OPERATING INSTRUCTIONS

for the modular transfer press

Secabo TS5 Economy

Congratulations on the purchase of your Secabo heat press!
To ensure that you can start production smoothly with your machine, please read these operating instructions carefully.
 Technical data and product features are subject to change and errors excepted. Nepata Vertrieb GmbH accepts no liability for direct or indirect damage resulting from the use of this product.

Version 1.0 (13.10.2022)

Safety Precautions

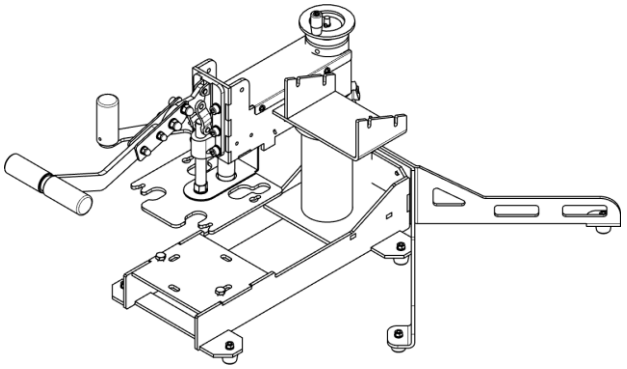
Please read these instructions and precautions carefully before operating the unit for the first time!

- Never put your hands into the heat press when it is connected to the power supply, especially when it is switched on and heated up - risk of burns!
- Never open the housing and do not make any changes to the unit yourself.
- Should it be necessary to open the heating plate cover after explicit request by the Nepata Vertrieb GmbH customer service, it is recommended to wear respiratory protection and to handle the insulation wool inside with gloves. The possible disposal of the insulation wool should only be carried out in a closed bag.
- Make sure that neither liquids nor metal objects get inside the heat press.
- Make sure that the socket outlet used is earthed. Note that a heat press may only be operated from a socket outlet that is earthed by a
  The unit is protected by a residual current circuit breaker.
- Disconnect the heat press from the mains when not in use.
- Always operate the heat press out of the reach of children and never leave the machine switched on unattended.
- Make sure that the unit is only used in dry rooms.

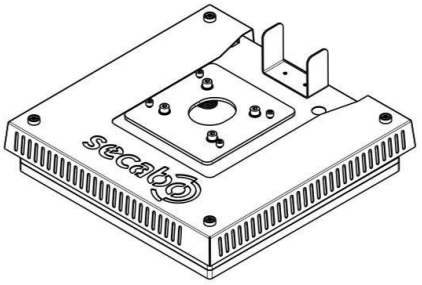
If you are unable to meet one or more of the above safety requirements, or if you are unsure whether they all apply, please contact our technical support.

Scope of delivery

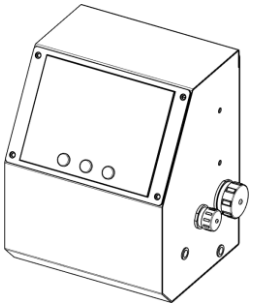
Frame of the transfer press



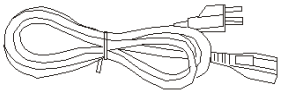
Hot plate and base plate
HP5 - 38cm x 38cm



