

A versatile multi-functional press **Multi Press**

A simple, yet versatile press

- all you need to do is place it and press the button!

A variety of functions make it suitable for various applications,
from prototype production and experimenting to line production.

1 An energy-saving concept compliant with safety standards

- The servo press utilizes clean tools that do not require oiling.
- This product requires approx. 1/5 the amount of power consumed by a hydraulic press.

2 Easy-to-operate touch screen

- Equipped with a clear color LCD display
- Simple menu structure
- User-friendly display design guiding you through operations
- Allows you to start operations with a single parameter set



3 A versatile multi press

- A large variety of judgment items: Stroke, load, load rate, elapsed time, etc.
- This PLC-equipped device allows you to use as an automatic machine too.
- Linking the machine to the application software allows you to conduct various analyses.
- The machine boasts 99 operation patterns.



Suitable for these needs

Simple handling

A program for automatic detection of the contact position (pattern creation program) allows you to easily set up the machine and start using it immediately.

You can easily configure the machine to control press force and height.

This press can also be configured for multiple models, reducing the amount of workload.

Maintaining stable product quality

The machine can detect issues such as workpiece misalignment or pinching foreign matters.

➔ Reducing the amount of defective products

Visibility of operation results (waveforms/numeric values) is a standard feature.

➔ Alternative for precision inspection

Managing data

You can manage data by connecting the machine to a PC (use the dedicated application that comes with the package).

Multi Press

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Model Lineup

4 types (5 kN, 10 kN, 30 kN, 50 kN)

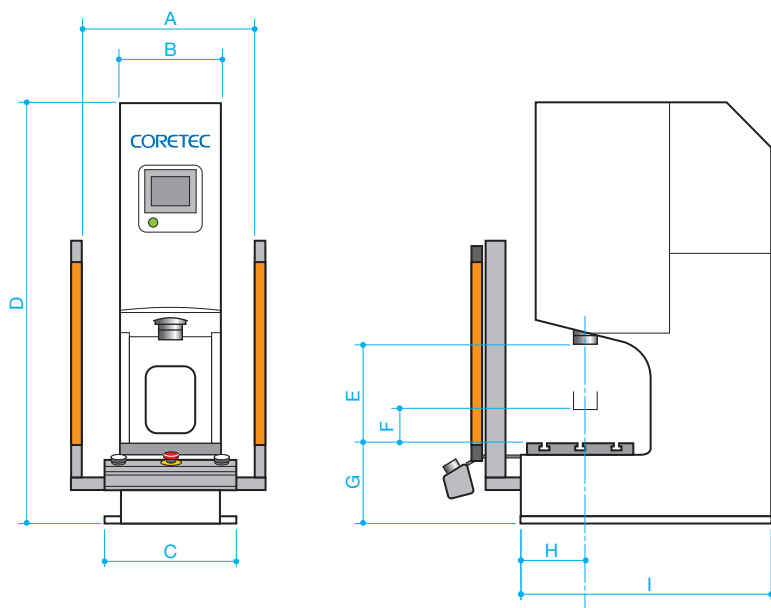
Item	PCS05	PCS10	PCS30	PCS50
Stroke	Max. value: 100mm	Max. value: 100mm	Max. value: 200mm	Max. value: 200mm
	Positional repeatability: +/-0.01 mm Resolution: 0.01 mm			
Max. speed *1	180mm/s	150mm/s	150mm/s	120mm/s
Momentary max. force *2	5 kN	10 kN	30 kN	50 kN
Rated force	3 kN	7 kN	21 kN	40 kN
Load accuracy *3	Load cell FS +/-1.5% (without overhang load)			
Load repeatability	Load cell FS +/-0.5%			
Minimum setting unit	Force: 0.01 kN / Stroke: 0.01 mm / Load rate: 0.01 kN/mm / Feed speed: 0.01 mm/sec.			
External interface	Ethernet (for collecting the data utilizing the accompanying application)			
Number of program entries	99 programs			
Power source	3 phases 200VAC +/-15%			
Weight	Approx. 340kg	Approx. 340kg	Approx. 420kg	Approx. 660kg
Operating environment	0 to 45°C, 85% or less, no contact with condensation, corrosive gases or cutting oils			
Optional equipment	Light curtain, signal tower, bolster, mount, etc.			

*1 Maximum speed indicates the speed when the ram operates without any load.

*2 Be careful not to exceed the momentary maximum force. This force value is not intended for continuous operation.

*3 This value indicates the accuracy level relative to the load cell scale.

*4 Contact us if the fixture weight exceeds the value, since the machine speed and cycles will be limited.



Sample Test Requests Received Any Time

If you wish to see the actual product, get more detailed information, or do a sample test, dial the number below to contact us.

Contact: +81-866-94-9016
Sales rep: Kiyonaga

Dimension Diagram

Model	Force (kN)	Stroke	A	B	C	D	E	F	G	H	I
PCS05	5	100	530	252	370	965	165	65	240	200	782
PCS10	10	100	530	252	370	965	165	65	240	200	782
PCS30	30	200	530	302	400	1272	315	115	240	200	782
PCS50	50	200	530	402	500	1522	315	115	240	250	902

(mm)

* Please note that catalog contents are subject to change without prior notice due to product improvements.

