

INTERWOOD®











Heated Multi-Platen Hydraulic Presses



Interwood heated multi-platen hydraulic presses are designed and constructed to achieve maximum quality of the finished product. Suitable for use in wood, plastics, metal-working and composite materials industries, they are the result of many years research and experience. Particular attention has been given to ease of operation, maintenance, reliability, economy and safety. All Presses are fitted with 40mm solid steel platens.

 **INTERWOOD®**
SPECIAL WOODWORKING MACHINERY

Standard features include:

-  Press frame designed for maximum strength, with heavy steel and welded construction.
-  Corrosion resistant chrome finish pressure rams acting on a machined surface of the press table to provide maximum operational safety and optimum pressure distribution
-  Solid steel drilled and ground platens for precision pressing and strength.
-  Hot oil heating system that gives constant and equally distributed heat over the platen area.
-  All Intermediate platens suspended on pin links, obviating problems associated with uneven wear of platen stops avoiding any risk of platens falling.
-  Clearly laid out control panel including contact pressure gauge for maintaining pre-set pressure throughout work cycle.
-  Automatic opening by timer of press after expiry of selected time. Including audible and visual warning.
-  Two safety trip wires fitted to the machine. One hand operated midrange, and one for foot operation.
-  Open end to cater for pressing of extra long workpieces
-  Four rack stabilising system to ensure precise flat movement of the bottom platen.

Technical Specifications

| | | |
|---|----------------|----------------|
| Maximum pressing area | 1300 x 2500mm | 1550 x 3100mm |
| Solid steel ground and drilled platen thickness | 40mm | 40mm |
| Platen faces covered in detachable Mylar film | | |
| Maximum daylight (Single daylight) | 300mm | 300mm |
| Maximum daylight (Multi daylight) | 100mm | 100mm |
| Number of rams | 8 | 10 |
| Diameter of rams | 85mm | 85mm |
| Maximum pressure | 100tons | 120tons |
| Maximum surface Pressure @ 22Mpa | 48 psi | 40 psi |
| Hydraulic power pack | 5.5kw | 5.5kw |
| Automatic opening with timer | 60 mins | 60 mins |
| Double switched safety trip wire | | |
| Closing speed (mm per second) | 20 | 20 |
| Overall Dimensions (L x W x H) | 3580x1450x2100 | 4160x1760x2100 |
| Net weight | 6000kg | 8000kg |

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