TER INDUSTRIES



TER INDUSTRIES – SALES BROCHURE

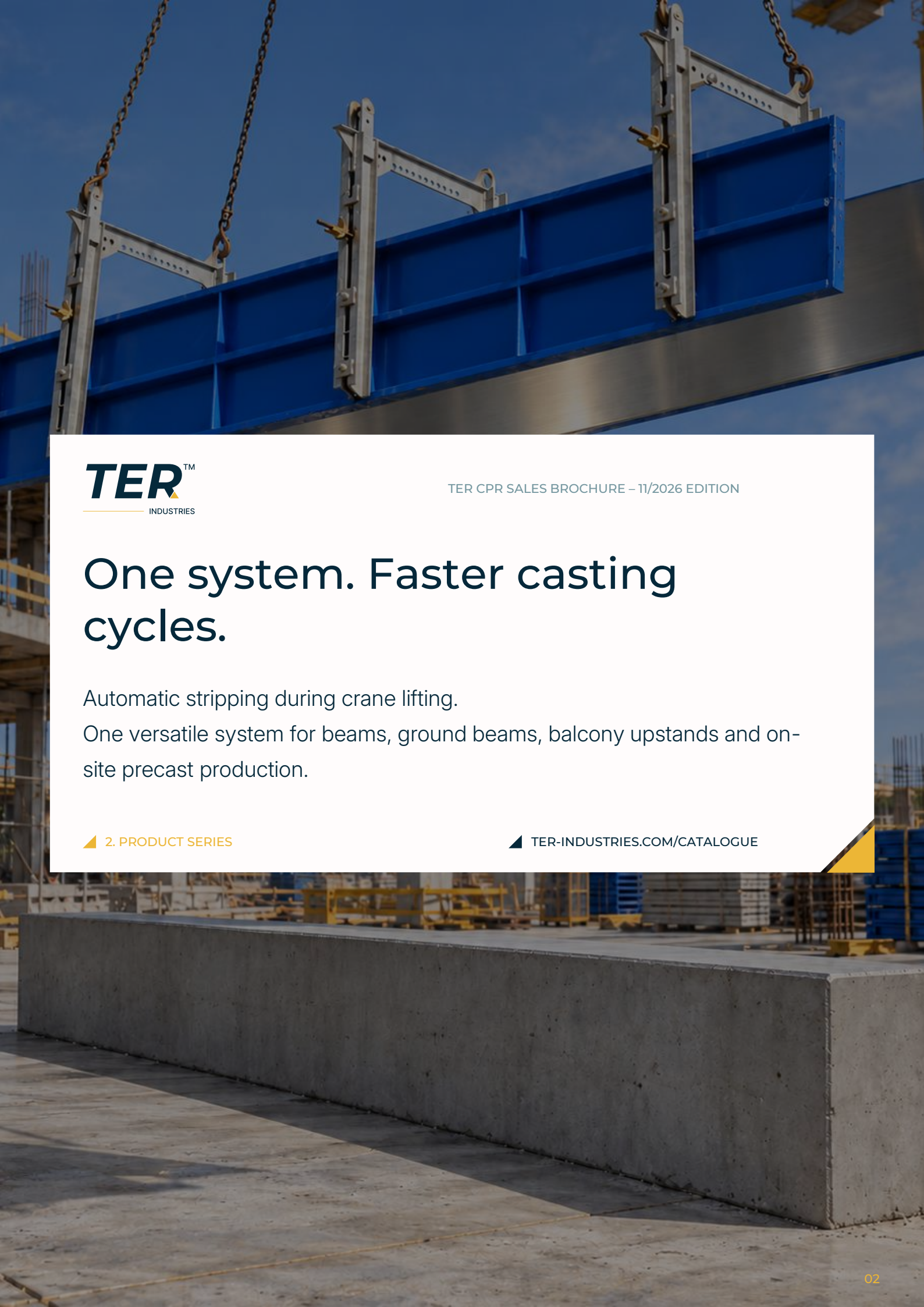
CPR

Adjustable Steel Beam Formwork

Adjust. Cast. Lift.

Engineered to International Standards

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TER CPR SALES BROCHURE – 11/2026 EDITION

One system. Faster casting cycles.

Automatic stripping during crane lifting.
One versatile system for beams, ground beams, balcony upstands and on-site precast production.

