



Pneumatic and Servo Presses

**Ready to Run
Customizing Our Specialty**

www.fancort.com

BP-500 Adjustable Column Press from 400 to 725 lbs.

An economical press with a small footprint for light assembly work

Features:

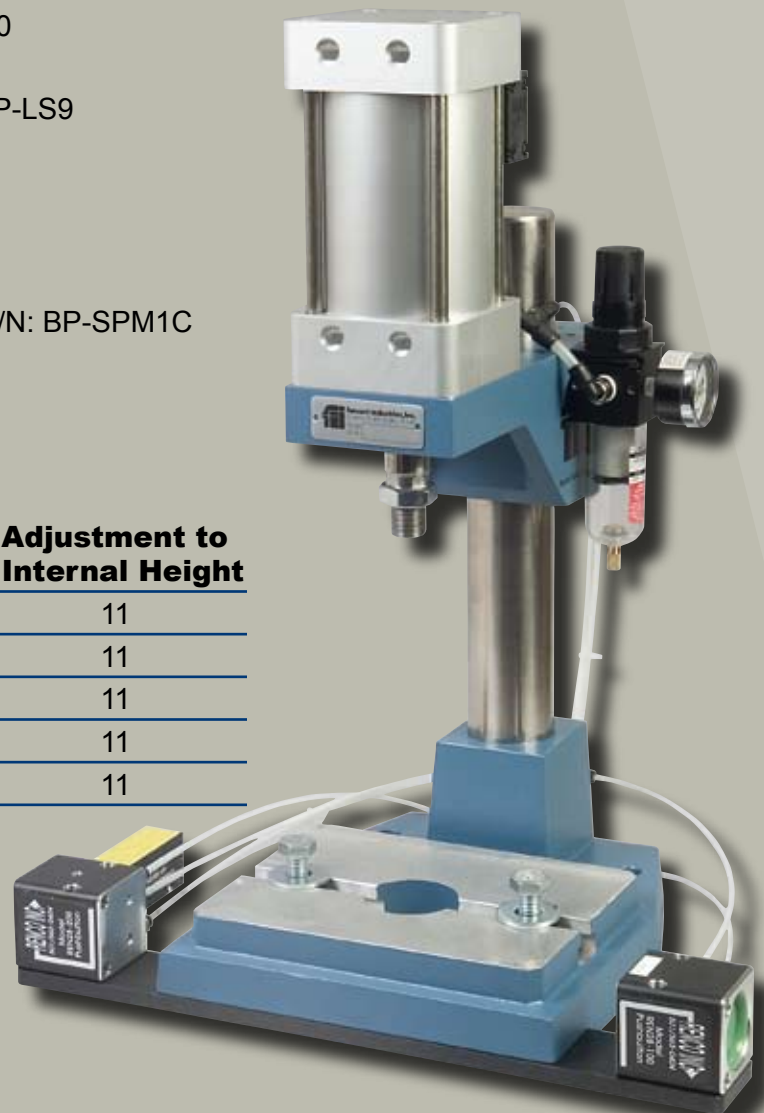
- Solid steel column with 11" of height adjustment; longer columns available
- 8" x 6" base with keyway for easy tool mounting
- 3.25" polished bore, double-acting cylinder standard, 725 lbs at 100 psi
- 3" stroke standard
- Minimum cycle time 2 seconds
- Two-hand OSHA approved controls, filter regulator and speed control
- Optional bore cylinders and stroke lengths; see table
- Male threaded rod $\frac{3}{4}$ -16 x 1"
- Measures 16" x 10" x 23"
- Weighs 47 lbs
- Made in the USA
- One year warranty

Options:

- Non-contact electronic controls P/N: BP-NC100
- End of stroke indicator P/N: BPES-1
- Optional 9 inch stroke length available; P/N: BP-LS9
- Non-rotating ram P/N: BPNR-500
- Timer circuit-set down stroke from 1 second to 500 hours, P/N: BP-TM10
- Viton seals for high-temp use, P/N: BPVS-500
- Micro-adjust cylinder to control down-stroke, P/N: BP-SPM1C
- Longer columns available for additional height clearance up to 19 inches

