

20oz and 30oz 4-Prong Mug Press Attachment for Skinny Tumblers

JOHNSONPLASTICS
PLUS

JP4H6-4 | JP4H7-4



GENERAL MUG PRESS PROCESS- 20OZ TUMBLER

Recommended Equipment & Accessories

- Sublimation printer and ink, sublimation paper
- JP450 Multifunction Mug Press
- JPP Skinny Tumbler Mug Heating Attachment (JP4H6-4 or JP4H7-4)
- Heat Tape
- Heat resistant gloves or oven mitt
- Optional: Bucket of room-temperature water for cooling tumbler

| Recommended Settings- 20oz Tumbler (Single Side Printing) | |
|---|-----------------|
| Time | 50-60 seconds |
| Temperature | 360-370°F |
| Pressure | Medium/Moderate |

| Recommended Settings- 20oz Tumbler (Full Wrap-Around Printing) | |
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| Time | 45-50 seconds (Press 1 of 2), 30-40 seconds (Press 2 of 2) |
| Temperature | 360-370°F |
| Pressure | Medium/Moderate |

General Sublimation Instructions (Single Side Printing)

- Assemble and connect the tumbler attachment to the mug press.
 - For instructions on assembling the tumbler attachment to the mug press, see the “4 prong Mug Press Attachment for Skinny Tumblers” Tech Tip.
- Preheat the mug press:
 - 20oz Tumblers: set the idle **and** press temperature to 360-370°F. Set pressure to Medium. Set press time to 50-60 sec.
 - **CAUTION**: Due to the idle temperature being the same as the press temperature, it is not recommended to leave the mug press power on for long durations between pressing the tumblers.
- Wrap the printed image around the outside of the tumbler. Ensure that the wrapped image is tightly fitted on the entire surface of the tumbler. Secure ends of the paper with heat tape.
- Place the tumbler into the open tumbler attachment. Ensure that the tumbler is centered inside the attachment.
 - It is recommended that the taped ends of the transfer paper are face up, in between the opening of the tumbler attachment.
- Close the press and start the timer (green button on the front of the control box).
- When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully remove the tumbler from the press.
- Carefully remove the transfer paper from the tumbler. Set tumbler aside to cool.
- Optional: Submerge the tumbler into a bucket of room-temperature water for faster cooling time.

General Sublimation Instructions (Full Wrap-Around Printing)

- Assemble and connect the tumbler attachment to the mug press.
 - For instructions on assembling the tumbler attachment to the mug press, see the “4 prong Mug Press Attachment for Skinny Tumblers” Tech Tip.
- Preheat the mug press:
 - 20oz Tumblers: set the idle **and** press temperature to 360-370°F. Set pressure to Medium. Set press time to 50-60 sec.
 - **CAUTION:** Due to the idle temperature being the same as the press temperature, it is not recommended to leave the mug press power on for long durations between pressing the tumblers.
- Wrap the printed image around the outside of the tumbler. Ensure that the wrapped image is tightly fitted on the entire surface of the tumbler. Secure ends of the paper with heat tape.
 - Tip: For best sublimation results, ensure that the printed image is minimum 0.5”-0.75” away from both the top and bottom ends of the tumbler.

| Image Transfer Tips |
|---|
| For best sublimation results, ensure that the printed image is minimum 0.5”-0.75” away from both the top and bottom ends of the tumbler. |
| If an image must run to the top and bottom ends of the tumbler, ensure that the printed image bleeds past the top and bottom ends of the tumbler. |
| To help the image slightly wrap around the top and bottom ends of the tumbler, cut slits into the ends of the transfer paper. Space the slits approx. 1/2- 3/4” apart. Fold the slits down and tape them to the inner lip on the top end and the bottom of the tumbler. |



- Place the tumbler into the open tumbler attachment. Ensure that the tumbler is centered inside the attachment.
 - It is recommended that the taped ends of the transfer paper are face up, in between the opening of the tumbler attachment.
- Close the press and start the timer (green button on the front of the control box).
 - (This is press step 1 of 2.)
- When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully rotate the tumbler 180 degrees.