2. PRODUCT SERIES

TER-INDUSTRIES.COM/CATALOGUE

TER CPR

Contents.

Commercial overview of the CPR adjustable steel beam formwork system, including its operating principle, adjustment range, applications, panel sizes, connections, concrete contact surface and transport arrangements.

01	OVERVIEW - ENGINEERED FOR PERFORMANCE Main features and benefits	04
02	ONE SYSTEM. MULTIPLE CONFIGURATIONS. Panel range, width adjustment capacity, tie-rod positioning	06
03	ADJUSTMENT & CONNECTION Width adjustment and self-centering coupling bolts	07
04	LIFT. STRIP. REPOSITION. Casting process: designed for repeated use	08
05	MANUFACTURING & QUALITY Production checks and trial assembly	09

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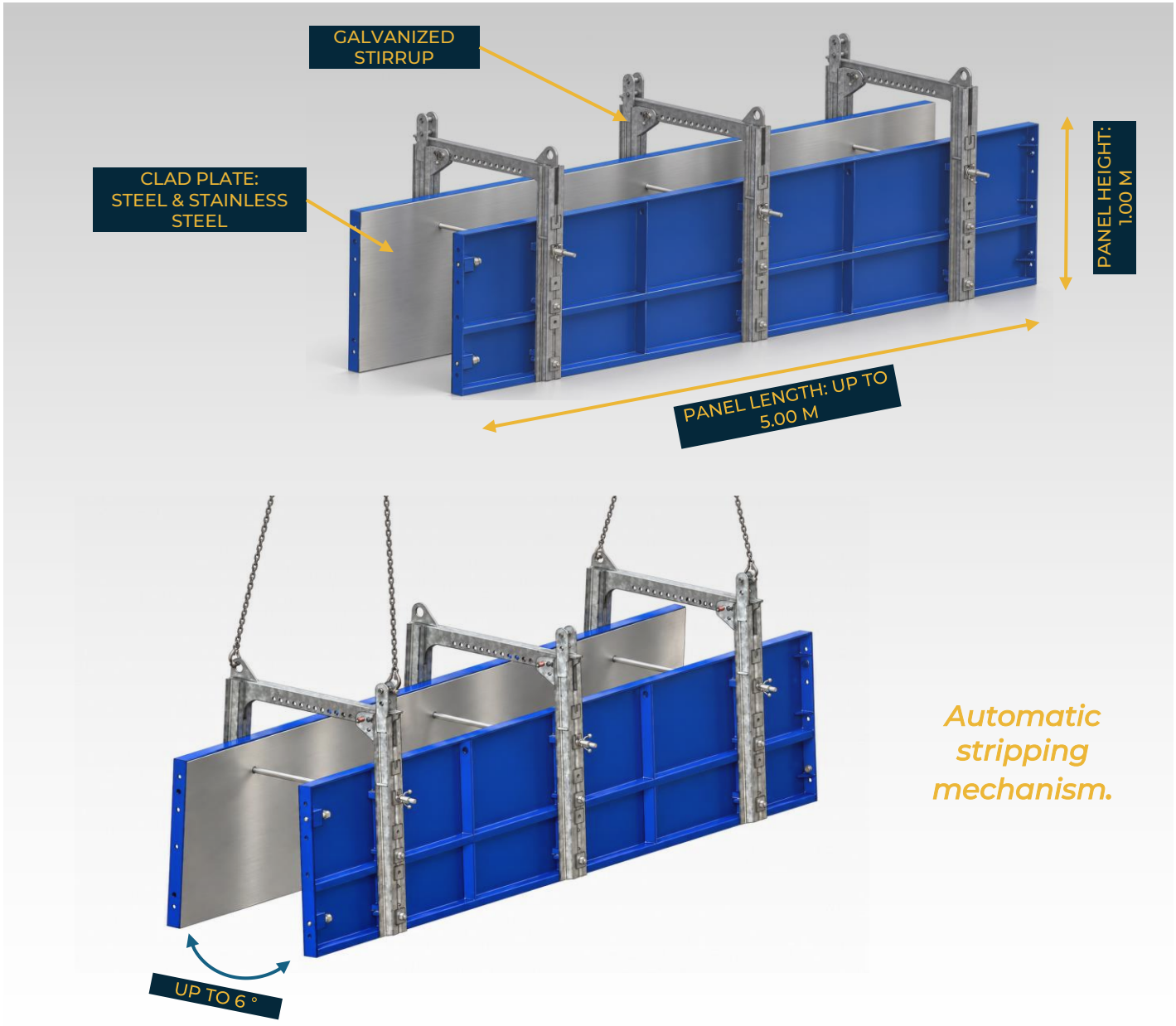
Overview.

