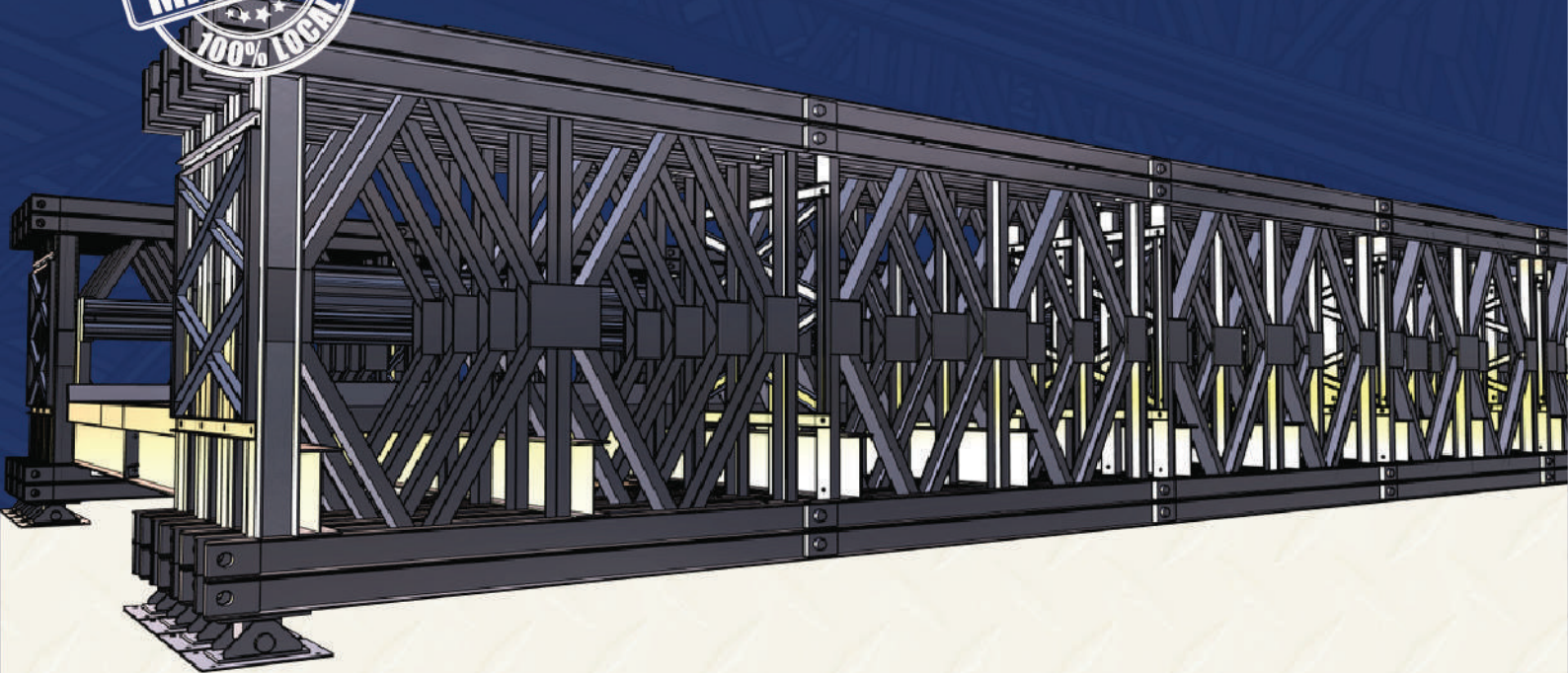




ENV MODULAR BRIDGE

CONNECTING LOCAL COMMUNITIES

www.enventerprise.com



About Us

ENV Modubridge Sdn Bhd is a subsidiary of ENV Engineering Enterprise Sdn Bhd, a Malaysian engineering company committed to delivering innovative and sustainable solutions that benefit communities and support infrastructure development. Established to focus on modular bridge systems, ENV Modubridge leverages the engineering expertise, manufacturing capabilities, and industry experience of its parent company.

