

S01 / PRODUCT REFERENCE 20261007 / ENGLISH BRIEF

# Automatic Sandwich Panel Stacker

Select by panel length and the need for turnover



Existing AI product render based on the equipment reference. Illustration only, not an installed project, dimensional layout or acceptance evidence.

Product 20261007 is the documented upward-turning single unit. The selection below also identifies when to review longer-panel stacking only or a separately specified synchronized dual-unit solution.

| Panel requirement               | Selection route                                                |
|---------------------------------|----------------------------------------------------------------|
| 2,500-12,000 mm                 | 20261007 single unit: stacking only or turnover plus stacking. |
| Over 12,000 mm without turnover | Project-specific single-unit stacking-only review.             |
| Over 12,000 mm with turnover    | Separately specified synchronized dual units.                  |

Documented single-unit stack height: 0-2,500 mm. Standard single unit: maximum 240 kg per panel; above 240 kg requires customization or modification. Confirm width, thickness, core, profile and contact arrangement.

[Review the product and workshop videos](#)  
[Prepare panel and line inputs](#)

Color Steel Machine | Hebei Pioneer Robot Technology Co., Ltd.  
Updated 12 October 2026. S01 is the website catalogue ID.

# Single unit reference 20261007

The following values are retained from the current product page. They apply to the documented upward-turning single unit, not the synchronized dual-unit configuration.

|                                         |                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Machine size                            | 2,100 x 2,300 x 4,500 mm                                                                                                     |
| Product code                            | 20261007                                                                                                                     |
| Moving-arm extension range              | 1,500 mm                                                                                                                     |
| Normal panel length                     | 2,500-12,000 mm                                                                                                              |
| Maximum individual panel working weight | 240 kg per panel for the standard single unit. Above 240 kg requires customization or modification.                          |
| Longer than 12,000 mm                   | Single-unit stacking only, subject to project review. For longer panels requiring turnover, discuss synchronized dual units. |
| Single-unit stack height in both modes  | 2,500 mm                                                                                                                     |
| Servo drive power                       | Lift 4.4 kW; rotation 1.5 kW; traverse 2.0 kW                                                                                |
| PLC                                     | VEICHI VC1                                                                                                                   |
| Servo motions                           | Lift + rotation + translation                                                                                                |
| Conveyor                                | 10,330 x 1,220 mm                                                                                                            |

## System and site interfaces

Documented stack height range: 0-2,500 mm. VEICHI VC1 PLC. Reference supply: 220 V translation / 380 V lift, 50 Hz. Confirm the complete incoming supply and site interface. The turnover configuration lists an Impro RV reducer.

## Capacity boundaries

Maximum individual panel working weight for the standard single unit: 240 kg. Panels above 240 kg require customization or modification. Pickup width, panel-thickness range and guaranteed cycle rate still require review. The 240 kg limit does not rate a synchronized dual-unit solution.

Panels above 12 m require the route-specific review on page 1. The normal 12 m range does not define a maximum stacking-only length. Single-unit dimensions and motor power do not rate dual-unit spacing, capacity or controls.

# Other layouts and longer panels

## Documented non turnover single unit

|                   |                          |
|-------------------|--------------------------|
| Machine size      | 1,100 x 2,300 x 4,500 mm |
| Moving-arm travel | 0-3,000 mm               |
| Servo motions     | Lift + translation       |
| Conveyor motor    | 0.75 kW                  |

This is a separate lift-and-translation layout. Its machine dimensions, moving-arm travel and conveyor motor belong to that layout; they are not the 20261007 turnover-unit or dual-unit specification.

## Synchronized dual units for long panel turnover

For panels over 12 m that need turnover, discuss two linked units. Review panel geometry and weight, unit spacing, supports, synchronization, receiving height, cycle timing and stack removal together.



Existing workshop-video preview of synchronized dual-unit handling. Footage illustrates a process; it does not confirm a maximum length, lifting capacity or the final project layout.

[Watch the synchronized dual-unit workshop video](#)

The 2,500 mm single-unit stack-height figure is not a confirmed dual-unit rating. Maximum panel combinations, target stack height, cycle rate, controls and footprint require a separate proposal.

# Prepare the configuration enquiry

## Panel variants

Record drawing revision, core material, surface profile, actual length, overall/effective widths, thickness and individual weight. Identify measured, requested and unknown values.

## Faces and sequence

Label both faces, incoming upward face and travel direction. Sketch the required finished-stack face sequence for each variant and state whether turnover is required.

## Finished stack and handover

Specify panel count, target height, alignment, separators, supports and removal method. Identify who supplies wrapping, strapping and full-bundle transfer; none is assumed included.

## Line and timing

Supply discharge height, available footprint, incoming arrival intervals and removal timing. Any output target needs a complete timing boundary and project review.

## Documents and workshop videos

[Download the blank S01 input sheet](#)

[Read the S01 selection-input guide](#)

[Review the long-panel decision guide](#)

[Single-unit turnover and stacking video](#)

[Single-unit receiving to placement video](#)

[Start an S01 configuration enquiry](#)

[Browse product downloads](#)

The TXT is a blank enquiry aid, not a performance approval. Downloading does not submit an enquiry. Send authorised drawings separately; the website form does not accept attachments.

## Contact Tony

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Basis: current S01 product page and revised selection-input sheet, with retained supplier Word parameters cross-checked. Current website selection scope controls the length routes. The 240 kg standard single-unit limit and requirement for customization or modification above that weight were confirmed by the supplier on 12 October 2026. No measured efficiency gain or unlisted width, thickness or cycle rating is claimed. This brief is not an operating manual, safety protocol, engineering layout or acceptance certificate.