

HTVRONT A300 Auto Hat Heat Press

Pre-sale: Nov. 2025

Official Launch: Nov. 2025

To Bring Your Perfect Hat



Note: This manual is for internal use ONLY and MUST NOT be used for third-party, commercial, or printing purposes.
Final product details are subject to the official market release.

HTVRONT A300 Auto Hat Heat Press

Driven by market trends and honest user feedback, the A300 is built for high-efficiency hat pressing. With auto lift, strong pressure, rapid heating, and user-friendly control, it streamlines complex workflows into simple operations—delivering pro results for craft enthusiasts and small businesses.



1-Tap Automatic Press



≥ 176 lb (80kg) Powerful Pressure



2 Custom Modes for Easy Use



2 Hat Platens Fit More Styles

Designed by DIYers, for DIYers

The hat heat press market is on a sharp rise in recent years—and that's not just growth, it's a wave of opportunity. After extensive user research, one thing was clear: DIYers want more on the hats customization — so we built the A300.

What Frustrates Users

- ⊗ Complicated knob controls
- ⊗ Weak pressure causes poor results on substrates
- ⊗ Hard to set the right temperature or time

How We Solved It

- ✓ One-tap **auto pressing**
- ✓ Up to **176 lb (80 kg) of pressure** for various substrates
- ✓ **2 preset modes** — no more constant adjustments
- ✓ **2 hat platens**, for almost all sizes of hats and easy to replace without screws
- ✓ **Intuitive touchscreen** for smooth control
- ✓ **Hollow-top handle** and compact design for easy lifting



Auto Pressing, Efficient Workflow

Just 1 tap. It lifts up & down and apply pressure automatically — no more manual pressing. While it presses, you prep the next, keeping your workflow moving.



Strong Pressure for Pro Results

Perfect heat transfers across even the toughest substrates.

- Hotfix rhinestones
- Embroidered patches
- Canvas
- DTF transfer film
- Puff heat transfer vinyl
- Sublimation Paper
- ...



Fast & Even Heating Ensure Clear Press

High-quality heat plate and special coating ensure consistent temperature.

302°F/150°C=2.5mins

Tips: HTVRONT lab data shows typical hat heat presses usually take 3.5-4 mins to reach this temp.



- 1 Cast Aluminum Heat Plate:
Fast heating with even heat distribution
- 2 PTFE Coating:
Prevents hot spots and sticking



Same temp at edges, ensures smooth finish.

2 Custom Modes, Tap for Instant Start

With 2 preset modes, you're ready to press in seconds. The responsive, intuitive touchscreen makes setup easy.

Mode A: Default for heat transfer vinyl

Mode B: Default for embroidered patches

*Both preset modes can be customized as needed.



Temp range: 40°C–210°C / 104°F–410°F



Time range: 1–999 s

Tips: Built-in Memory Mode remembers your last temp and time. Just turn it on and get started.



2 Hat Platens for Adult and Children's Hats

Comes with big and small hat platens for various hat styles.



Hat Platen Sizes:

Small: 7×17 cm / 6.69×2.76 in

Large: 8×15 cm / 5.9×3.15 in



2s Replacement

-just remove and snap into place!

Tip: It comes with two hat platens—the large one pre-Installed and the small one in the box.

Wide Application Scenarios



Small Business Workshop

No hands needed. It's easy to control and high-efficiency performance deliver pro results.



Family Interaction

Its compact size is easy to move. Ideal for school projects, handmade gifts, or weekend fun.



DIY Studio

Strong pressure works across various substrates, transforming your workspace into a hub for custom designs.



Public Welfare Moment

It's easy operation and reliable performance make meaningful contributions simple.

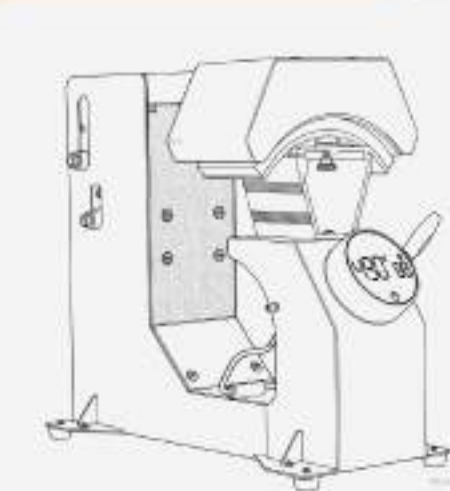
Why Choose Us



HTVRONT A300



Similar Device



3-in-1 Auto Hat Heat Press

Pressure

✓ Over 176 lb (80kg)

× Only 132 lb (60kg)

× Only 110 lb (50 kg)

Button Design

✓ User-friendly: One button, one function

× Beginners-confusing: One button, too many functions

× Complicated knob-style controls

Preset Modes

✓ 2 build-in preset mode for quick start

× No preset modes

× No preset modes

Memory Mode

✓ Recalls your last temp & time settings

× Requires constant adjustments

× Requires constant adjustments

Stability

✓ Suction cups at bottom keep it firmly in place

× May unstable during use

× Stable but havey

Hat Platen Replacement

✓ Easy and securely slotted

× Easy but loose and shifts easily

× Difficult with screws

Handle Design

✓ Hollow handle—easy to grip and use

× Solid top—harder to use

× Industrial design without handle

Appearance

✓ Compact and easy to move

✓ Compact and easy to move

× Bulky and havey

Specifications

Heat Plate Size:	14.52×9.36×5.80 cm / 5.70×3.68×2.28 in
Hat Platen Sizes:	Small: 7×17 cm / 6.69×2.76 in Large: 8×15 cm / 5.9×3.15 in
Power:	350 W
Temp Range:	40–210°C / 104–410°F
Time Range:	1–999 seconds
Max Pressure:	≥ 80kg / 176 lb
Accessories:	Power Cord×1, Lange Hat Platen (Pre-Installed) × 1, Small Hat Platen (In the Box) ×1, Heat-Resistant Gloves×1

*The chart is only for reference. The final version depends on the on-shelf information.



About HTVRONT



HTVRONT is an innovative DIY brand collecting of development, production, and sales that attaches great importance to innovation. We commit to serving every craft lover with the best effort, being a good helper that knows crafters best and realizing the world of creativity.



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