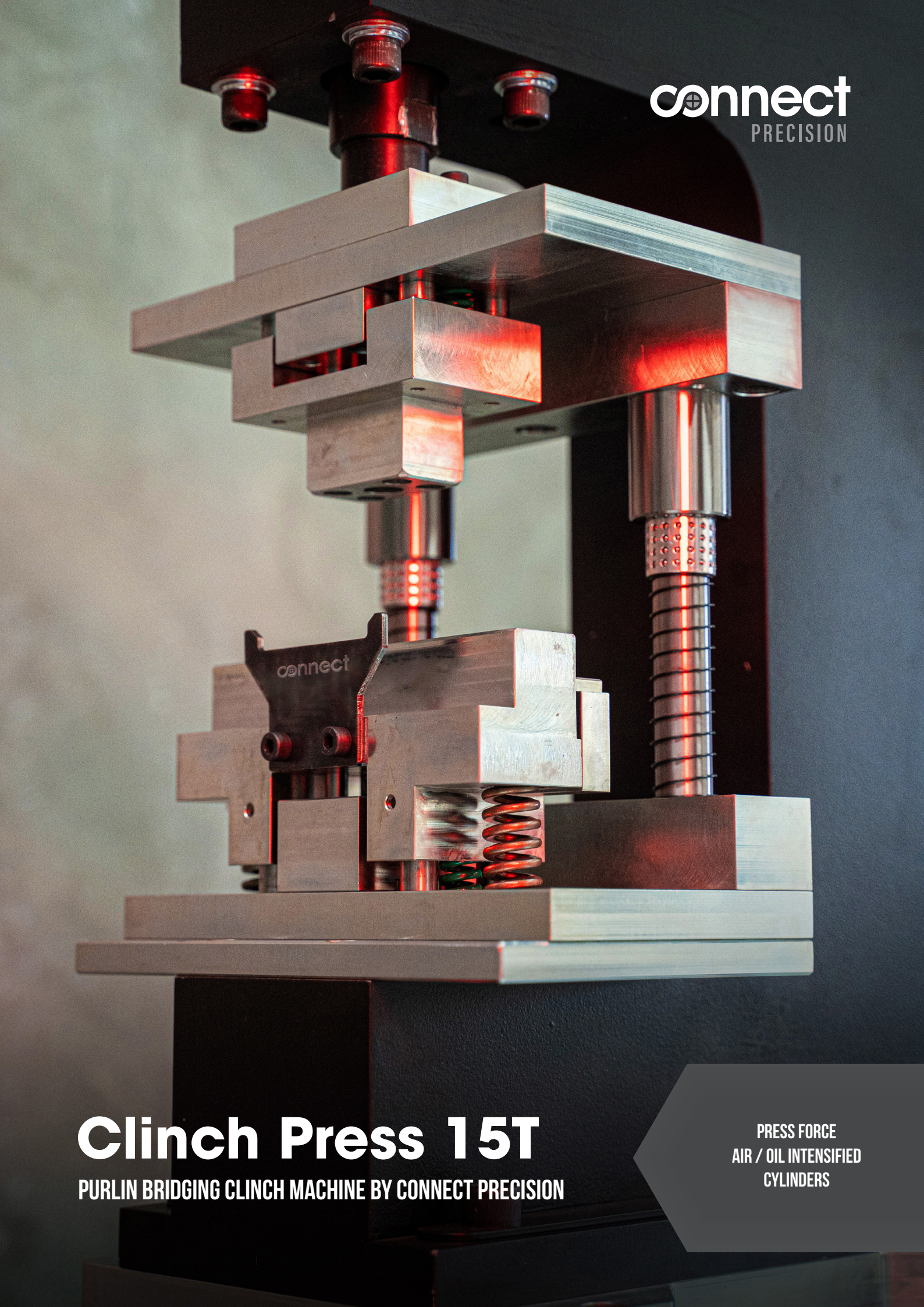
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PRECISION
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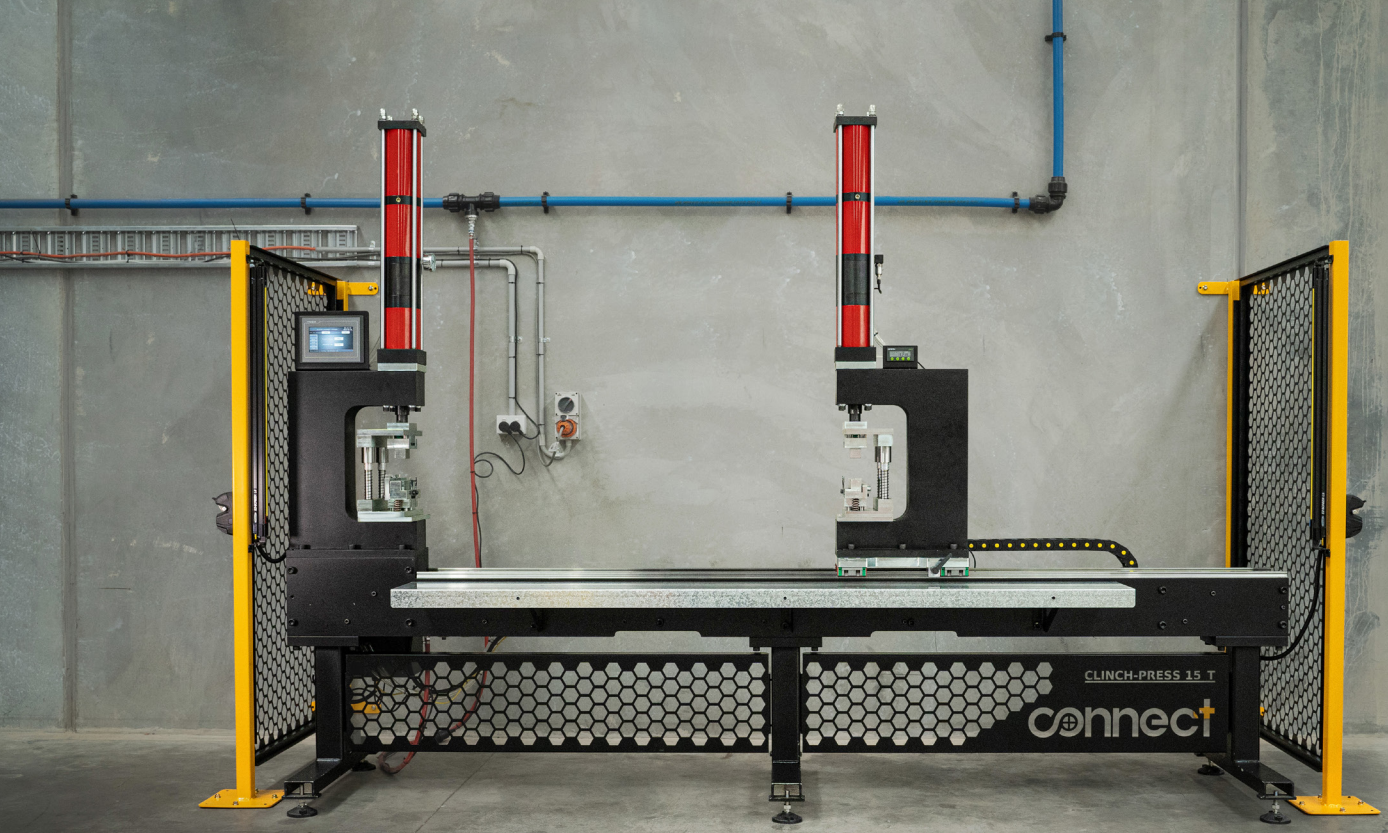
Clinch Press 15T
PURLIN BRIDGING CLINCH MACHINE BY CONNECT PRECISION
PRESS FORCE
AIR / OIL INTENSIFIED
CYLINDERS



