

PRESS MACHINE CATALOG



OUTSTANDING FEATURE

NEW FUNCTION

1. Turn on/off heating according to the plan

Reduce **Energy loss**, reduce **Availability Loss**

2. Set up the process cycle (multiple steps) and technological parameters

Multiple operation steps can be set up in a single stage on one machine instead of splitting them across multiple machines

3. It is possible to adjust the pressing force automatically and independently

All three technological parameters: pressing time, temperature, and pressing pressure are digitized and automatically controlled

4. It is possible to save and directly call the process cycle (recipe) from the list

Information such as "Product code", "Stage code", "Technological parameters", etc., store in a list and can be accessed/retrieved quickly; **prevents operators from adjusting the technological parameters.**

5. There is a screen to enter and store periodic inspection measurement data.

- Technology parameters that require periodic measurement and double-checking are entered from the HMI screen and stored in real-time
- To calibrate device parameters based on measured parameters

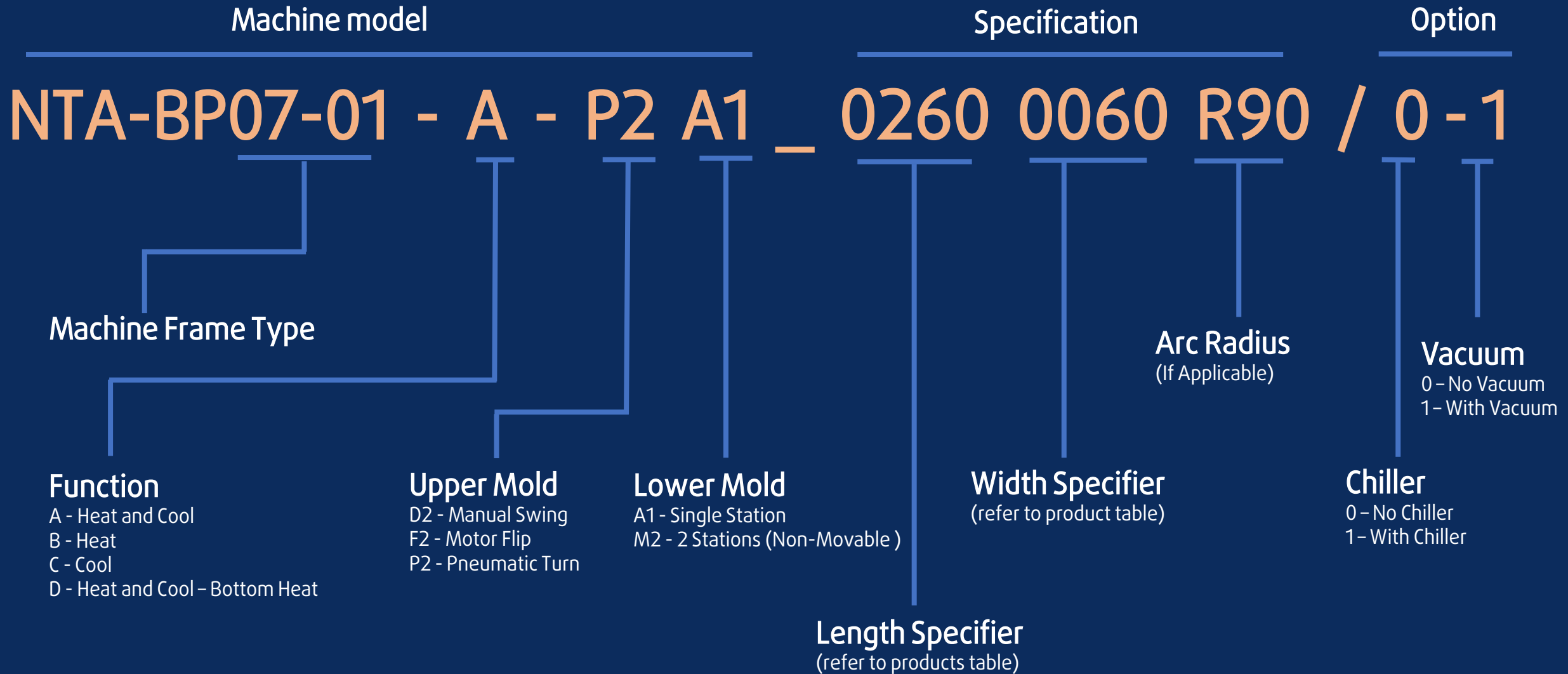
6. IoT Connection with Engineering and Production Management Software