Controller Box
CL01



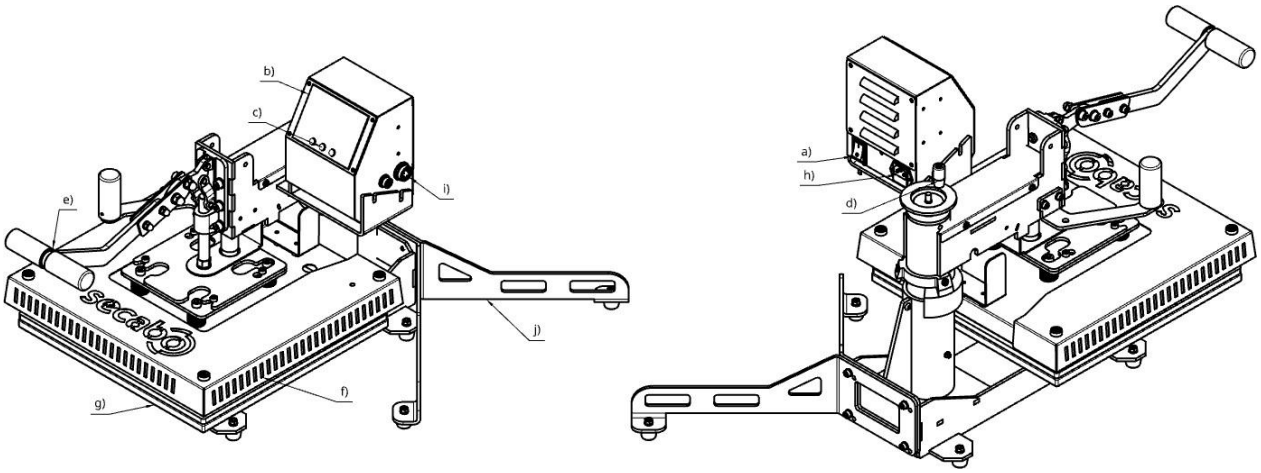
C13 cold appliance connection cable



Allen key size 5 for M6 hexagon socket screws

Double open-end spanner 13 for M head screws

Device description

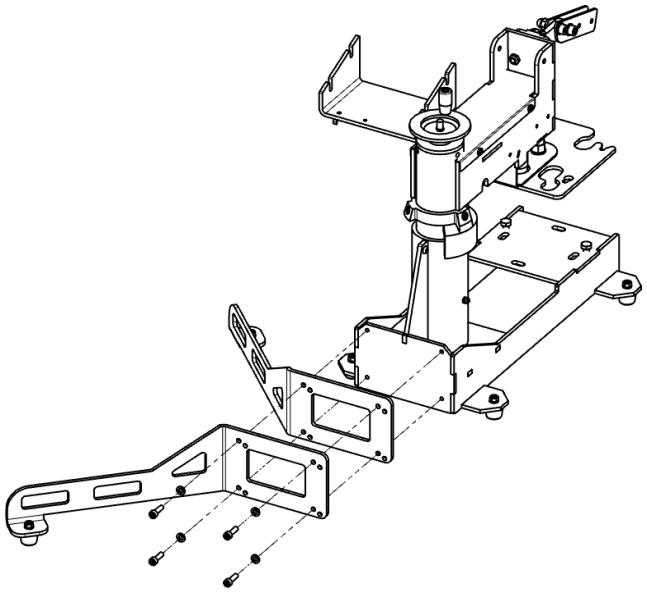


a. Main switch
b. LCD display
c. Control panel with push buttons
d. Hand crank for pressure adjustment
e. Press lever
f. Hot plate cover and hot plate
g. Base plate
h. IEC socket
i. Hot plate connection
j. Support feet