As the first local manufacturer of modular bridges in Malaysia through the integrated capabilities of the ENV Group, we specialize in the supply, implementation, and technical support of modular bridge systems, including our flagship ENV Modular Bridge. Fabrication is undertaken by ENV Engineering Enterprise Sdn Bhd, ensuring stringent quality control and consistent manufacturing excellence throughout the production process.

Together, we are dedicated to delivering high-quality, cost-effective, and rapidly deployable bridge solutions that improve connectivity, enhance accessibility, and support the development of safe and resilient infrastructure. Through professional engineering services, reliable technical support, and strong client partnerships, we strive to provide practical and dependable solutions that meet the evolving needs of the industry.

Evaluated and Accepted by:



Previous Collaborations:



Our Direction

Guided by innovation, quality, and sustainability, we aim to improve connectivity in rural communities where accessibility is limited, while enhancing transportation infrastructure in remote regions.

We aspire to become the leading local provider of modular bridge systems in Malaysia and Southeast Asia, leveraging local engineering expertise and manufacturing capabilities to contribute meaningfully to national development, regional connectivity, and community growth.

ENV MODULAR BRIDGE

ENV Modular Bridge is a proprietary bridge system that is 100% locally designed and manufactured. Engineered for fast installation, minimal maintenance, and high reliability, it offers a practical solution for diverse bridging applications. Constructed using hot-dip galvanised steel components, high-tensile bolts and nuts, and high strength pin connection, the system delivers exceptional strength and durability. Verified through extensive engineering studies, it can span up to 60 metres in 3-metre modular increments, providing flexibility for various site requirements. Designed to accommodate heavy loading conditions and comply with British Standards, the ENV Modular Bridge delivers proven performance, quality and efficiency in a robust modular system.

Product Specifications



Design Phase

Design standard complies with BS5400, BD37/01, AASHTO LRFD, BS5950, EN1993-1-8.

Material Acquisition

Material comply to EN10025-2
Grades: S355 and S275.

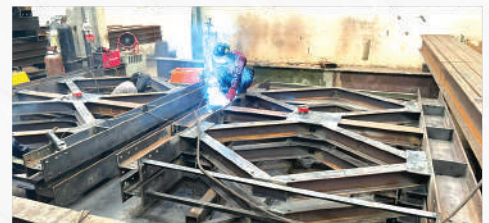


Connection (Pins, Bolts & Nuts)

High tensile bolts and nuts with hot-dipped galvanised protection and all pins are electro galvanised.

Fabrication Process

Manufacturing process complies with ISO.



Corrosion Protection

Hot-dipped galvanised complies with BS EN ISO1461:2009.

Logistic Operation

Systematic components storage, packing and transportation.



Our Strengths

Local Design

Professional technical support :

Reliable technical assistance will be provided in fulfilling requirements from the local authorities, including support through independent technical opinion reports from CIDB.



Local Manufacture

Cost-effective logistics :

Faster delivery time and lower shipping cost.



Local Material

Attainable spare parts :

Materials are procured locally and accompanied by readily available spare parts.