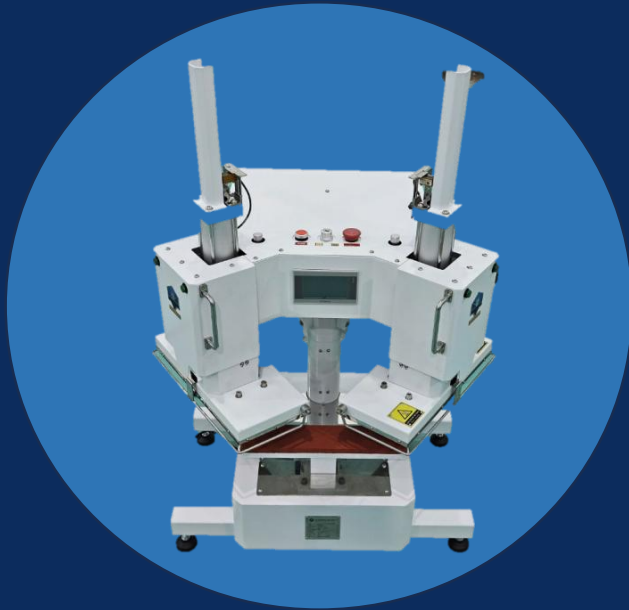
- The process cycles and technology parameters (recipe) can be pre-set on centralized management software and transmitted to and stored on individual machines. When starting the production line, workers only need to retrieve the formula without manual setup → reduce **Availability Loss**
- All real-time production data related to technology parameters and machine productivity are recorded and sent to technical and production management software via IoT for analysis, enabling three functions: **Productivity Management (OEE control), Quality Management (Quality control), and Traceability**

**Option*



MACHINE CODE SELECTION GUIDE





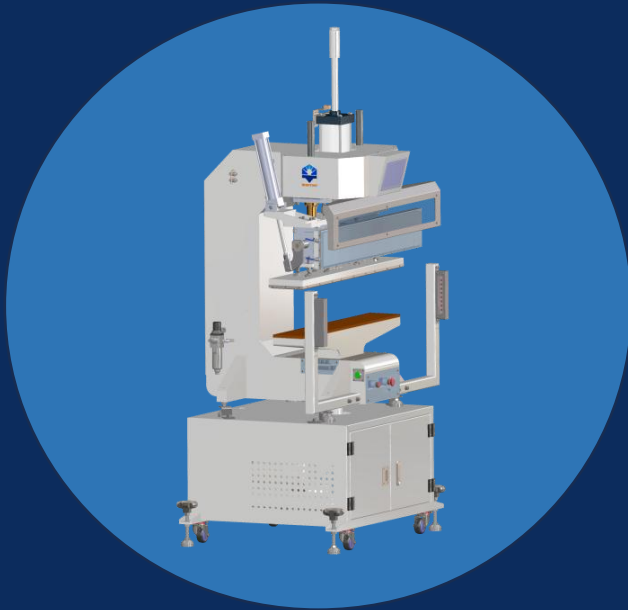
NTA-BP02-01-A-D2A1

- Heat and cool press mold, manual swing, single station
- Optional Vacuum and Chiller
- Changeable mold size



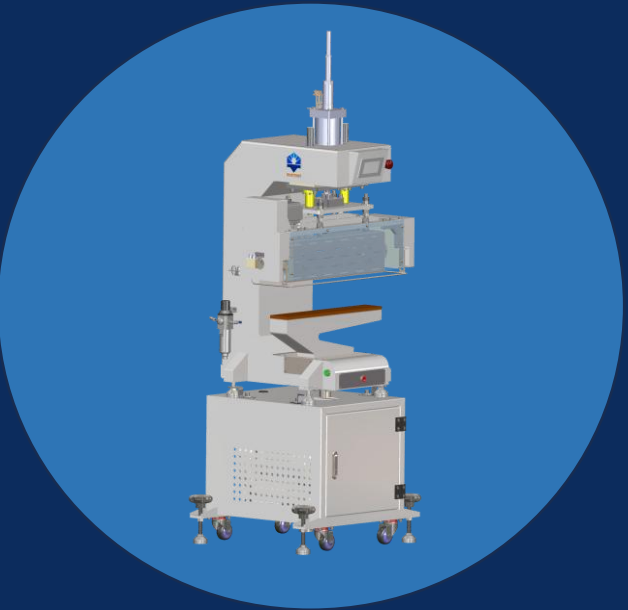
NTA-BP03-01-A-P2A1

- Heat and cool press mold, pneumatic turn, single station
- Optional Vacuum and Chiller
- Changeable mold size



