

XB CROSSBITE

PATENT PENDING

Fewer Connections. Less Labor. Reliable Interlock, Every Time.

CrossBite, CSC's new side lap connection tool, delivers secure high-strength side lap connections built for speed. Engineered for steel deck diaphragms in high seismic and high wind load applications, where side lap connection integrity is critical to the structural performance.

CrossBite can be used with these interlocking deck types:

- BI
- BLI
- NI32
- NI32-XS
- LF2
- LF3

BENEFITS OF CROSSBITE INSTALLATION

STRUCTURAL CONSISTENCY

No variability, no weak points — consistent quality throughout the project.

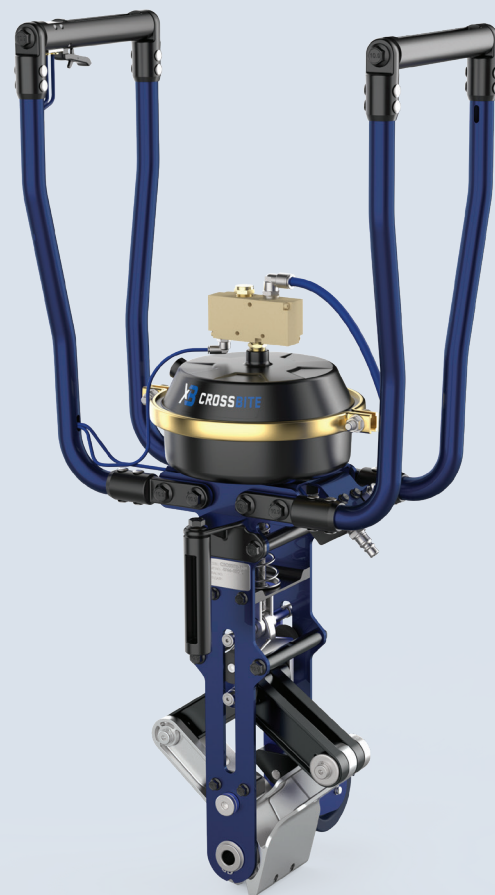
STRENGTH

Built for diaphragm performance under seismic and lateral wind forces, where side lap integrity matters most.

SAVINGS

Fewer connections than screws or welds means faster installation, lower labor cost, and less material waste on site.

Technical details, code compliance reports (including ICC-ES), and additional information will be available soon. For more information, contact your Sales Representative or visit CSCSteelUSA.com/Contact.



CSCSteelUSA.com | 833-888-0545

BUILD WITH CONFIDENCE

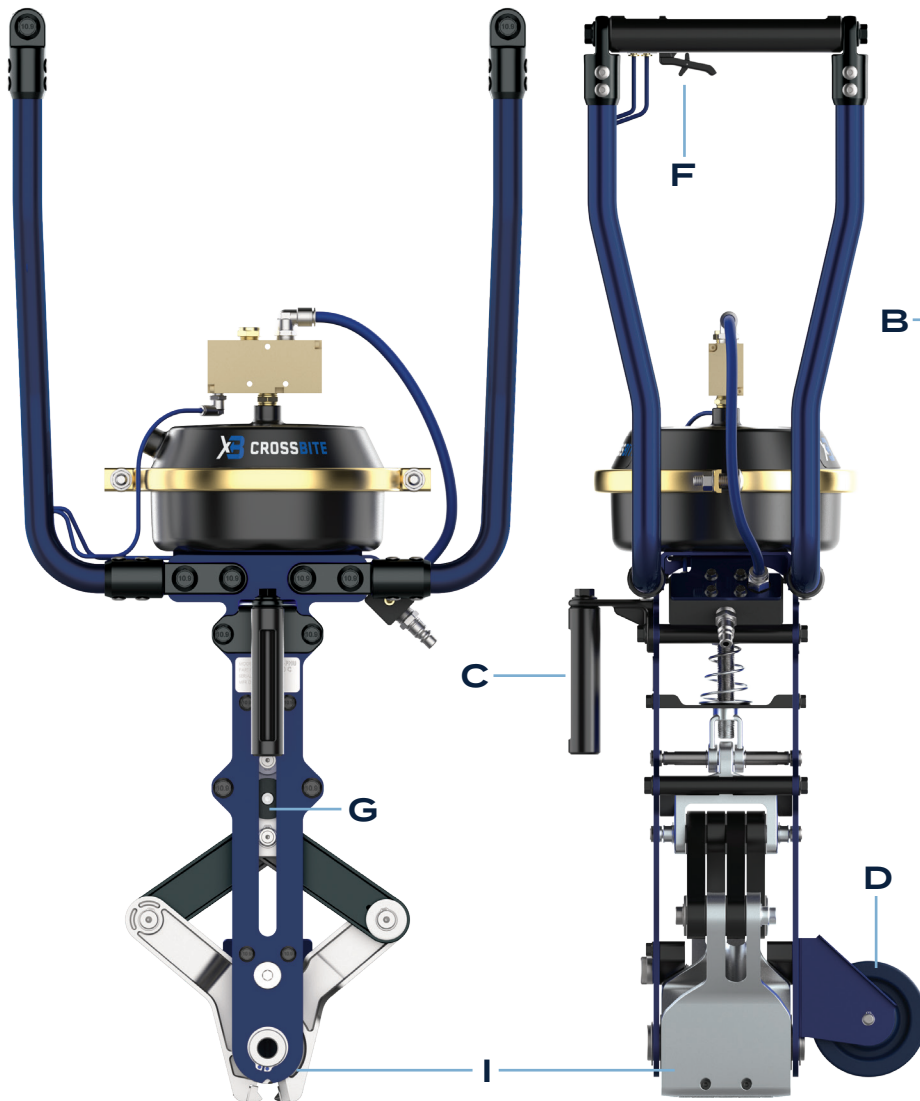
USE CROSSBITE ON YOUR NEXT PROJECT

TECHNICAL BENEFITS

- A. Proprietary Punch:** Maximizes shear strength and stiffness at every diaphragm connection (Not Pictured)
- B. Dual-Direction Crimp:** Four symmetrical penetrations lock deck panels in both directions for a tighter, more secure seam

ERGONOMICS & MOBILITY

- C. Transport Handle:** Centered at the tool's center of gravity to make carrying the tool easy
- D. Integrated Wheel:** Rolls along the deck side lap so crews aren't lifting and carrying between connections
- E. Carrying Case:** Built for quick transport and easy rental returns (Not Pictured)



SAFETY-FIRST OPERATION

- F. Safety Trigger:** Guards against accidental activation
- G. Hard Stop:** Limits over-travel and ensures a consistent connection

LOW-MAINTENANCE

- H. Polymer Bushings:** Virtually no upkeep (Not Pictured)
- I. Replaceable dies:** Swap in seconds, no downtime

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