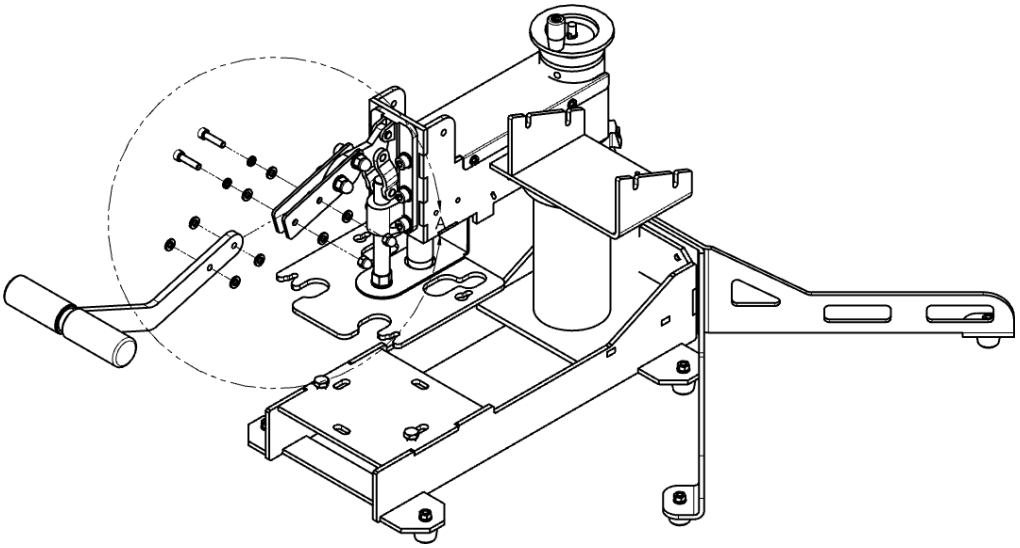
Assembly and commissioning

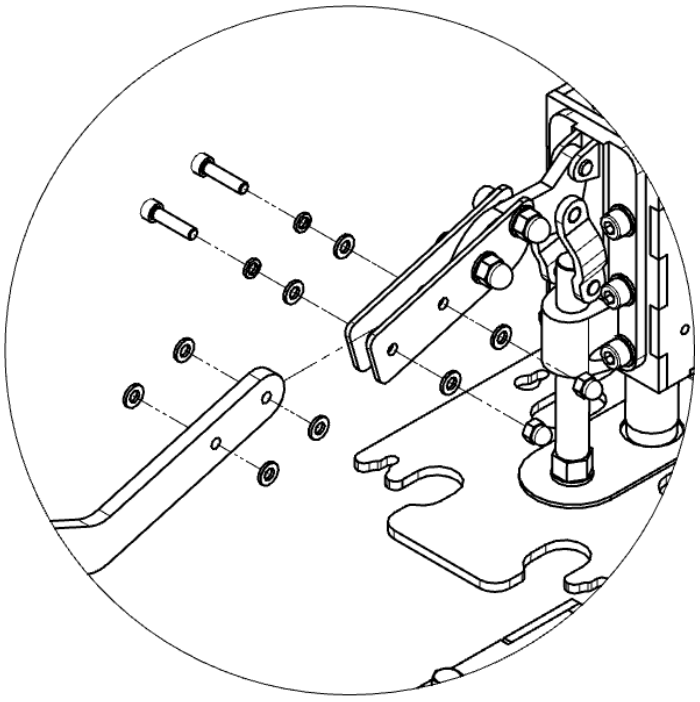
- Place the stand of the TS5E securely on a stable table.
- Please remove the cable tie, which serves as an anti-twist device, at the very end!

- Mount the enclosed support feet as shown in the illustration below. Use the 4 M6 washers and 4 M6x20 screws.



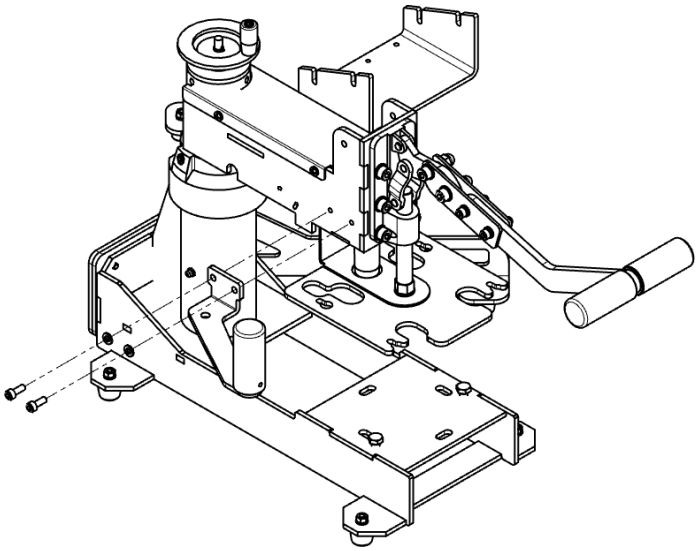
- Connect the press lever to the frame of the TS5E using screws and washers.