NTA-BP04-01-A-P2A1

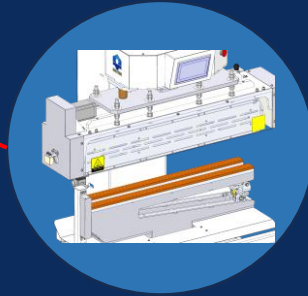
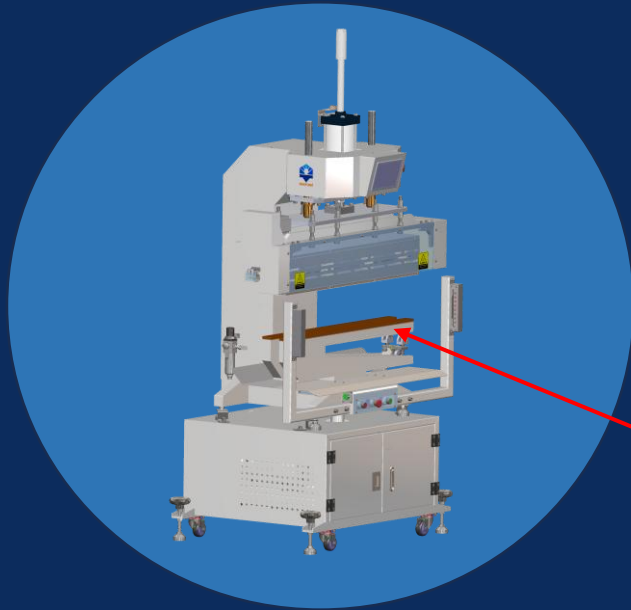
- Heat and cool press mold, pneumatic turn, single station
- Optional Vacuum and Chiller
- Changeable mold size



NTA-BP05-01-A-F2A1

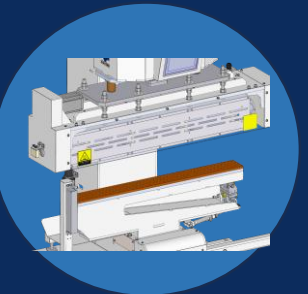
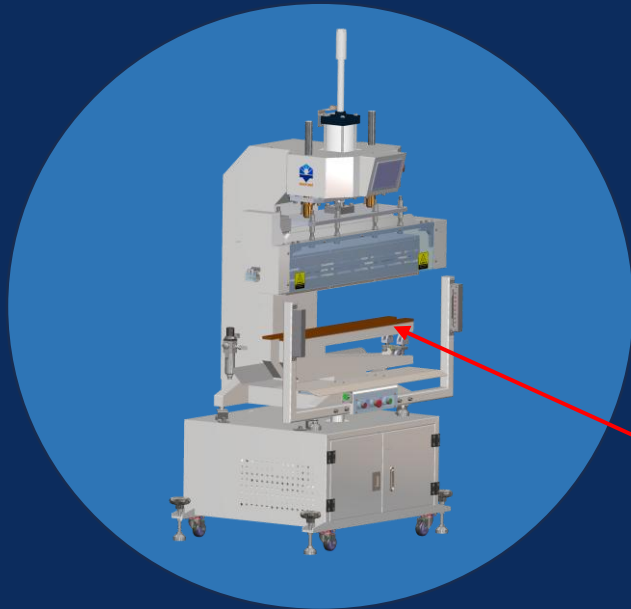
- Heat and cool press mold, motor flip, single station
- Optional Vacuum and Chiller
- Changeable mold size