PURLIN CLINCHING PRESS MACHINE

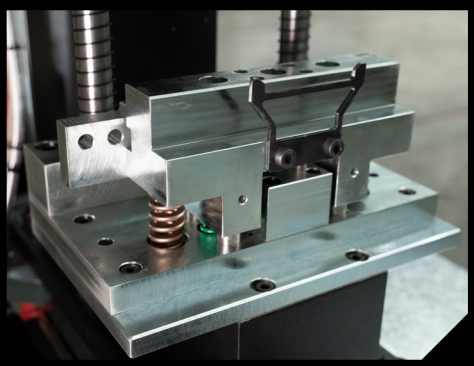
INDUSTRIAL INNOVATION

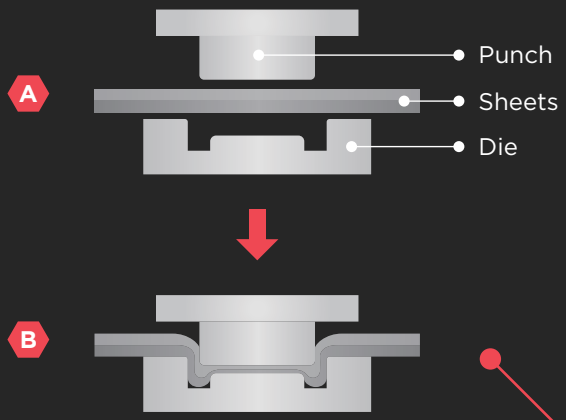
The purlin bridging clinch machine has been designed specifically to assemble pressed bridging ends to bridging channels by metal clinching. This process is essential for creating bridging assemblies which are an essential item in steel structures.

