

# INNOVATION TECH™ ELECTRIC PRO SERIES

## USER MANUAL



*Start Your Business From Here*

**ArkiPress 4050N2**



*Electric Pro One*

**ArkiPress 4050N2x**



*Electric Pro X*

**ArkiPress 4050N2-D**



*Electric Pro Two*

## NOTICE

1. Use the heat transfer press only as intended
2. Please keep children away from the machine
3. Make sure correct outlet before use the device
4. Burns can occur from contact with hot surface
5. This is electric and air compressor free heat press
6. Turn off the device when not in use and remove the power plug



# CONTENT

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## ArkiPress 4050N2



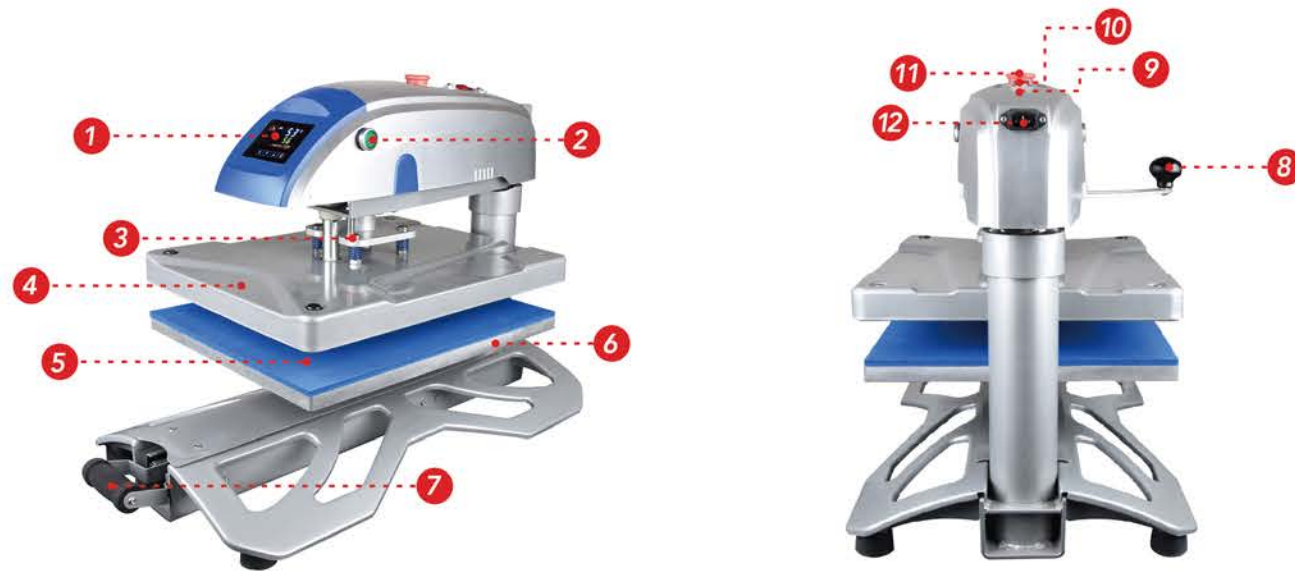
### In the box

- |                      |                 |
|----------------------|-----------------|
| 1 x Electric Pro One | 1 x Power Cable |
| 1 x Silicon Mat      | 1 x User Manual |



Handle needs to be installed before use the heat press

## MACHINE INTRODUCTION



- |                         |                   |                        |                          |
|-------------------------|-------------------|------------------------|--------------------------|
| 1. Control Display      | 4. Heating Platen | 7. Pull-out Drawer     | 10. Power Switch         |
| 2. Operation Button x 2 | 5. Silicon Mat    | 8. Swing-away Handle   | 11. Quick Release Button |
| 3. Location Sensor      | 6. Lower Plate    | 9. Thermal Breaker x 2 | 12. Power Plug           |



## ArkiPress 4050N2x



### In the box

1 x Electric Pro One (Without Base)