MACHINE FUNCTION - SPECIFICATION



NTA-BP06-01-A-F2M2

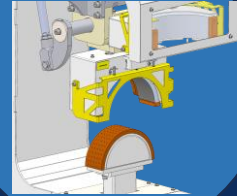
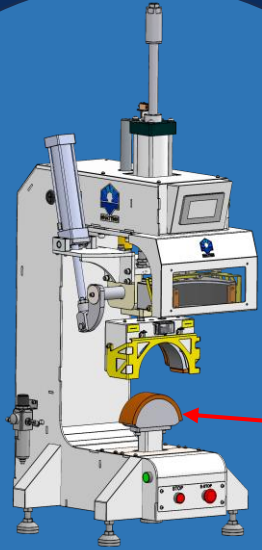
- Heat and cool press mold, motor flip, 2 Stations (non-movable)
- Optional Vacuum and Chiller
- Changeable mold size



NTA-BP06-02-A-F2A1

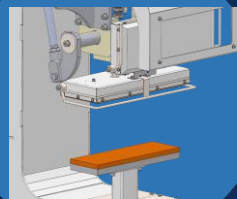
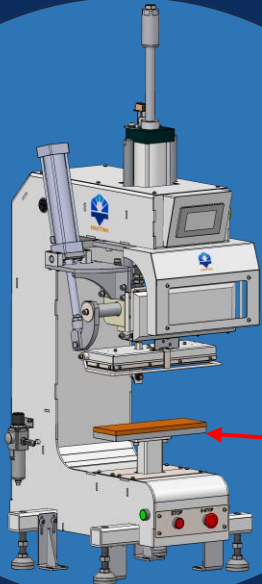
- Heat and cool press mold, motor flip, single station
- Optional Vacuum and Chiller
- Changeable mold size

MACHINE FUNCTION - SPECIFICATION



NTA-BP07-01-A-P2A1_XXX R90

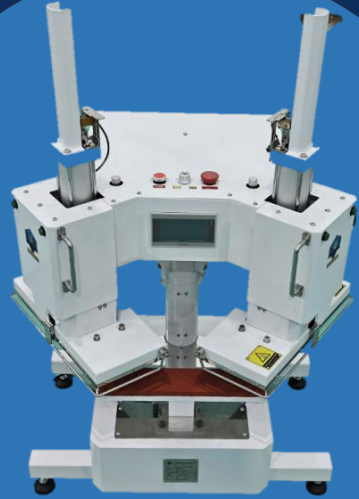
- Heat and cool press mold, pneumatic turn, curved mold
- Optional Vacuum and Chiller
- Changeable mold size



NTA-BP07-02-A-P2A1

- Heat and cool press mold, pneumatic turn, single station
- Optional Vacuum and Chiller
- Changeable mold size

COMMERCIALIZED MACHINE



NTA-BP02-01

NTA-BP02-01-A-D2A1_03800080/0-0

NTA-BP02-01-A-D2A1_03800080/1-0



NTA-BP03-01

NTA-BP03-01-A-P2A1_03080160/0-0

NTA-BP03-01-A-P2A1_03800160/1-0

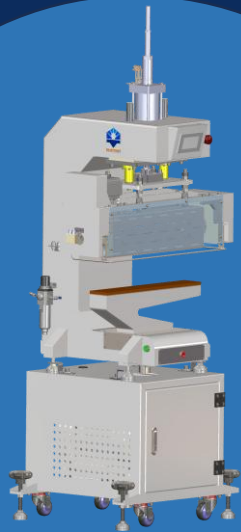
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NTA-BP04-01

COMMERCIALIZED MACHINE

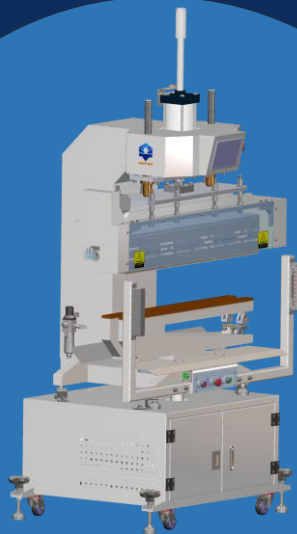


NTA-BP05-xx

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- NTA-BP07-01-A-P2A1_026000060R90/0-0
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- NTA-BP07-01-A-P2A1_026000060R90/0-1
- NTA-BP07-01-A-P2A1_026000060R90/1-1
- NTA-BP07-02-A-P2A1_030000100/0-0
- NTA-BP07-02-A-P2A1_030000100/1-0

