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# Portable Impulse Hand Sealer for Vacuum Bagging Film

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This catalog presents a portable impulse hand sealer from CNCGLASS for sealing vacuum bagging film. In laminated-glass and safety-glass production, the film must be closed before the vacuum is drawn; this sealer makes that seal so air can be removed from the bag and held for the process. The same need can arise with EVA, PVB, or SGP laminated glass.

## 1. Intended Use

This sealer is used to seal CNCGLASS vacuum bagging film in the production of laminated glass and safety glass. Whether the interlayer is EVA, PVB, or SGP, the vacuum stage of the process may call for this seal. After the glass, interlayer, and vacuum film are laid up, the operator closes the open edge of the film with the heated jaws. The sealed film then holds vacuum while air is drawn from the bag.



*Figure 1. Portable impulse hand sealer, shown with the hand unit and the separate control box.*

## 2. Construction and Operation

The sealer is an impulse tool, not a constantly heated bar. The hand unit and the electrical box are separate. A remote cable of about 2.8 m joins them, so the transformer and controls can sit to one side while the operator works along the edge of a vacuum bag. The structure is all aluminum. Both jaws carry PTFE-covered heating bars, and heat is applied from both sides when the handles are closed. Closing the jaws starts the heat cycle; the current cuts off automatically when the set time has elapsed, so the film is sealed without leaving the bars under continuous power.

A rotary time control on the box sets the impulse duration. A lamp shows when the cycle is running, and a rocker switch applies mains power. The hand unit is light enough to move along a bag edge (about 1.5 kg); the complete set weighs about 7 kg. A heat-warning mark is fitted on the jaw housing.



*Figure 2. Sealing jaws with PTFE-covered heating bars, and the heat-warning mark on the housing.*




*Figure 3. Control box face, with the time setting, cycle indicator, and power switch.*

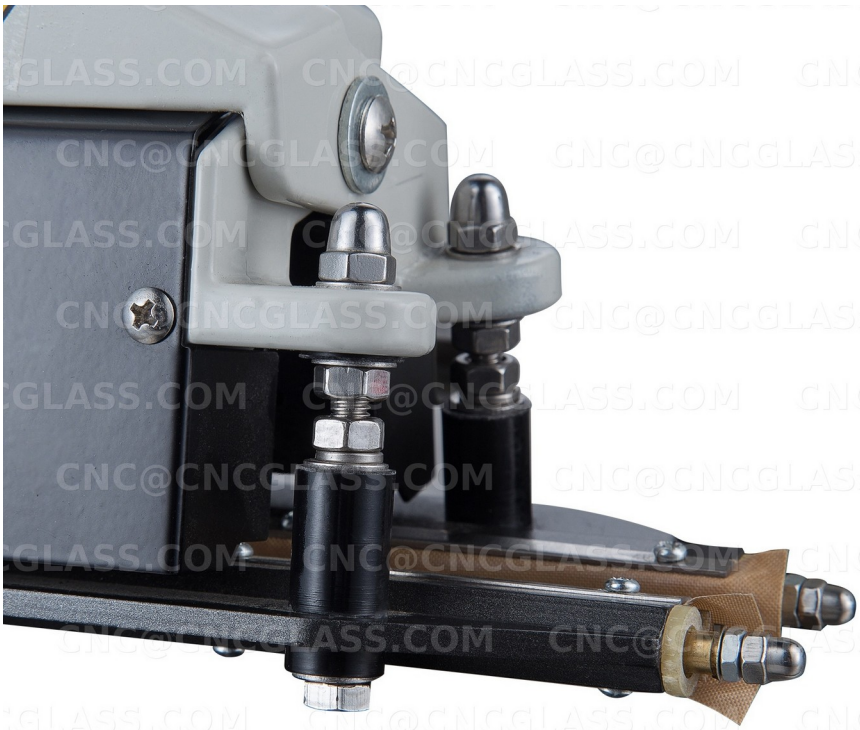


*Figure 4. Close-up of the jaw hardware, pivot, and fasteners.*

## 3. Technical Data

| Item | Detail |
|---|---|
| **Type** | Portable impulse hand sealer, with a separate control box |
| **Intended use** | Sealing CNCGLASS vacuum bagging film in the vacuum stage of EVA, PVB, or SGP laminated-glass and safety-glass production |
| **Heating method** | Impulse; heat applied from both jaws; automatic cut-off at the end of the set time |
| **Sealing bars** | PTFE-covered heating bars, all-aluminum construction |
| **Seal length / width** | 400 mm / 5 mm |
| **Temperature range** | 0–250 °C |
| **Power supply** | 110 / 220 V, 50 / 60 Hz, 500 W |
| **Hand unit size** | 400 × 145 × 145 mm |
| **Control box size** | 220 × 125 × 165 mm |
| **Weight** | About 7 kg for the complete set; about 1.5 kg for the hand unit |
| **Remote cable** | About 2.8 m |
| **Conformity mark** | CE |

## 4. Commercial Notes

Please contact cnc@cncglass.com for pricing, supply, and packing details. When you write, it helps to include the film thickness you will seal, the usual bag width, and the quantity you expect to use. Figures in this catalog are given for identification and selection; confirm fitness for your film and process before placing a production order.

## Contact Us

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*We will be glad to advise on sealing CNCGLASS vacuum bagging film for EVA, PVB, and SGP laminated-glass and safety-glass production.*