One system. Faster casting cycles.

The **TER INDUSTRIES CPR** is an **adjustable steel formwork system** designed for casting concrete beams, ground beams and balcony upstands, as well as producing precast beams on site.

Its key feature is its **automatic stripping mechanism**: as the formwork is lifted by crane, the panels release from the concrete, simplifying the transition between casting cycles.

With adjustable widths, three standard panel lengths and a **stainless steel concrete contact surface**, CPR combines practical operation with versatility across different site requirements.



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Overview.

PRODUCTIVITY

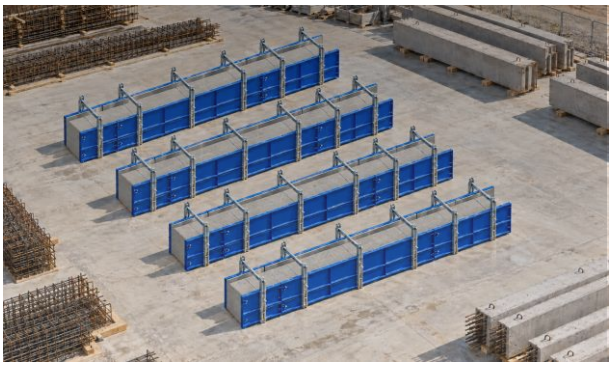
- **Automatic panel release during crane lifting:**
  - Lifting activates the panel release mechanism.
- **Combined stripping and handling:**
  - One lifting sequence streamlines the casting cycle.
- **Repositioning of assembled units:**
  - Less dismantling between compatible pours.

Fast. Simple. Versatile.



VERSATILITY

- **Multiple applications:**
  - Cast beams, ground beams and balcony upstands.
- **On-site precast production:**
  - Produce precast beams directly on site.
- **Modular casting lengths:**
  - Adapt panel combinations to each project.
- **Transport in assembled units:**
  - Reduce assembly work at the destination.



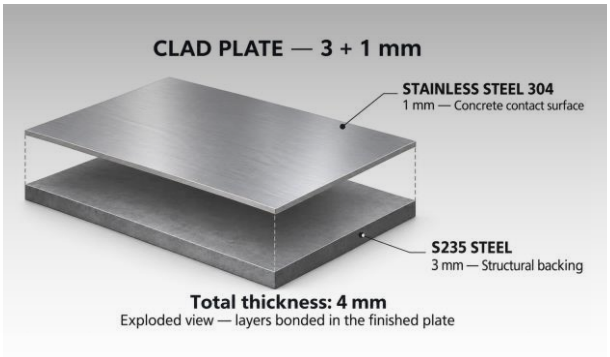
SIMPLICITY

- **Adjustable width from 8 to 80 cm:**
  - One system accommodates different beam sections.
- **Self-centering coupling bolts:**
  - Straightforward panel alignment and connection.
- **Three standard panel lengths:**
  - Combine 5.00, 2.50 and 1.25 m panels.
- **Standard panel height:**
  - 1.00 m
  - Optional panel heights available on request: 0.80 m and 0.60 m.



EASY MAINTENANCE

- **Grade 304 stainless steel contact surface:**
  - Facilitates routine care of the concrete-facing surface.
- **CLAD construction:**
  - Combines a 3 mm S235 steel backing with a 1 mm stainless steel facing.
- **Galvanized stirrups:**
  - Provide corrosion protection for repeated site use.



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One system. Multiple configurations.

Adapt the dimensions to your project.

TER CPR combines three standard panel lengths with an adjustable concrete width, allowing the same equipment to accommodate different concrete elements.