- NTA-BP06-01-A-F2M2_10000050/0-1
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NTA-BP06-xx



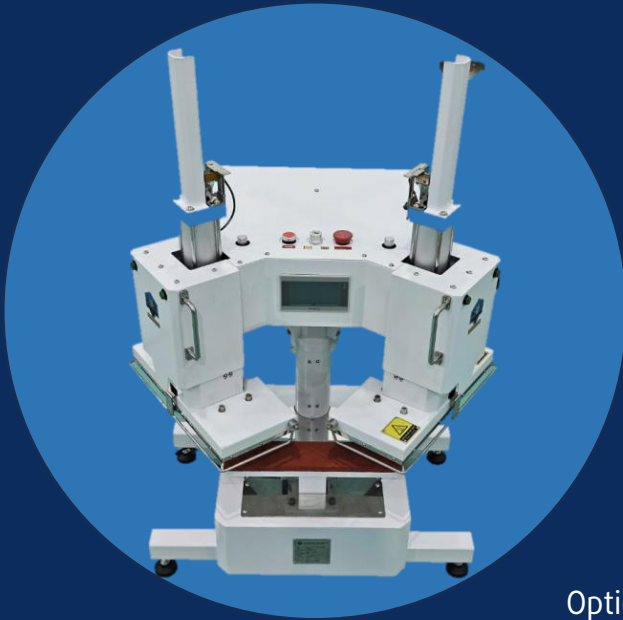
NTA-BP07-xx



COMMERCIALIZED MACHINE TABLE

MODEL	I (IoT)	S (Swing head)	1# (Single lower mold)	2# (Double lower mold)	F (Flat press)	R (Curve press)	V (Vacuum, table included)	H (Heat)	C (Cool)	B (Bottom heat)	Cylinder Size (mm)	Stroke (mm)	A-Stroke (mm)	Heater Power (W)
NTA_BP02-01-A-D2A1_03800080/0-0 NTA_BP02-01-A-D2A1_03800080/1-0	X	X	X		X			X	X		63	150	75	1600
NTA-BP03-01-A-P2A1_03800160/0-0 NTA-BP03-01-A-P2A1_03800160/1-0	X		X		X			X	X		80	200	75	1600
NTA-BP04-01-A-P2A1_10000160/0-1 NTA-BP04-01-A-P2A1_10000160/1-1	X		X		X		X	X	X		125	250	100	3200
NTA-BP05-01-A-F2A1_06000100/0-0 NTA-BP05-01-A-F2A1_06000100/1-0	X		X		X			X	X		100			1200
NTA-BP05-01-A-F2A1_06000100/0-1 NTA-BP05-01-A-F2A1_06000100/1-1	X		X		X		X	X	X		100			1200
NTA-BP06-01-A-F2A1_10000100/0-1 NTA-BP06-01-A-F2A1_10000100/1-1	X		X		X		X	X	X		125	250	100	2000
NTA-BP06-02-A-F2M2_10000050/0-1 NTA-BP06-02-A-F2M2_10000050/1-1	X			X	X		X	X	X		125	250	100	2000
NTA-BP07-01-A-P2A1_02600060R90/0-0 NTA-BP07-01-A-P2A1_02600060R90/1-0	X		X			X		X	X		80	200	75	800
NTA-BP07-01-A-P2A1_02600060R90/0-1 NTA-BP07-01-A-P2A1_02600060R90/1-1	X		X			X	X	X	X		80	200	75	800
NTA-BP07-02-A-P2A1_02600060R90/0-1 NTA-BP07-02-A-P2A1_02600060R90/1-1	X		X		X		X	X	X		80	200	75	800