Purlin bridging is used in steel structures to stiffen C & Z purlins and girts to resist wind loads.

The machine is designed with a durable frame and high quality heavy-duty components to withstand the demands of high-volume production.

The clinch press machine provides an assembly solution without the need for high cost consumables or rivets, and does not require the additional high running costs of hydraulic pumps and systems.

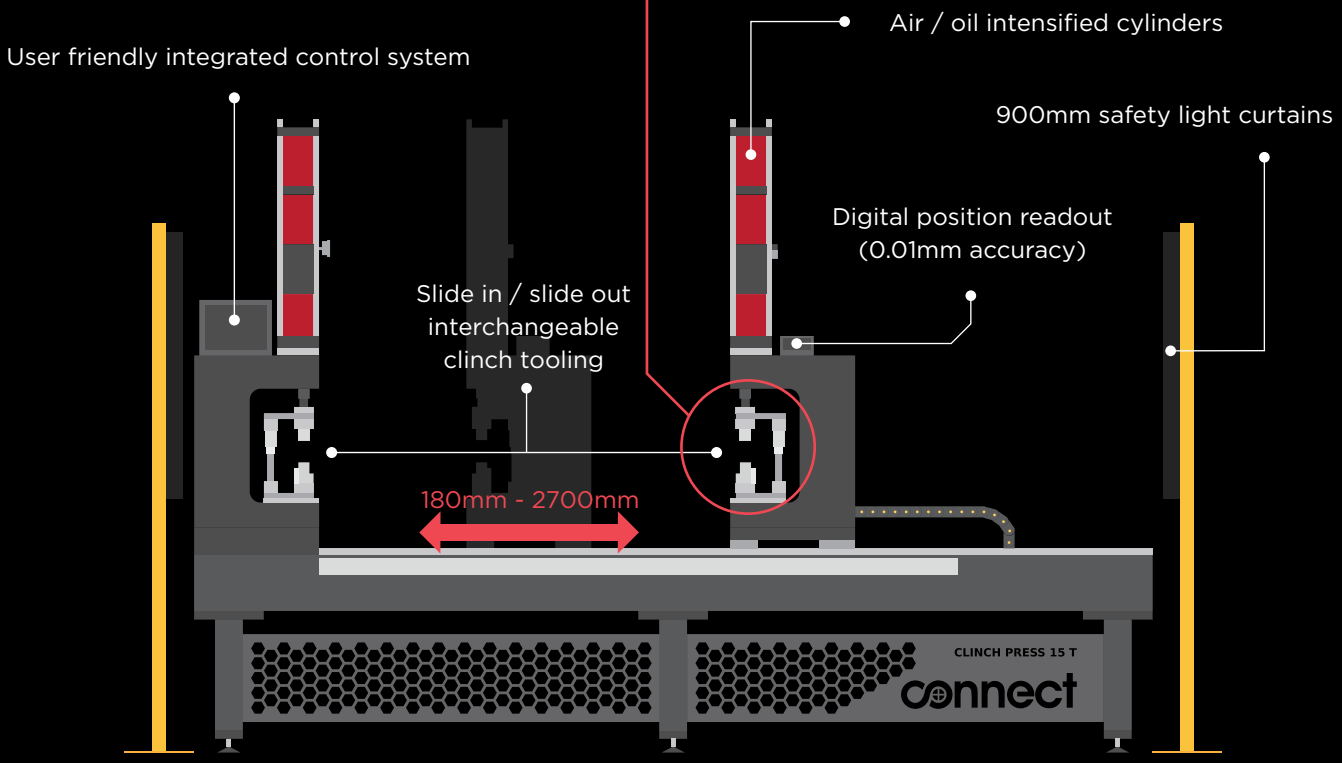




HOW DOES A CLINCH JOINT WORK?

Clinching is the process of plastically forming an interlock between two adjoining metal sheets to create a strong and permanent bond.

Clinch punches and dies are inserted into the tooling supplied and are durable and easily interchangeable when required.



KEY FEATURES

1. Quick change tooling is engineered specifically for each unique bridging design. Slide in / slide out the required tooling for the job.
2. With one fixed head and one sliding head, the purlin bridging clinch machine is infinitely adjustable between 180mm and 2700mm using high accuracy machine slides.
3. Using compressed air as the primary power source allows for a quicker approach and retraction, and uses less energy - up to a 70% saving when compared to traditional hydraulic systems.
4. Safety guarding and light curtains are supplied as a standard and are integrated with the machine operating sequence.
5. User friendly HMI touch screen control panel allows for intuitive operation.

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PRECISION