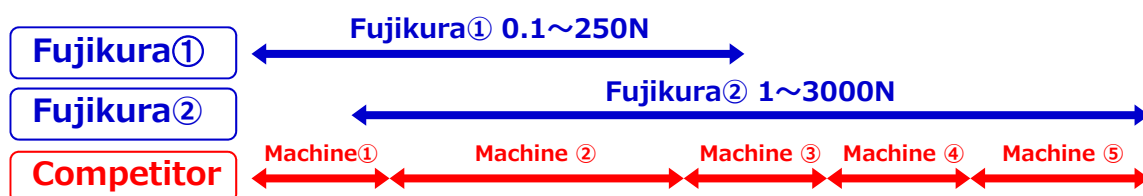
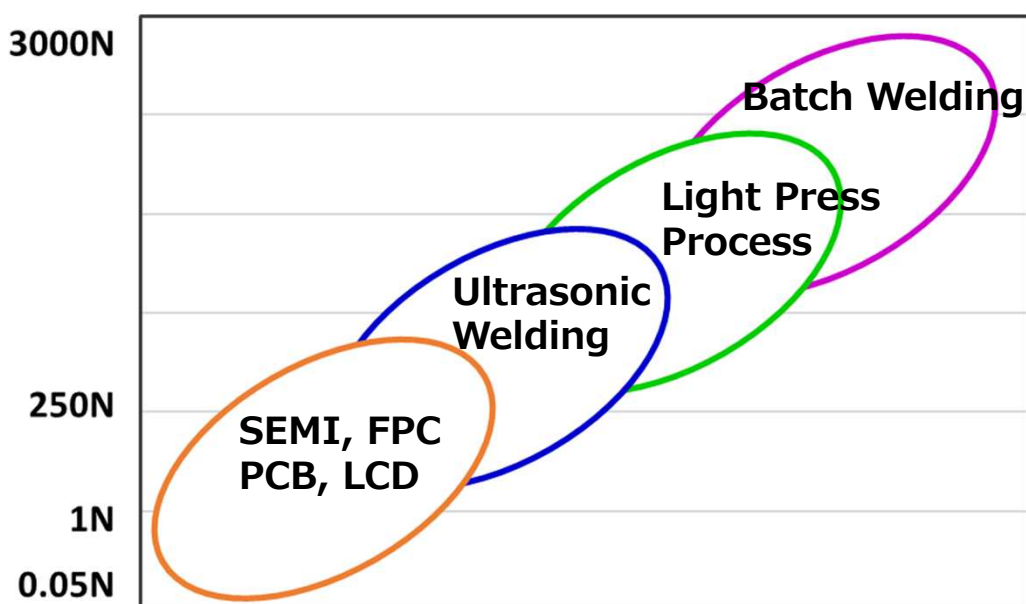
- Self weight cancel mechanism prevents unwanted motion due to inertia

6. Power saving, low heat generation

- Air cylinder helps to save power consumption of an actuator during standby and pressing

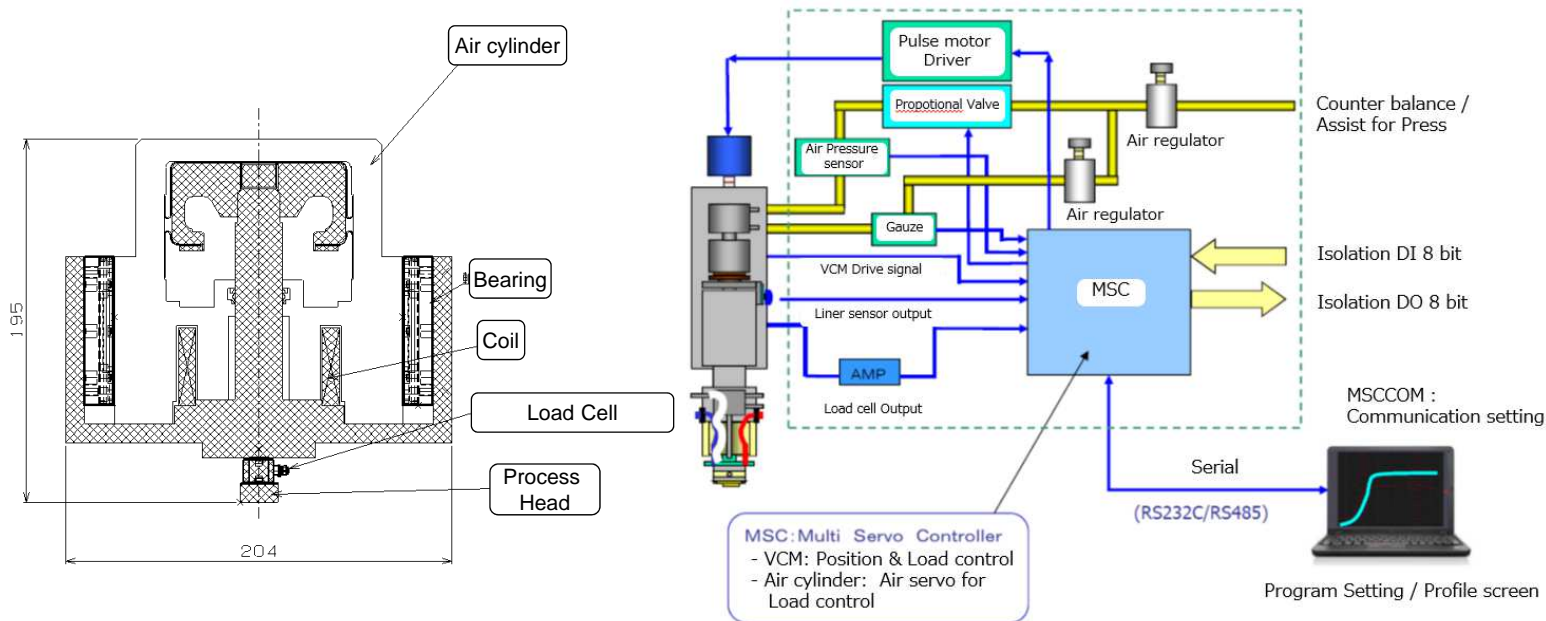


■ Applications





■ Mechanism



Precision and Wide range load control based on the mechanism of VCM control + Air cylinder controlled by air servo

■ Specifications

	0.1 - 250N	1 - 3000N
Control System	Air cylinder + Voice Coil Motor <PID>	
Load Control Range 【N】	0.1 ~ 250	1 ~ 3,000
Resolution of Load Control 【N】	0.001	0.01
Position Control Range 【mm】	20	50
Resolution of Position Control 【mm】	0.001	0.001
Setting	Memorize up to 8 processes Items < Pressure/Time/Gain/other PID parameters >	
Communication System	RS232C	
Data Storage	CSV file < Settings/Parameters/Profiles >	
Operation via PC	Power ON/OFF、 Start/Stop、 Return to the origin、 VCM Servo ON/OFF	
External communication	Photo-coupler I/O or PC < Start with a process set、 Servo ON/OFF、 Return to the origin、 VCM drive、 ZERO point correction >	
Utility	AC100V(50/60Hz)、 3P Power plug、 200VA 0.5~0.6 Mpa(Dry air)、 φ 6mm tube	
Dimensions 【mm】	292 × 245 × 388	-
Weight 【kg】	10	15