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP02-01

NTA-BP02-01-A-D2A1_03800080/0-0

NTA-BP02-01-A-D2A1_03800080/1-0

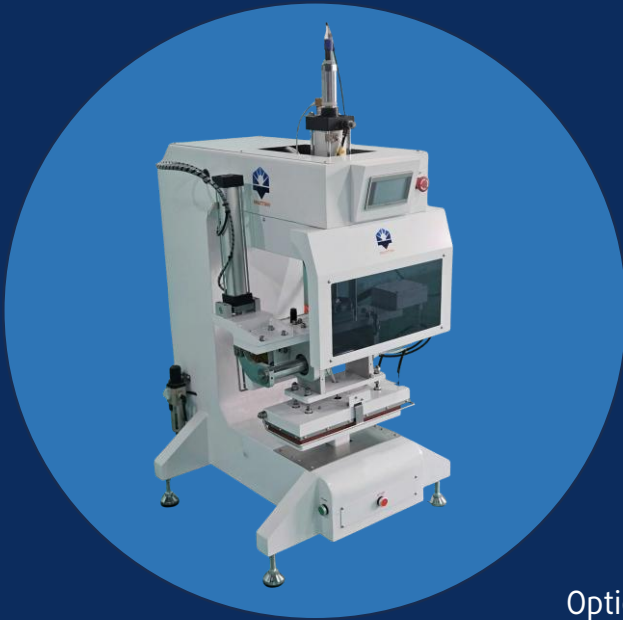


Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	1600
Vacuum Power	W	None
Press cylinder size	mm	63
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	380x160
Lower mold area	mm	380x80
Dimensions	LxWxH (mm)	650 x 700 x 1670
Weight	Kg	220

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP03-01

NTA-BP03-01-A-P2A1_03080160/0-0

NTA-BP03-01-A-P2A1_03800160/1-0

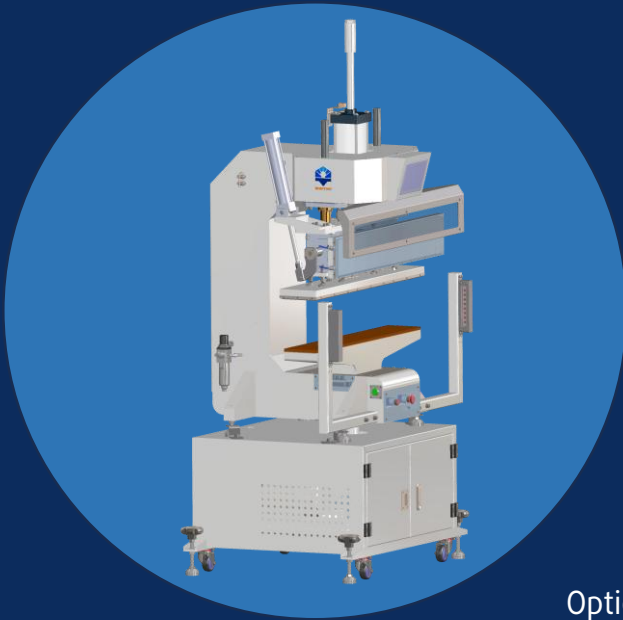


Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	1600
Vacuum Power	W	None
Press cylinder size	mm	80
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	380x160
Lower mold area	mm	380x160
Dimensions	LxWxH (mm)	752 x 796 x 1110
Weight	Kg	210

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP04-01

NTA-BP04-01-A-P2A1_10000160/0-1

NTA-BP04-01-A-P2A1_10000160/1-1

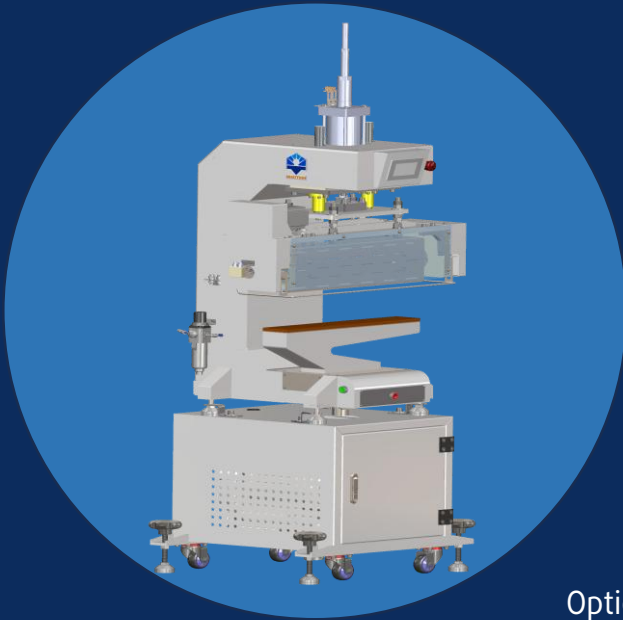


Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	3200
Vacuum Power	W	2200
Press cylinder size	mm	125
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	1040x160
Lower mold area	mm	1000x160
Dimensions	LxWxH (mm)	1260x1075x2085
Weight	Kg	550