1 x Movable Caddie

1 x Power Cable

1 x Silicon Mat

1 x User Manual



## MACHINE INTRODUCTION



1. Control Display

2. Operation Button x 2

3. Quick Release Button

4. Power Switch

5. Thermal Breaker x 2

6. Swing-away Handle

7. Heating Platen

8. Silicon Mat

9. Lower Plate

10. Caddie Height Knob

11. Caddie Rotary Knob

12. Movable Caddie

13. Brake Caster

14. Power Plug

15. Stabilizer Column

16. Quick Changeable Device

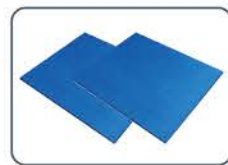
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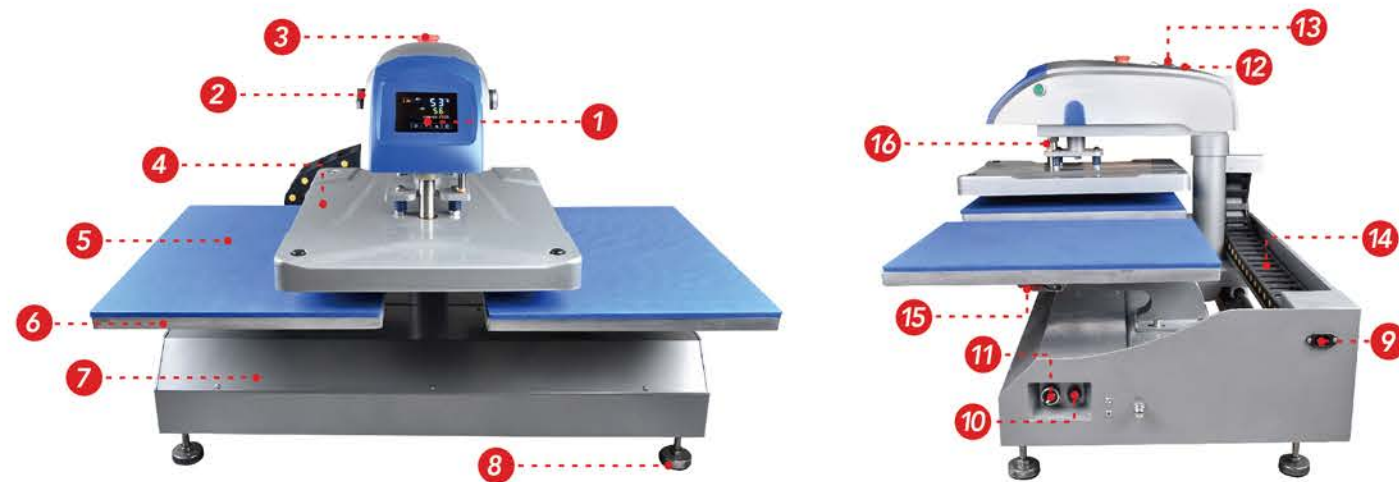
### In the box

1 x Electric Pro Two    1 x Power Cable

2 x Silicon Mat        1 x User Manual

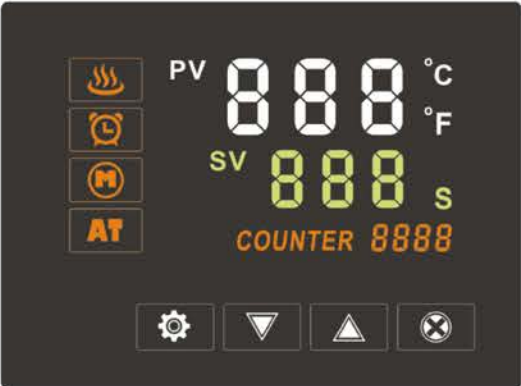








## MACHINE INTRODUCTION



- |                         |                    |                              |                             |
|-------------------------|--------------------|------------------------------|-----------------------------|
| 1. Control Display      | 5. Silicon Mat x 2 | 9. Power Plug                | 13. Power Switch            |
| 2. Operation Button x 2 | 6. Lower Plate x 2 | 10. Shuttle Speed Controller | 14. Tank Chain              |
| 3. Quick Release Button | 7. Machine Frame   | 11. Auto/Semi-auto Switch    | 15. Quick Changeable Device |
| 4. Heating Platen       | 8. Foot Base       | 12. Thermal Breaker x 2      | 16. Position Sensor         |

# CONTROLLER PROGRAM



<b>PV</b> : Present Value	<b>SV</b> : Set Value
<b>°C</b> : Celsius Read-out	<b>°F</b> : Fahrenheit Read-out
<b>S</b> : Timing in Seconds	<b>888</b> : Temperature Digits
 : Heating Indicator	 : Timing
 : Plus Digits	 : Decrease Digits : (Long hold for temperature calibration)
 : Set Mode	 : Counter Clearance : (Long Hold)

# CONTROL SETTING



Turn on the power switch, control panel display illuminates like picture



**P-1 TEMP. Setting Mode**  
Touch "SET" into "P-1", here you can set TEMP. with "▲" and "▼" reach to desired TEMP.



**P-2 TIME Setting Mode**  
Touch "SET" into "P-2", here you can set TIME. with "▲" and "▼" reach to desired TIME.



**P-3 TEMP Scale Setting Mode**  
Touch "SET" into "P-3", here you can set TEMP. SCALE with "▲" and "▼" reach to desired SCALE.



**P-4 Motor Pressure Setting Mode**  
Touch "SET" into "P-4", here you can set PRESSURE. with "▲" and "▼" reach to desired PRESSURE with range 1-35, each number refers to different pressure, larger number the larger pressure.



**P-5 Stand-by Mode**  
Touch "SET" into "P-5", here you can set stand-by time with "▲" and "▼" reach to desired value with range 0-120minutes. (0 refers to stand-by disabled)



Finally touch "SET" to complete all setting, so heat press start to heating up.



