



fancort industries, inc.

TM



Industrial Presses

Pneumatic and Servo Presses

Pneumatic Adjustable Column Presses: 2 lbs to 2 Tons

Overview

Designed for light assembly work requiring forces from 5 to 1900 lbs, these pneumatic air presses have a small footprint, side mounted controls, adjustable column, speed control and keyway for easy tool mounting. Our most popular air press at a very attractive price .

Features

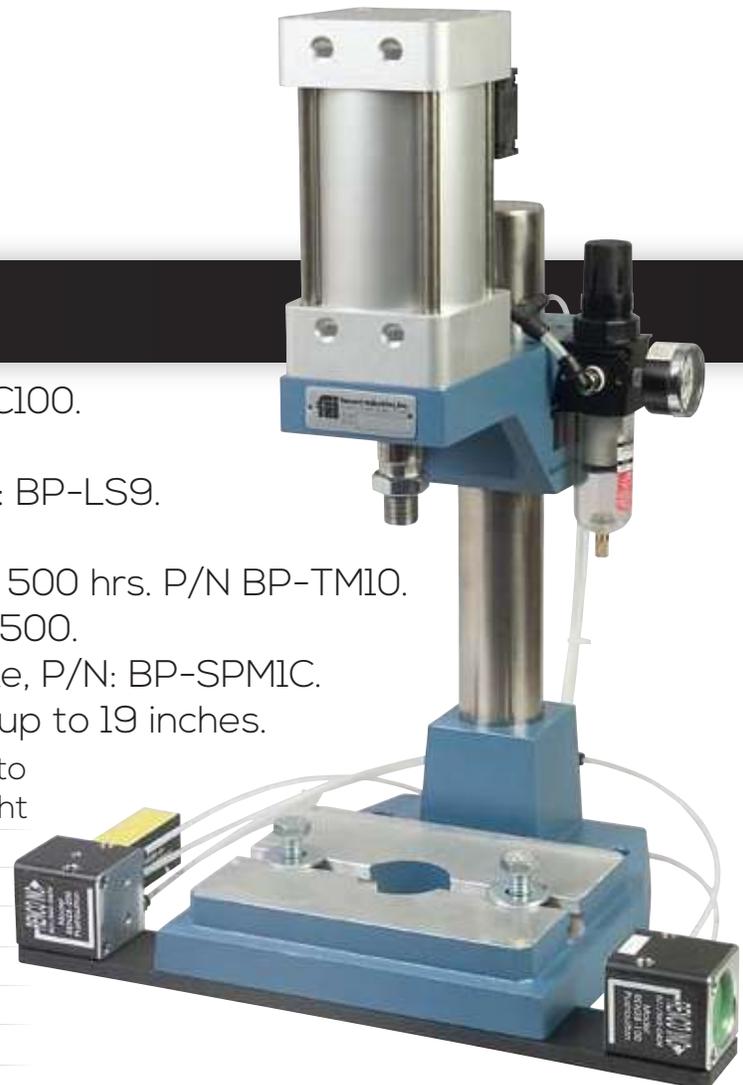
- ▶ Solid steel column with 11" of height adjustment: longer columns available.
- ▶ 8" x 6" base with keyway for easy tool mounting.
- ▶ 3.25" polished bore, double-acting cylinder standard, Standard, 725lbs at 100 psi.
- ▶ 3" stroke standard.
- ▶ Minimum cycle time 2 seconds.
- ▶ Two-hand OSHA approved controls, filter regulator and speed control.
- ▶ Optional bore cylinders and stroke lengths.
- ▶ Male threaded rod 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 sec to 500 hrs. P/N BP-TM10.
- ▶ Vitron seals for high-temp use, P/N: BPVS-500.
- ▶ Micro-adjust cylinder to control down-stroke, P/N: BP-SPMIC.
- ▶ Longer columns available additional height up to 19 inches.

Model Number	STD. Output Range (lbs)	Column Stroke	Adjustment to Internal Height
BP-500	500-725	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"
BP-700	1150-1900	4	15"
BP-700-6	2300-3848	4	15"

Columns available in lengths from 8" to 24"



Smart Presses™

1 lbs to 120 lbs

Overview

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

Features

	BP-500E-60	BP-600E-200	BP-700E-600
▶ Program force from	.5 to 60kgf	66 to 203 kfg	110 to 611 kfg
▶ Stroke length 4"	same	same	same
▶ Male threaded rod.	M 14 x 1.5mm	M20 - 1.5	same
▶ Internal height adjustment.	11" typical	15" typical	15" typical
▶ Base with keyway and two bolts for tools mounting.	8" x 6"	12" x 10"	12" x 10"
▶ Two-hand non-contact safety controls.	same	same	same
▶ Positioning accuracy of $\pm .004"$ (.01mm). Closed loop servo motor amplified.	same	102mm	102mm
▶ The max speed on the Smart Press™ is 100mm per second.	same	150mm	150mm
▶ Control force to a tolerance of $\pm 10\%$ of target point.	same
▶ Program and operate with user friendly software, NO SPC.	same	Yes	Yes



Model 5000L "C" Frame Presses

1 to 5 Tons

Overview

Fancort's quiet, smooth action heavy duty "C" frame air presses are designed with a high degree of functionality and versatility for light assembly work up to 10 tons. The deep throat, large bed area and stable base make these presses very flexible. Shipped "Ready-to-Run!".