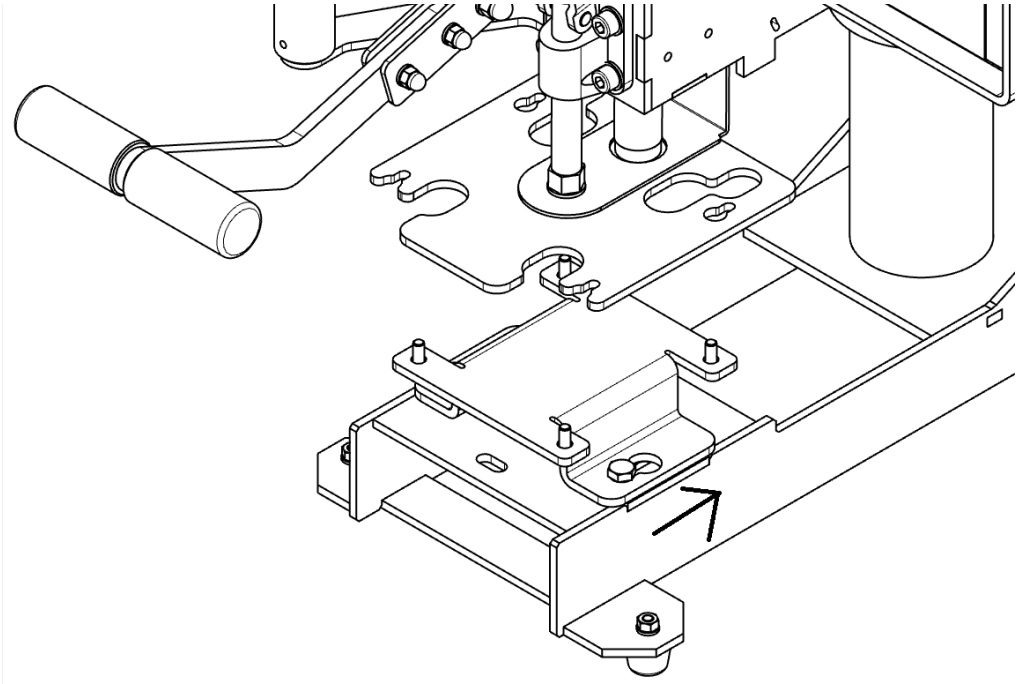


A

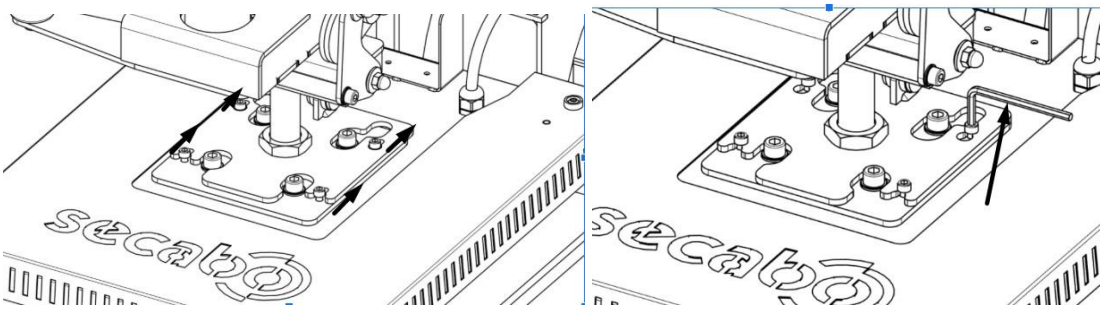
- Now attach the swivel handle as shown in the illustration. Use the two M6x16 mm screws and the two M6 washers for this. After this step you can remove the cable tie so that you can swing the heat press open.



- Lift the base plate over the frame of the TS5E and thread the screw heads of the hexagonal screws through the keyhole milled holes on the adapter plate on the underside of the base plate. (For simplicity, the illustration shows only the adapter). Slide the base plate in the direction of the arrow until it touches the screws and tighten the screws.