- The taped ends of the transfer paper should now be on the bottom of the tumbler, opposite of the tumbler attachment opening.
 - **IMPORTANT:** When rotating the tumbler, take special care that the transfer paper does not move on the tumbler when rotating to avoid a blurred or ghosted image.
 - Once the tumbler has been rotated, close the press and start the timer again. Allow the press to heat the tumbler for 30-40 seconds for 20oz tumblers.
 - (This is press step 2 of 2.)
 - When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully remove the tumbler from the press.
 - Carefully remove the transfer paper from the tumbler. Set tumbler aside to cool.
 - Optional: Submerge the tumbler into a bucket of room-temperature water for faster cooling time.
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Tips and Tricks

- For instructions on assembling the tumbler attachment to the mug press, see the “4 prong Mug Press Attachment for Skinny Tumblers” Tech Tip.
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GENERAL MUG PRESS PROCESS- 30OZ TUMBLER

| Recommended Settings- 30oz Tumbler (Single Side Printing) | |
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| Time | 65-75 seconds |
| Temperature | 360-375°F |
| Pressure | Medium/Moderate |

| Recommended Settings- 30oz Tumbler (Full Wrap-Around Printing) | |
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| Time | 65-75 seconds (Press 1 of 2), 45-55 seconds (Press 2 of 2) |
| Temperature | 360-375°F |
| Pressure | Medium/Moderate |

General Sublimation Instructions (Single Side Printing)

- Assemble and connect the tumbler attachment to the mug press.
 - For instructions on assembling the tumbler attachment to the mug press, see the "4 prong Mug Press Attachment for Skinny Tumblers" Tech Tip.
 - Preheat the mug press:
 - 30oz Tumblers: set the idle **and** press temperature to 360-375°F. Set pressure to Medium. Set press time to 65-75 sec.
 - **CAUTION**: Due to the idle temperature being the same as the press temperature, it is not recommended to leave the mug press power on for long durations between pressing the tumblers.
 - Wrap the printed image around the outside of the tumbler. Ensure that the wrapped image is tightly fitted on the entire surface of the tumbler. Secure ends of the paper with heat tape.
 - Place the tumbler into the open tumbler attachment. Ensure that the tumbler is centered inside the attachment.
 - It is recommended that the taped ends of the transfer paper are face up, in between the opening of the tumbler attachment.
 - Close the press and start the timer (green button on the front of the control box).
 - When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully remove the tumbler from the press.
 - Carefully remove the transfer paper from the tumbler. Set tumbler aside to cool.
 - Optional: Submerge the tumbler into a bucket of room-temperature water for faster cooling time.
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General Sublimation Instructions (Full Wrap-Around Printing)

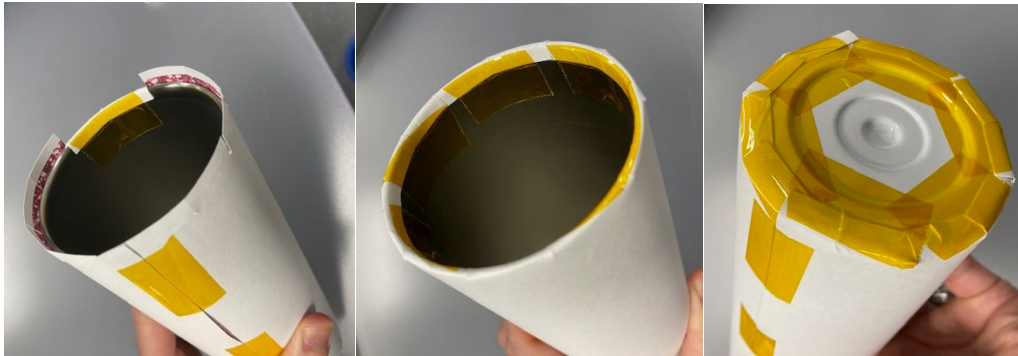
- Assemble and connect the tumbler attachment to the mug press.
 - For instructions on assembling the tumbler attachment to the mug press, see the "4 prong Mug Press Attachment for Skinny Tumblers" Tech Tip.
- Preheat the mug press:
 - 30oz Tumblers: set the idle **and** press temperature to 360-375°F. Set pressure to Medium. Set press time to 65-75 sec.
 - **CAUTION**: Due to the idle temperature being the same as the press temperature, it is not recommended to leave the mug press power on for long durations between pressing the tumblers.
- Wrap the printed image around the outside of the tumbler. Ensure that the wrapped image is tightly fitted on the entire surface of the tumbler. Secure ends of the paper with heat tape.
 - Tip: For best sublimation results, ensure that the printed image is minimum 0.5"-0.75" away from both the top and bottom ends of the tumbler.