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 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.

Options

- ▶ Non-contact electronic controls P/N: BP-NC100.
- ▶ End of stroke indicator P/N: BPES-1.
- ▶ Non-rotating ram P/N: BPNR-1000.
- ▶ Timer circuit-set down stroke from 1 sec to 500 hrs. P/N BP-TM10.
- ▶ Vitron seals for high-temp use, P/N: BPVS-500.
- ▶ Micro-adjust cylinder to control down-stroke, P/N: BP-SPM1C.

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



Model 5000L "C" Frame Presses 1 to 5 tons

Economy "C" Frame Presses 1 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 1,900# at 100psi;
5000LE-6 produces about 5,600# at 100psi.



"C" Frame Presses 4 to 5 tons

Same specifications as standard 5000L with all available options.

5000L-8 produces 4 tons at 100psi;
5000L-10 produces 5 tons at 100psi.

Janome Electro Press Models

5 kgf to 8000 kgf

Overview

Programmable servomotor electric press for complex assembly, testing and 100% part inspection with integrated load cell that will dramatically improve the quality and accuracy of your finished parts.

Features

- ▶ Program force, speed, distance, stop position and load 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 graphics.
- ▶ Repeatable accuracy of $\pm .005\text{mm}$.
- ▶ Store up to 100 programs in flash memory; use PC for unlimited pattern storage.
- ▶ Holding time to 999.9 seconds in 0.1 sec increments.
- ▶ Stroke length 80 to 200mm depending on model.
- ▶ Ram speed 35mm/sec; pressing in increments of 0.1 mm/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 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 judgement 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



Clean Room
Stand-Alone



Stand-Alone



JP-S 1001
Class 10KN



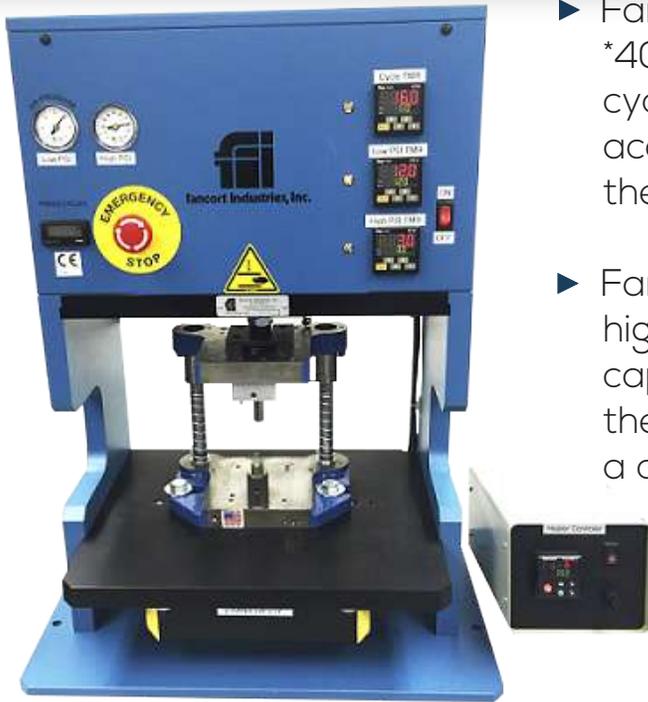
JP Series 4
Head Style



JP Series 4
Unit Style

Automated Pneumatic Dual force Heated Press with Heater Controller and Elements

Features



- ▶ Fancort dual Force pneumatic press that can supply *400-1900 Lbs of force standard in each pressure cycle program. This option also includes timers for accurate control of the force intervals for each of the Dual Force circuits.
- ▶ Fancort temperature controller including: Compact high reliability micro heaters and Thermo- Couples capable of **0-500 degrees F . Fancort incorporates these heaters in our tools, presses and fixtures for a complete turnkey system.

*Other output force ranges and heat profile ranges are available, please inquire.

Automatic Drill Press

Features



www.fancort.com

31 Fairfield Place West Caldwell, NJ 07006

sales@fancort.com

(P) 1.888.FANCORT

(P) 973.575.0610