COMPLETE ASSEMBLIES - WEIGHT AND DIMENSIONS



CPR - 9008

- **Length:** 5.00 m
- **Height:** 1.00 m
- **Weight:** 832 kg

CPR - 9009

- **Length:** 2.50 m
- **Height:** 1.00 m
- **Weight:** 484 kg

CPR - 9010

- **Length:** 1.25 m
- **Height:** 1.00 m
- **Weight:** 254 kg

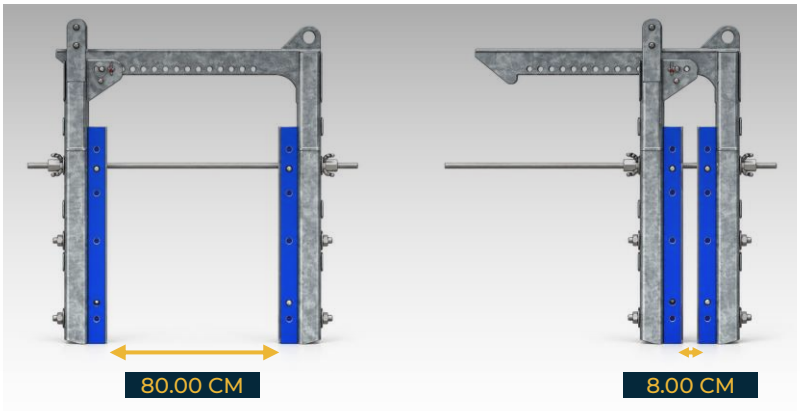
Panels are coupled using self-centering bolts to create the required assembly length.

WIDTH ADJUSTMENT

From 8 cm to 80 cm

The distance between the opposing concrete contact surfaces can be adjusted to suit the required beam width.

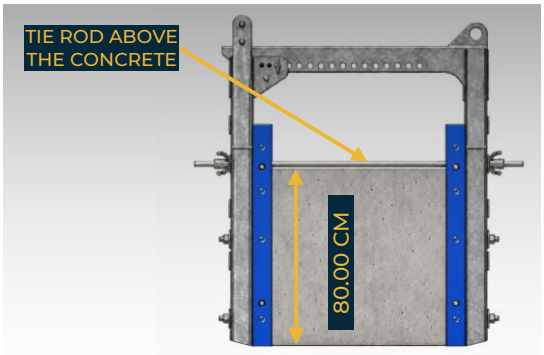
42 selectable beam widths from 8 to 80 cm, using adjustment positions A, B and C.



TIE-ROD POSITIONING

With standard 1.00 m-high panels, no tie-rod marks are left in beams up to 80 cm high.

- For beam heights up to and including 80 cm, the through tie rods remain outside the concrete section.
- For beam heights greater than 80 cm, the tie rods pass through the concrete section and leave marks at their locations.



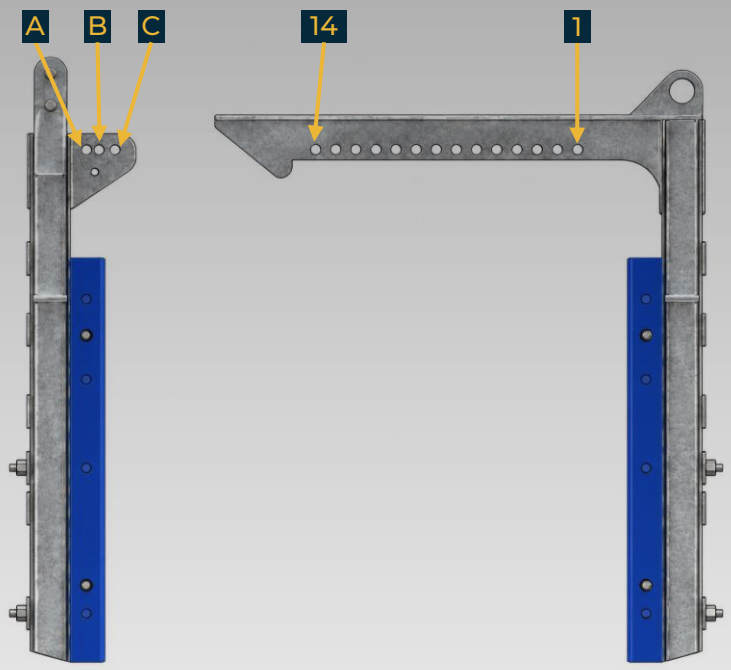
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Adjustment & Connection.

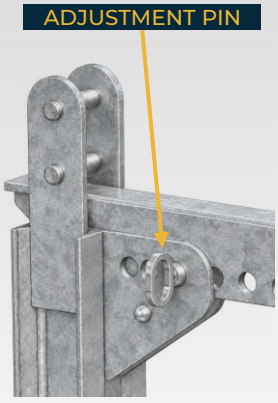
Quick adjustment. Seamless connection.

