

■ Specifications

Model		JPE-503	JPE-1003	JPE-3003	JPE-5003
Ram Stroke	Maximum	100mm	100mm	200mm	200mm
	Allowable range	0~100mm	0~100mm	0~200mm	0~200mm
	Increments	0.001mm	0.001mm	0.001mm	0.001mm
Ram Speed		0.01~120mm/sec	0.01~166mm/sec	0.01~333mm/sec	0.01~300mm/sec
Holding Time *1		0~999sec	0~999sec	0~999sec	0~999sec
Pressure Capacity	Maximum	5KN	10KN	30KN	50KN
	Allowable range	2~5KN	2~10KN	6~30KN	10~50KN
Repeatability		±0.01mm	±0.01mm	±0.01mm	±0.01mm
Sensor Functions		Constant Speed · Position Stop (Load Limit)			
		Constant Speed · Distance Stop (Load Limit)			
		Constant Speed · Load Stop (Position Limit)			
		Constant Speed · Load Stop (Distance Limit)			
Teaching Method *2		PC Software (Windows® 2000/XP)			
Number of Programs/Point Table		100/15			
Interface	I/O	Input : 8 , Output : 10			
	RS-232C *3	1ch			
	RS-485	2ch (Up to 31 presses can be connected.)			
Power Capacity		550VA	900VA	3150VA	5150VA
Power *4	Three-Phase	180~250V		180~250V	
	Single-Phase	180~250V		_____	
Suspended Load on Ram Tip		0.25KN	0.5KN	1.5KN	2.5KN
Ambient Temperature		0~40°C			
Relative Humidity		20 - 90% (No Condensing)			
External Dimensions	Body	W146xD250xH295mm		W220xD775xH507mm	
	Control Box (Excluding connectors)	W115xD230xH280mm		W200xD310xH282mm	
Weight	Body	35kg		160kg	
	Control Box	5kg		12kg	

LV(Low Voltage Directive) is CE certified.
Get CE certification for EMC (Electromagnetic Compatibility) and MD (Machine Directive) if required.

- *1 : Motor power makes the stop time shorter by applying a larger load.
 - *2 : Windows® 2000/XP (Windows is a registered trademark of Microsoft Corporation.)
 - *3 : A RS-232C straight cable has to be prepared on your side.
 - *4 : Select either single-phase or three-phase at the time of purchase. (Single-phase is standard.)
- Power cord to be connected to the terminal stand has to be prepared on your side
- The Communication command list is offered as required.
 - Place the unit on a flat surface suitable for maintenance and cleaning.
 - Avoid using any equipment emitting electric noise nearby.
 - The cable length between the body and control box is 3 mm. (Optional 5 mm cable is available.)
 - Load accuracy is within ±8% of the maximum load (when the pressing speed is 10 mm/sec.)
If load accuracy is important, please perform load compensation periodically.
 - Specifications may change without prior notice to improve quality.



[JPE 3003]

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JANOME

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ELECTRO PRESS

JPE Series Electro Press

"Electric, Efficient and Economical", the JPE Series is a low-cost in-line Electro Press.

1. Price reduction has been achieved through selectively enhancing the position control function. (Approx. 20% less than the JPU Series Electro Press)
2. Still energy efficient, still cheaper and still retaining benefits like the quiet and clean work environment.
3. Compact Control Box designed for small footprints (Approx. 1/3 that of the JPU Series)
4. Use the RS-485 interface for total data management; control up to 31 Electro Presses via PC.
5. With Point Table System software for quick start-up and simple teaching.
6. The JPE Series doesn't use a teaching pendant, keeping costs down.
7. The SPC (process capability index) software helps you attain higher product quality

Program. Create system programs simply by using a command list.

Teaching Screen

Maintenance Screen

Data Sampling Screen

CPK Screen

JPE Teaching & Sampling System

JPE Series