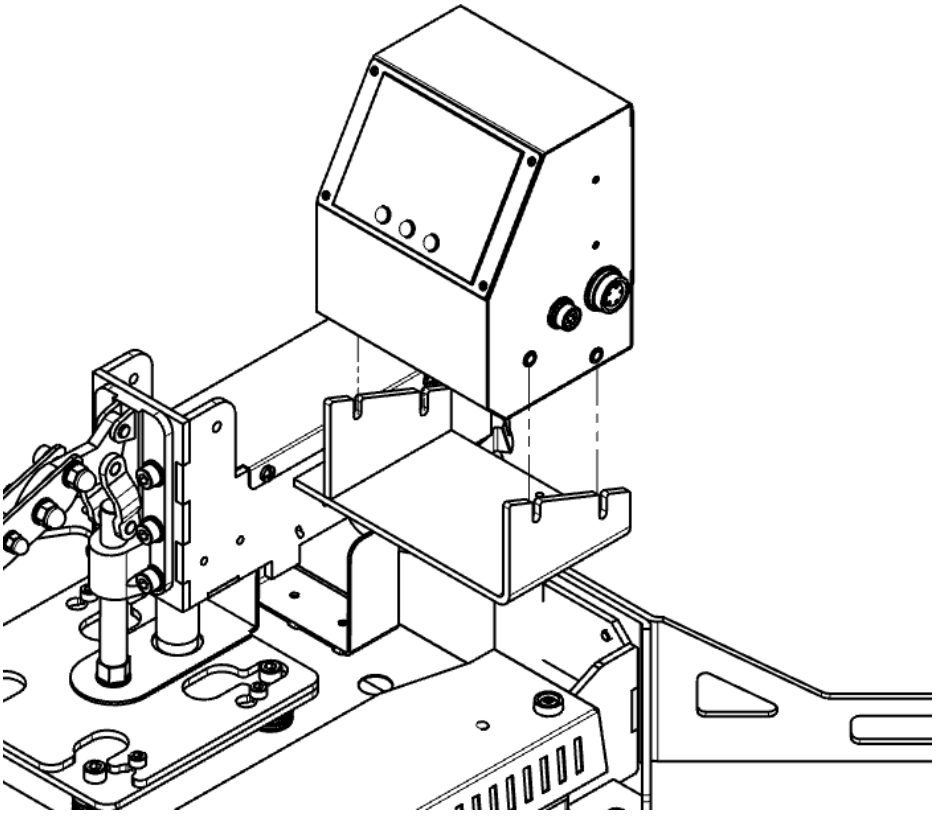


- Position the **HP5** heating plate diagonally in front of the connection flange below the press lever on the rack and thread the 4 outside screw heads into the keyhole milled holes on the flange plate.



- Carefully tighten the screws with the Allen key supplied. **Caution, the heating plate can fall down as long as the screws are not tightened! Risk of injury!**

- Place the controller as shown in the picture below, before doing this loosen the thumbscrews so that there is enough space between the screw and the controller box. After placement, please tighten the thumbscrews so that the controller is fixed.



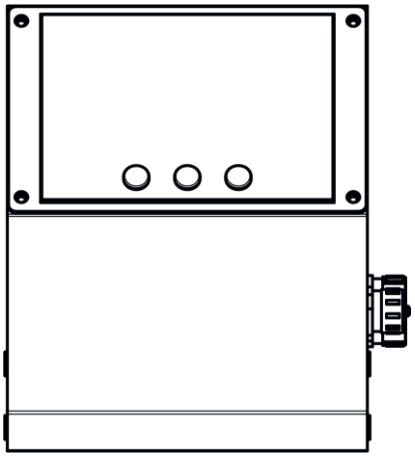
- Attach the large 5-pin plug from the surface of the heating plate to the matching socket on the outside right of the **CL01** controller box.

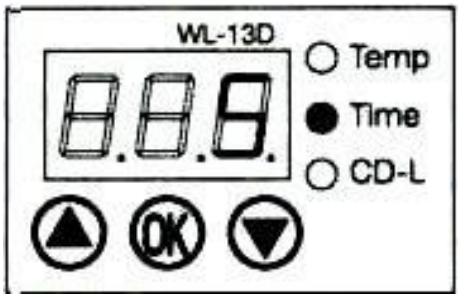
- Now attach the protective conductor cable (earthing) of the controller box to the connection point under the receptacle of the controller box (not shown). Attention, this must never be neglected!

- Plug the supplied C13 IEC power cable into the back of the **CL01** controller box and connect it to an earthed socket, which must have an earthed connection and a fuse as well as an earth leakage circuit breaker.

The TS5E transfer press is now ready for operation.

Controller components and operation





Operation of the controller

- Connect the TS5E Transfer Press to the mains using the power cable supplied.
- Switch on the TS5E heat press.
- OFF" appears in the display.
- After switching on, "-f-" (Fahrenheit) or "-c-" (Celsius) appears.
- Use the arrow keys to select the desired temperature unit.
- Press the "OK" button. Now the "Temp" LED lights up.
- Use the arrow keys to select the desired temperature.
- Press the "OK" button. Now the "Time" LED lights up.
- Use the arrow keys to select the desired duration of the pressing process.
- Press the "OK" button. The display initially shows **LO,** from 100°C the current temperature of the TS5E heat press is displayed. The press now heats up to the set temperature.
- An acoustic signal sounds when the heat press is heated up.
- Now the transfer press can be closed via the press lever to carry out transfers.
- When closing, the timer starts counting down.
- After the timer has expired, there is also an acoustic signal, after which you can open the press.