**Stand-by Introduction**  
It reads OFF on the display and heat press starts to cool down. Stand-by only happens when machine is not in use and reaches to P-4 set minutes. If you want to use heat press, please wake up heat press by touch any button on the control display.




**Counter Introduction**  
The control display counter increases one time after a circle of timing which helps you to record how many T-shirt you've transferred. If you want to clear up the number, please long hold the CLEAR button.



**A**  Socket & connect to power outlet and power-on the heat press. (Tip: Press the tiny clip when you pull off the socket)

**B**  Set recommended temperature and time settings on page 11.

**C**  Set a proper pressure by P-4, recommended 28-35 for garments printing, you could refer the compressed springs to see the pressure change.

**D**  After all setting are completed, let's wait for heat press heats up to desired temperature

**E**  Position substrate (T-shirt) on the silicon mat and preheat to remove wrinkles or moisture, you have to press both green operation buttons to let down the heating platen.

**F**  Position the heat transfer vinyl on the T-shirt and cover with a Teflon sheet, move forward and start the heat pressing.

**G**  Remove the heat transfer vinyl depending on cold peel or hot peel

**H**  Preheat again with 5 seconds to make the graphic design stacked perfectly.



*Innovation Tech™ device is able to use additional 5 lower platens, the quick change needs no tool, platen sizes are 13x13cm (tag or label), 18x38cm (trousers), 12x45cm (sleeves), 30x35cm (child garments) and 12x36cm (shoes)*



*Electric heat press pressure is adjusted by control display (P-4) setting, the large number for P-4, the larger pressure machine will generate, Max. value 35. Electric heat press is able to accept Max. 5 cm thick items and Max. down-force over 350kg.*



*Control panel P-5 is auto power-off setting with range 0-120min, 0 refers to not going enter into sleepy mode. As long as machine reaches to the set Temp. and is kept no in use for set time Say. 60mins, machine will enter into sleepy, display shows OFF and temperature cools down. You could touch any button on the control panel to wake up the machine.*



*Only for Electric Two, there are two switches on machine right side, larger switch is automatically and semi-automatic switch, smaller switch is upper platen shuttle speed and you can use to control the shuttle speed from left and right.*



*It's ordinary if you feel some drag force when you slide out or slide back the lower platen, as Magnetic Tech is applied, which makes sure lower platen won't slide back when you are threading a T-shirt, also makes sure upper & lower platens are in correct location after you slide the drawer back. (For Electric Pro One and X)*



*There is red button called quick release button, you can press the button to raise the heating platen at any time. Please remember to rotate the button to release it before you are moving forward to heat pressing again.*



Transfer Material	Base Material	Printer	Device	Temperature	Time	Pressure	Remarks
Sublimation paper	Light color polyester fabric	Micro piezoelectric inkjet Epson & Ricoh printers with CISS & sublimation ink	Innovation Tech Heat Press	200 °C	25~35s	Heavy	Mirror your design when printing on sublimation paper
	Light color cotton fabric						
	Non woven fabric bags						
Light color inkjet & laser transfer paper	Light color polyester fabric	Inkjet printer with pigment ink & inkjet paper. Laser printer with laser paper.	Innovation Tech™ Heat Press	185 °C	15~25s	Medium	
	Light color cotton fabric						
	Non woven fabric bags						
Dark color inkjet & laser transfer paper	Dark color polyester fabric	Inkjet printer with pigment ink & inkjet paper. Laser printer with laser paper.	Innovation Tech™ Heat Press	165 °C	15s	Medium	Teflon sheet is required
	Dark color cotton fabric						
	PU leather						
Heat transfer vinyl (HTV)	Polyester fabric	Cutting plotters		150~160°C	8~15s	Medium	Check beforehand if your HTV requires hot or cold peel
	Cotton fabric						
	Knit fabrics				10~15s		

**Q: When pressed onto the garments, the color of the design is faded, or transfers are not fully stacked onto the garments.**

A: Reason comes from three points, the pressure is not enough, the temperature is not hot enough or the design has not been pressed for enough time. You may need to try more to get right temp, time and pressure.

**Q: The transfers are stacked on the heating platen.**

A: Transfers like dark ink-jet transfer paper could be stacked on heating platen, you should use a Teflon sheet to cover the transfer paper. If this happens, please turn-off and cool machine completely before you try to peel the stacked paper, do not use sharp items like knives to scrape the heating platen as Teflon may be scratched.

**Q: Hard to peel off the transfer paper or vinyl.**

A: Please make sure transfers are warm to peel or cold to peel, so as to peel off accordingly.

**Q: LCD control panel shows “000”.**

A: That refers to the thermocouple wire is disconnected, you shall turn to support team for help and replace the disconnected connection.

**Q: How to get a reasonable pressure.**

A: Adjust the pressure knob and try to lock down the handle, feel there is certain large resist force.

**Q: Turn on the power, but the heat press does not work.**

A: Please check the power plug connected well to the socket, you may turn to support team if the problem is still remaining.

**Any further help, please contact our support team.**