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP05-01



Optional chiller JL-5000

NTA-BP05-01-A-F2A1_06000095/0-0

NTA-BP05-01-A-F2A1_06000095/1-0

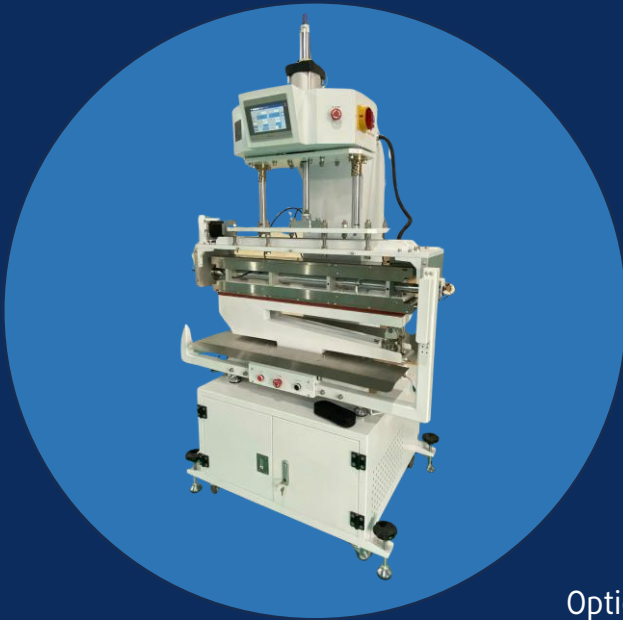
NTA-BP05-01-A-F2A1_06000095/0-1

NTA-BP05-01-A-F2A1_06000095/1-1

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	1200
Vacuum Power	W	750
Press cylinder size	mm	100
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	610x100
Lower mold area	mm	600x95
Dimensions	LxWxH (mm)	920x700x2200
Weight	Kg	310

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP06-01

NTA-BP06-01-A-F2M2_10000050/0-1

NTA-BP06-01-A-F2M2_10000050/1-1

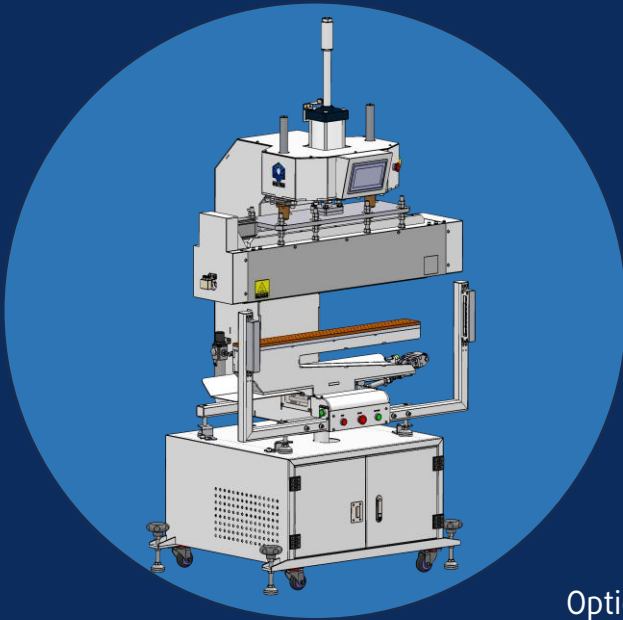


Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	2000
Vacuum Power	W	2200
Press cylinder size	mm	125
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	1060x160
Lower mold area	mm	1000x50
Dimensions	LxWxH (mm)	990x1400x2500
Weight	Kg	590