Select from 42 beam widths ranging from 8 to 80 cm using adjustment positions A, B and C. Connect panels with self-centering coupling bolts, combining 1.25 m, 2.50 m and 5.00 m lengths to achieve the required casting length.



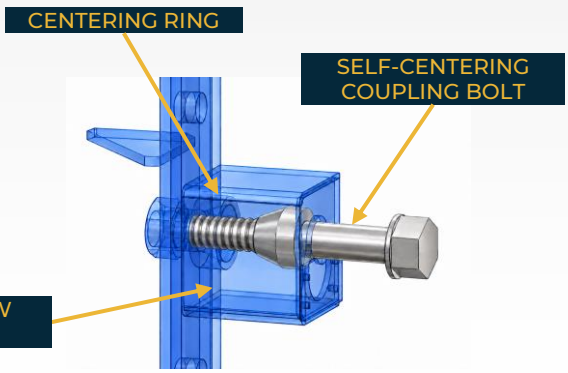
WIDTH ADJUSTMENT

A	B	C	Hole no.
8 cm	11 cm	15 cm	**1**
13 cm	16 cm	20 cm	**2**
18 cm	21 cm	25 cm	**3**
23 cm	26 cm	30 cm	**4**
28 cm	31 cm	35 cm	**5**
33 cm	36 cm	40 cm	**6**
38 cm	41 cm	45 cm	**7**
43 cm	46 cm	50 cm	**8**
48 cm	51 cm	55 cm	**9**
53 cm	56 cm	60 cm	**10**
58 cm	61 cm	65 cm	**11**
63 cm	66 cm	70 cm	**12**
68 cm	71 cm	75 cm	**13**
73 cm	76 cm	80 cm	**14**



COMBINATIONS BY INCREASING WIDTH

Setting	Width	Setting	Width	Setting	Width
A 1	8 cm	A 6	33 cm	B 10	56 cm
B 1	11 cm	C 5	35 cm	A 11	58 cm
A 2	13 cm	B 6	36 cm	C 10	60 cm
C 1	15 cm	A 7	38 cm	B 11	61 cm
B 2	16 cm	C 6	40 cm	A 12	63 cm
A 3	18 cm	B 7	41 cm	C 11	65 cm
C 2	20 cm	A 8	43 cm	B 12	66 cm
B 3	21 cm	C 7	45 cm	A 13	68 cm
A 4	23 cm	B 8	46 cm	C 12	70 cm
C 3	25 cm	A 9	48 cm	B 13	71 cm
B 4	26 cm	C 8	50 cm	A 14	73 cm
A 5	28 cm	B 9	51 cm	C 13	75 cm
C 4	30 cm	A 10	53 cm	B 14	76 cm
B 5	31 cm	C 9	55 cm	C 14	80 cm



Straightforward assembly and adjustment.

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Lift. Strip. Reposition.

Automatic stripping during crane lifting.

TER CPR is designed to release its panels from the concrete as the formwork assembly is lifted by crane. This mechanism combines panel release and handling within the same lifting sequence, simplifying repetitive casting operations.



01 — ADJUST & PREPARE

Combine the required panel lengths, set the beam width and position the formwork on the prepared casting base.



02 — REINFORCEMENT AND CASTING

Install the reinforcement and stop-ends, place the concrete, and allow it to reach the required stripping strength.



03 — LIFT & STRIP

Prepare the assembly for stripping in accordance with the operating instructions.
As the crane lifts the formwork, the stripping mechanism causes the panels to release from the concrete.



04 — REPOSITION

Move the assembly to its next casting position.

Designed for repeated use.

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Manufacturing & quality.

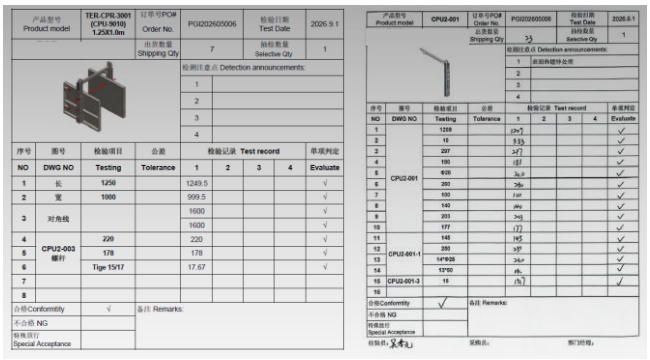
From material verification to final assembly.