Model Number	Std. Output Range (lbs)	Column Stroke	Adjustment to Internal Height
BP-500	400-725	3	11
BP-500-4	650-1175	3	11
BP-500-4-50	50-1175	3	11
BP-500-1	5-50	3	11
BP-500-1SP	60-100	3	11

Columns available in lengths from 8" to 24"



BP-500E-60 “Smart Press” from 1 lb to 120 lbs

Programmable servopress for precision control of force, stroke, speed, dwell, and more

Features:

- Positioning accuracy of $\pm .0004$ " (.01mm)
- Control force to a tolerance of $\pm 10\%$ of target point
- Program with teaching pendant included with user-friendly software for programming from a PC; includes data output for SPC; software allows user to run the press from a PC
- 4" stroke standard; optional strokes available from 2" to 12"
- Store up to 15 programs
- Adjustable column allows for 11 inches of height adjustment
- Non rotating ram
- Closed loop servomotor and servo amplifier
- Small footprint and adjustable column with 11" of height adjustment
- 8"x6" base with keyway and two bolts for easy tool mounting
- Two-hand OSHA approved optical safety, non-contact controls
- Program counter, repeat and loop capabilities
- Male threaded rod M14 x 1.5
- Power Requirement 110Vac, 6.2 amp
- Measures 11" x 11" x 27"; weighs 40 lbs
- Made in the USA



Model 5000L 'C' Frame Presses from 1 to 5 tons

Features:

- 16"W x 13 ¼" D bed area with ram 7.125" from front of die plate; optional wide model with 22" wide bed area
- Ram to bolster plate clearance is 8 ¾"
- Rigid 'C' frame construction with 1" thick side walls to prevent flexing
- Tough nitro blue enamel finish and hardcoat aluminum die plate with three sets of tapped ½-13 holes for die mounting
- 5" bore, double-acting cylinder with cushioned stops produces about one ton at 100psi
- 4" stroke standard with 4.5" shut height. Optional stroke lengths available
- Centrally located ram with 1.5" x 1" shank collar
- Speed control and filter/regulator; counter and air gauge mounted on face of press
- Two-hand, OSHA approved safety controls
- Two to four second cycle time
- EC approved
- Measures 21" x 13.5" x 28"; weighs 100 lbs.
- Made in the USA
- One year warranty
- Male threaded rod ¾-16x1

Options:

- Non-contact electronic controls P/N: BP-NC100
- End of stroke indicator P/N: BPES-1
- Non-rotating ram P/N: BP-NR-1000
- Timer circuit-set down stroke from 1 second to 500 hours P/N: BP-TM10
- Viton seals for high-temp use, P/N: BPVS-500
- Micro-adjust cylinder to control down-stroke, BP-SPM-1C

Model Number	Std. Output Range (lbs)	Column Stroke	Available Die Plate Width
5000L	1150-1900	4	16
5000L-22	1150-1900	4	22
5000L-6	3400-5600	4	16
5000L-6-22	3400-5600	4	22
5000L-8	4000-8000	4	16
5000L-8-22	4000-8000	4	22
5000L-10	6000-10000	4	16
5000L-10-22	6000-10000	4	22

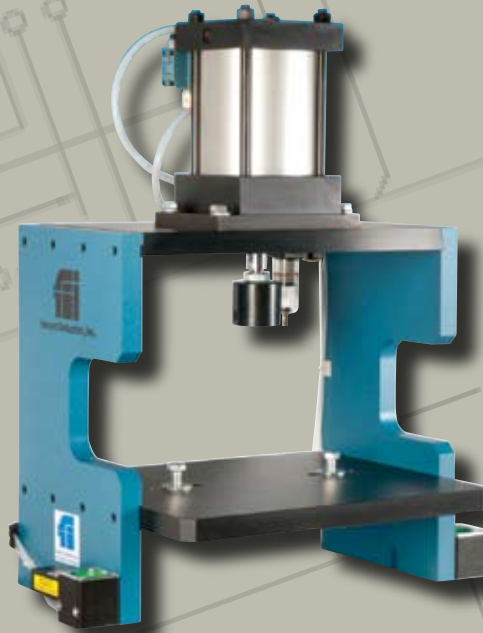
Four and Five Ton 'C' Frame Presses

Same specifications as standard 5000L

with all available options

5000L-8 produces four tons at 100 psi;

5000L-10 produces five tons at 100psi



Economy 'C' Frame Press to 2 tons

Same specifications and available options as 5000L less sheet metal shroud around the cylinder, base plate, counter & front-mounted pressure gauge.