Product Values



Easy Installation



Engineering Tested



Minimal Maintenance



Highly Portable

Comprehensive Services



Product Consultation



Structural Report



PE Endorsement



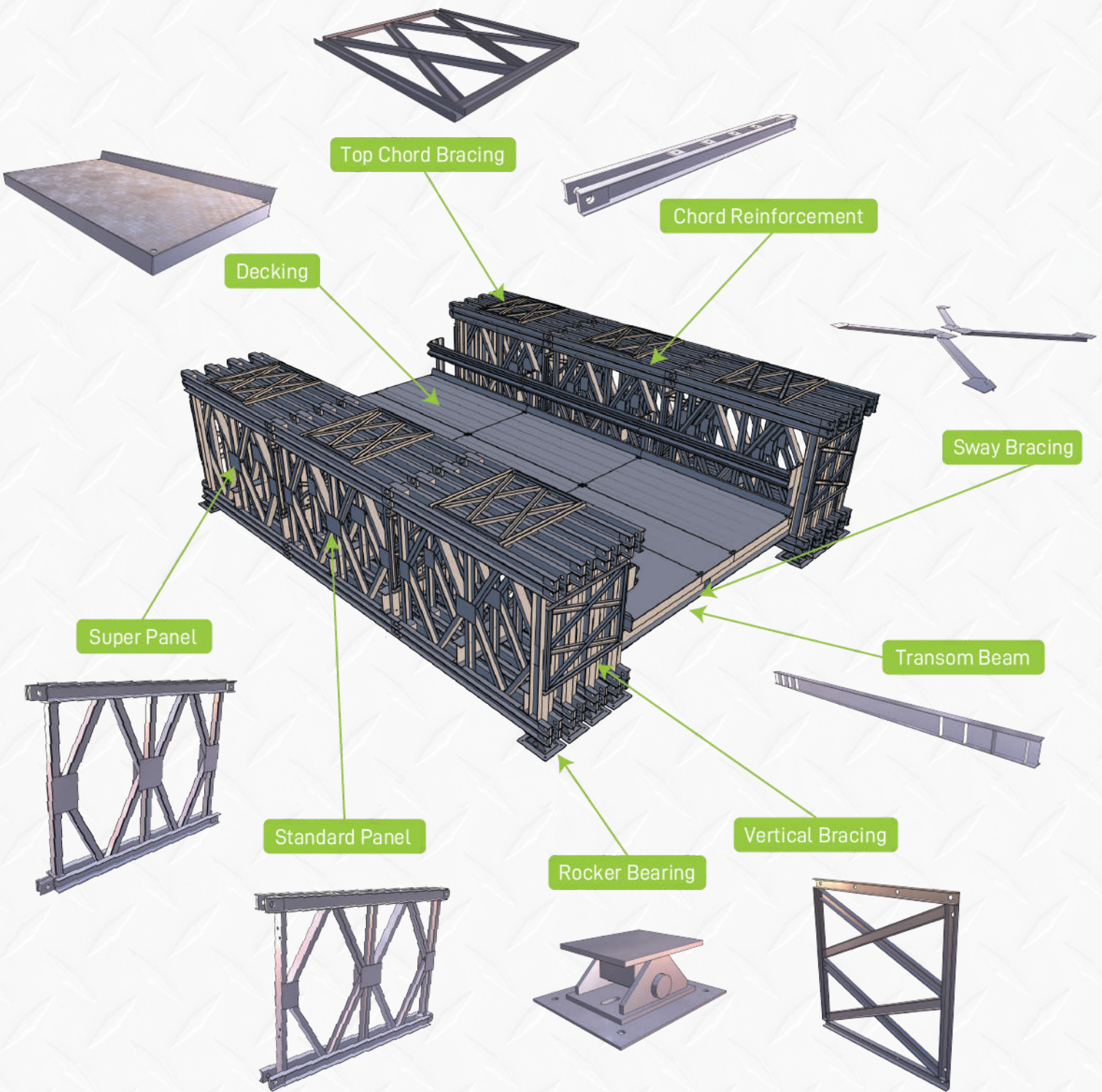
Local Technical Support

Product Categories

Product	Width	Loading	Span Range
ENV Modular Bridge	Single Lane/Double Lane	HB10 - HB45, HA + KEL	30m - 60m

Notes:

- 1. Final bridge configuration is subject to detailed design and structural verification.
- 2. Custom span lengths not listed in this table are available upon request.





ENV Modubridge Sdn. Bhd.
(202501002497)

HQ & Fabrication Yard

No. 2, Jalan Masai Lama,
Bandar Seri Alam,
81750 Masai, Johor

Branch Office

S-9-11, The Gamuda Biz Suites,
No. 12, Jalan Anggerik Vanilla 31/99
Kota Kemuning, Section 31 40460,
40150 Shah Alam, Selangor

+6016 762 1761
sales@enventureenterprise.com