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP06-02

NTA-BP06-02-A-F2A1_10000100/0-1

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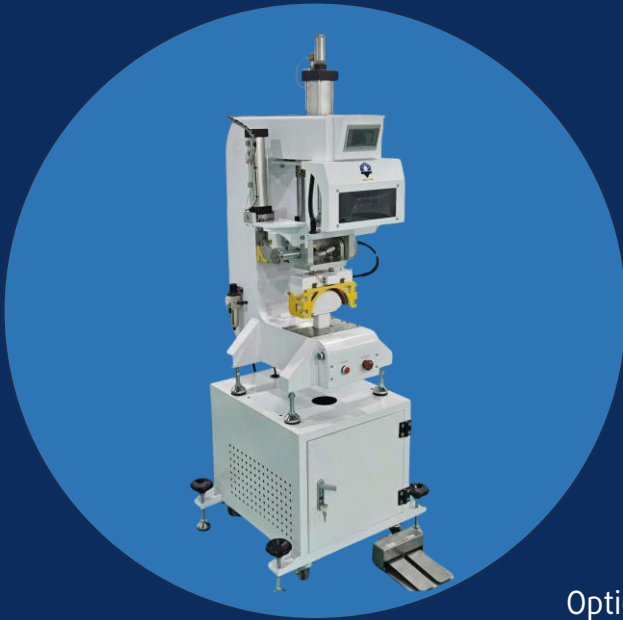


Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	3200
Vacuum Power	W	2200
Press cylinder size	mm	125
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	1060x120
Lower mold area	mm	1000x100
Dimensions	LxWxH (mm)	990x1400x2500
Weight	Kg	590

PNEUMATIC CURVE HEAT + COOL PRESS MACHINE



NTA-BP07-01



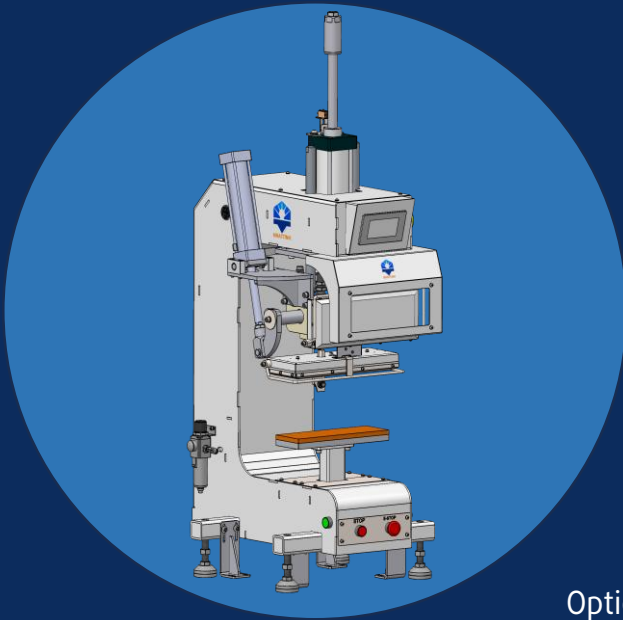
Optional chiller JL-5000

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- NTA-BP07-01-A-P2A1_026000060R90/1-0
- NTA-BP07-01-A-P2A1_026000060R90/0-1
- NTA-BP07-01-A-P2A1_026000060R90/1-1

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	800
Vacuum Power	W	750
Press cylinder size	mm	80
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	260x60xR90
Lower mold area	mm	260x60xR90
Dimensions	LxWxH (mm)	720x520x1600
Weight	Kg	130

PNEUMATIC FLAT HEAT + COOL PRESS MACHINE



NTA-BP07-02

NTA-BP07-02-A-P2A1_030000100/0-0

NTA-BP07-02-A-P2A1_030000100/1-0



Optional chiller JL-5000

HIGHLIGHT	
Good for all fabric	
Consistent working temperature and pressure force	
All operating parameters can be set digitally	★
Multiple independent step operation modes can be set	★
Periodic Inspection Data Entry and Storage	★
Ready for IoT connectivity	★
Flexible changeable lower mold	
Key locking supervisor mode	
Color touch screen control panel	

SPECIFICATION		
Power supply		AC 220V-50Hz-1 phase
Heater power	W	1200
Vacuum Power	W	None
Press cylinder size	mm	80
Compressed air	MPa	≥ 0.4
Maximum temperature	°C	260
Timing range	Seconds	1-999
Upper mold area	mm	310x100
Lower mold area	mm	300x100
Dimensions	LxWxH (mm)	720x520x1600
Weight	Kg	130