Notes

- Note that the heating plate and the transfer objects are hot and there is a risk of burns.
- Switch off the heat press when you do not need it.

Operation of the heat press

Carry out transfers

- Switch on the heat press via the main switch.
- The press now heats up to the set temperature.
- For information on how to change the settings on the controller, see the previous chapters.
- After heating up, you can make the first transfers. The timer starts running as soon as the press is closed with the press lever.
- 3 seconds before the set time expires, a warning signal sounds (if activated in the settings), after which the press can be opened.
- You can regulate the contact pressure by increasing or decreasing the distance between the heating plate and the base plate by turning the hand crank on the top of the press. Turning clockwise increases the contact pressure and turning anticlockwise decreases it.
- No setting can or should be changed during the pressing process.

Note: Please note that it takes a certain amount of time for the press to cool down again after it has been switched off. There is a risk of burns until it has cooled down completely!

Maintenance and cleaning

All maintenance work should be carried out with the press switched off and cooled down. The plug must be removed from the socket beforehand. Only carry out maintenance work after consulting our technical support.

The press should be cleaned regularly with a soft cloth and a mild household cleaner to remove adhesive residue, dust, etc. Do not use scouring pads, solvents or petrol!

Recommended times and temperatures

These values are only approximate, may vary from material to material and must be checked before pressing.

Material	Temperature	Print	Pressing time
Flock foil	170°C - 185°C 338°F - 365°F	light-medium	25s
Flex foil	160°C - 170°C 320°F - 338°F	medium-high	25s
Sublimation flex	180°C - 195°C 356°F - 383°F	medium-high	10s - 35s
Sublimation on cups	200°C 392°F	medium-high	150s - 180s
Sublimation on Tiles	200°C 392°F	high	120s - 480s (depending on the thickness of the material)
Sublimation on Piuzzles	200°C 392°F	light-medium	25s
Sublimation on mouse pads	200°C 392°F	medium	20s - 40s
Sublimation on textiles	200°C 392°F	medium-high	30s - 50s
Sublimation on Metal plates	200°C 392°F	high	10s - 50s (depending on the thickness of the material)

Important note: Before each production, own tests should be made with the respective transfer materials and carrier media. The above values and the manufacturer's specifications are only indicative. Washing resistance and behaviour during transfer must be determined in separate tests.

No guarantee can be derived from the recommended values. It is always up to the user to determine and apply the settings that apply under his or her specific conditions.

Note for textile finishes: After the pressing process, the textiles must cool down before any backing media can be removed from the transfer material. The hotmelt adhesive in the transfer material has only developed its adhesive strength when cold. If the adhesive does not adhere when cold, the pressing process may have been too cold or too short.

Technical data

Transfer press	**Secabo TS5E**
Type	manually opening modular folding press
Size work surface	38cm x 38cm
Pivot angle:	105 °, opening to the right
Max. Temperature	225 °C
Max. Time preselection	999s
Max. Working pressure	180 g/cm²
Pressure setting	Height adjustment of the heating plate by means of a hand crank
Power supply	AC voltage 230V / 50Hz - 60Hz, 2 kW
Surroundings	+5°C - +35°C/ 30% - 70% humidity
Weight	37.5 kg
Weight with packaging	41 kg
Dimensions with foot stabiliser:	W: 510 mm x D:800 mm H:530 mm
Dimensions open (W x H x D)	W: 700 mm x D:818 mm H:685 mm

Declaration of Conformity - Statement of Conformity

We hereby declare on our sole responsibility that the product described under "Technical data" complies with the provisions of the following EC directives and standards:

We herewith declare under sole responsibility that the under "technical data" mentioned product meet the provisions of the following EC Directives and Harmonized Standards:

EG-Richtlinien / EC directives:
2014/35/EC Low Voltage Directive / 2014/35/EC Low Voltage Directive
98/37/EG Maschinenrichtlinie (2006/42/EG vom 12/29/2009) / 98/37/EC Directive on machinery (from 2009-12-29: 2006/42/EC)

Norm / Standard: EN 60204-1:2006

Technische Dokumente bei / Technical documents at:
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