CPR manufacturing and inspection focus on the features that determine its operation: panel geometry, welded construction, connection interfaces, CLAD facing and the automatic stripping mechanism.
Inspection requirements and acceptance criteria are defined in the agreed quality plan before production.


产品质量证明书
INSPECTION CERTIFICATE

01 — MATERIAL VERIFICATION

Verification of specified materials, including the steel structure and the composition of the CLAD facing.



02 — FABRICATION CHECKS

Dimensional and welding checks against the approved manufacturing drawings, including panel geometry and connection positions.



03 — TRIAL ASSEMBLY

Trial assembly to check panel fit, self-centering connections and width adjustment before shipment.



04 — FINAL INSPECTION

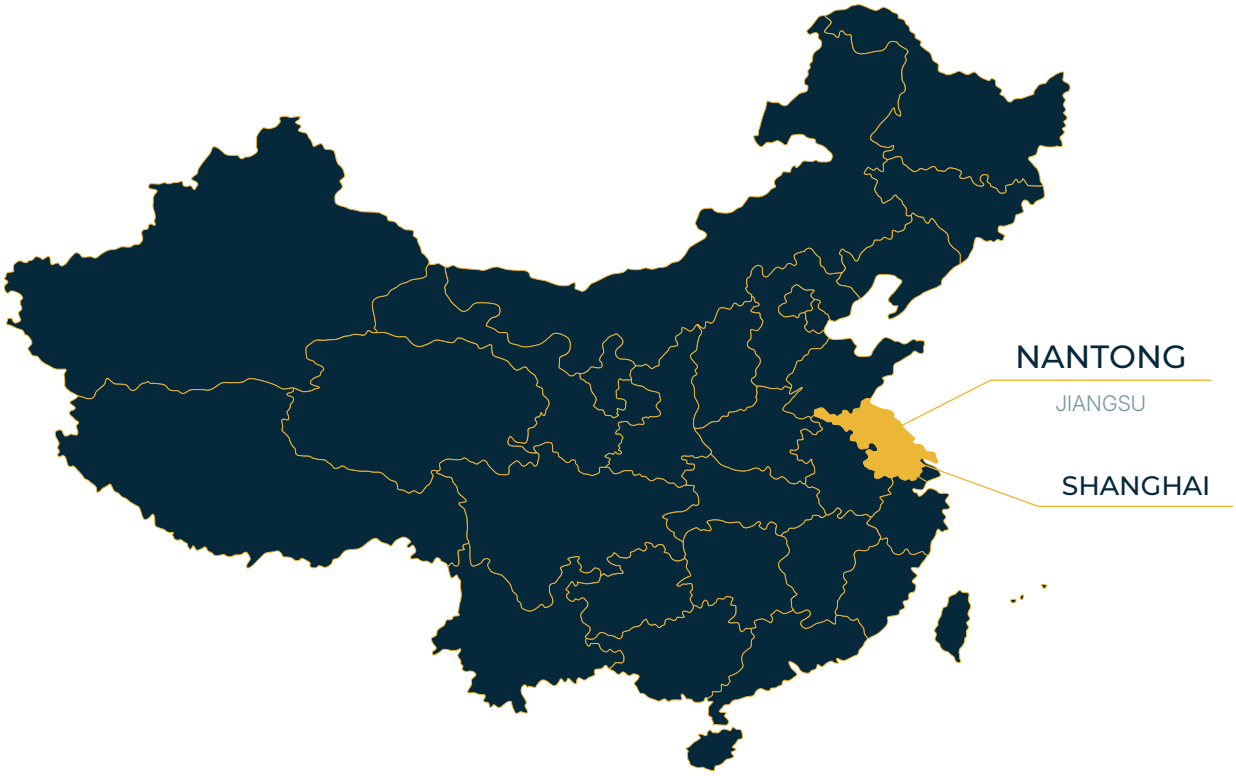
Inspection of the completed equipment, painted surfaces, concrete contact surfaces and supplied components before dispatch.

Controlled fabrication. Verified assembly. Prepared for delivery.

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FORMWORK & ENGINEERING SOLUTIONS

BUILD FASTER. BUILD SAFER. BUILD WITH TER.



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