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| Image Transfer Tips |
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For best sublimation results, ensure that the printed image is minimum 0.5"-0.75" away from both the top and bottom ends of the tumbler.

If an image must run to the top and bottom ends of the tumbler, ensure that the printed image bleeds past the top and bottom ends of the tumbler.

To help the image slightly wrap around the top and bottom ends of the tumbler, cut slits into the ends of the transfer paper. Space the slits approx. $\frac{1}{2}$ - $\frac{3}{4}$ " apart. Fold the slits down and tape them to the inner lip on the top end and the bottom of the tumbler.



- Place the tumbler into the open tumbler attachment. Ensure that the tumbler is centered inside the attachment.
 - It is recommended that the taped ends of the transfer paper are face up, in between the opening of the tumbler attachment.
- Close the press and start the timer (green button on the front of the control box).
 - (This is press step 1 of 2.)
- When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully rotate the tumbler 180 degrees.
 - The taped ends of the transfer paper should now be on the bottom of the tumbler, opposite of the tumbler attachment opening.
 - **IMPORTANT:** When rotating the tumbler, take special care that the transfer paper does not move on the tumbler when rotating to avoid a blurred or ghosted image.
- Once the tumbler has been rotated, close the press and start the timer again. Allow the press to heat the tumbler for 45-55 seconds for 30oz tumblers.
 - (This is press step 2 of 2.)
- When finished pressing, open the press. Using heat-resistant gloves or an oven mitt, carefully remove the tumbler from the press.
- Carefully remove the transfer paper from the tumbler. Set tumbler aside to cool.
- Optional: Submerge the tumbler into a bucket of room-temperature water for faster cooling time.

Tips and Tricks

- For instructions on assembling the tumbler attachment to the mug press, see the “4 prong Mug Press Attachment for Skinny Tumblers” Tech Tip.
 - For best sublimation results, ensure that the printed image is minimum 0.5”-0.75” away from both the top and bottom ends of the tumbler.
 - If an image must run to the top and bottom ends of the tumbler, ensure that the printed image bleeds past the top and bottom ends of the tumbler.
 - To help the image slightly wrap around the top and bottom ends of the tumbler, cut slits into the ends of the transfer paper. Space the slits approx. 1/2- 3/4” apart. Fold the slits down and tape them to the inner lip on the top end and the bottom of the tumbler.
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Troubleshooting

- The image came out light and/or faded.
 - The time setting may need to be increased.
 - The temperature setting may need to be increased.
 - The pressure setting on the press or wrap may be too light and need to be increased for better contact between the sublimation transfer paper and the surface of the product.
 - The press or oven may not be heating at the temperature set on the display.
 - The sublimated image may have been printed on the wrong side of the sublimation paper.
- The image colors are dull on the sublimated product.
 - The press/heat time may need to be decreased.
 - The press/heat temperature may need to be decreased.
 - The print settings may need to be adjusted. Also check that the proper paper type and/or color profile is selected before printing the image.
- The image colors are not correct on the sublimated product.
 - The print settings may need to be adjusted. Also check that the proper paper type and/or color profile is selected before printing the image.
 - Convert the colors used in the image to RGB color mode in the design/layout software before printing.
 - If spot colors are used in the image (common for logos), convert the spot colors to RGB color mode in the design/layout software before printing.
- The sublimation paper is brown and sticking to the product.
 - The press/heat time may need to be decreased.
 - The press/heat temperature may need to be decreased.
 - The pressure setting may need to be decreased.
 - Use of a different sublimation paper brand or type may be needed for the particular product.
- The sublimated image appears blurry or fuzzy.
 - The pressure setting may need to be increased.
 - The sublimation transfer paper may need to be secured to the product to prevent the paper from moving.

- The sublimatable coating on the product may be defective.
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- Phone: 419-500-4877
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- Schedule an appointment: <https://jpplusadvancedsupport.setmore.com/>