5000LE produces about 1900# at 100 psi;

5000LE-6 produces about 5600# at 100psi;

Model 5000L 'C' Frame Presses from 1 to 5 tons



Janome ElectroPress For Critical Assembly Applications

with Force Range from 5kgf to 8000kgf

Features:

- Program force, speed, distance, stop position, stop load and dwell time with built-in software
- Optional JP Soft software includes JP Designer for data teaching and OK/NG judgment setting on a PC, and JP Reporter to record data for CPK analysis and traceability of all parameters into Excel, csv and HTML including graphing
- Repeatable accuracy of $\pm 0.005\text{mm}$
- Store up to 100 programs in flash memory; use PC for unlimited pattern storage
- Holding time to 99.9 seconds in 0.1sec increments
- Stroke length 80 to 200mm depending on model; program ram stroke in .001mm increments
- Ram speed 35mm/sec; pressing in increments of 0.1mm/sec
- Three versions: stand-alone, head type and unit type for in-line automation
- Two hand safety controls
- Display in N, kgf, lb, mm, in and six languages
- Bar code data can be sent to press for data collection
- External interface: RS232C
- External I/O: 17 inputs, 16 outputs
- AC servomotor controlled with 32 bit processor
- Power options: System choice of 220VAC single phase or 220VAC three phase
- NPN or PNP available

Options:

- Optional class 10 Clean-room models available in several force ranges and versions
- Optional 100mm spacers to increase press opening
- Long stroke models available (150mm and 400mm)
- Optional JP Soft software includes JP Designer for data teaching and OK/NG judgment setting on a PC, and JP Reporter to record data for CPK analysis and traceability of all parameters into Excel, csv and HTML including graphing
- I/O cable

Model	Force (Kgf)	Newtons	Lbs
JP-054	5-50	50-500	11-110
JP-104	10-100	100-1000	22-220
JP-204	20-200	200-2000	44-440
JP-504	50-500	500-5000	110-1100
JP-1004	100-1000	1000-10000	220-2200
JP-1504	150-1500	1500-15000	330-3300
JP-2004	200-2000	2000-20000	440-4400
JP-3004	300-3000	3000-30000	660-6600
JP-5004	500-5000	5000-50000	1100-11000

Contact factory for information and specifications on head, unit or JP models.

Unit style available to 8000kgf (JPU-8004)



**Clean Room
Stand-Alone**



Stand-Alone



**JP-S 1001
class 10kN**



**JP Series 4
Head Style**



**JP Series 4
Unit Style**



New, Large C Frame “Smart Press”

Features:

- Two models with force range of 2200 lbs (5000L-JP-S1001) and 4400 lbs (5000L-JP-S2001)
- Repeatability of ± 0.01 mm
- Bed working area 13 ¼”D x 16”W with ram 10” from die plate
- Strokes available: S1001 with 100, 250mm; S2001 with 100, 200, or 350mm
- Built-in load cell; specify push or pull
- I/O with 17 inputs and 16 outputs
- Two hand non-contact optical controls
- Teaching software for use with PC; optional teach pendant
- Controller supplied works with PLC, not included
- Power: 180-250V, single phase

Customize or Design and Build a New Press

Features:

- Illustrated is an example of a custom designed servopress with heater plates for a custom application. Force range on this press was 1 kgf to 60 kgf and the heater was controllable to 400C
- Fancort welcomes your inquiry on presses that require minor modifications or a specific design with custom specifications.



 **fancort
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