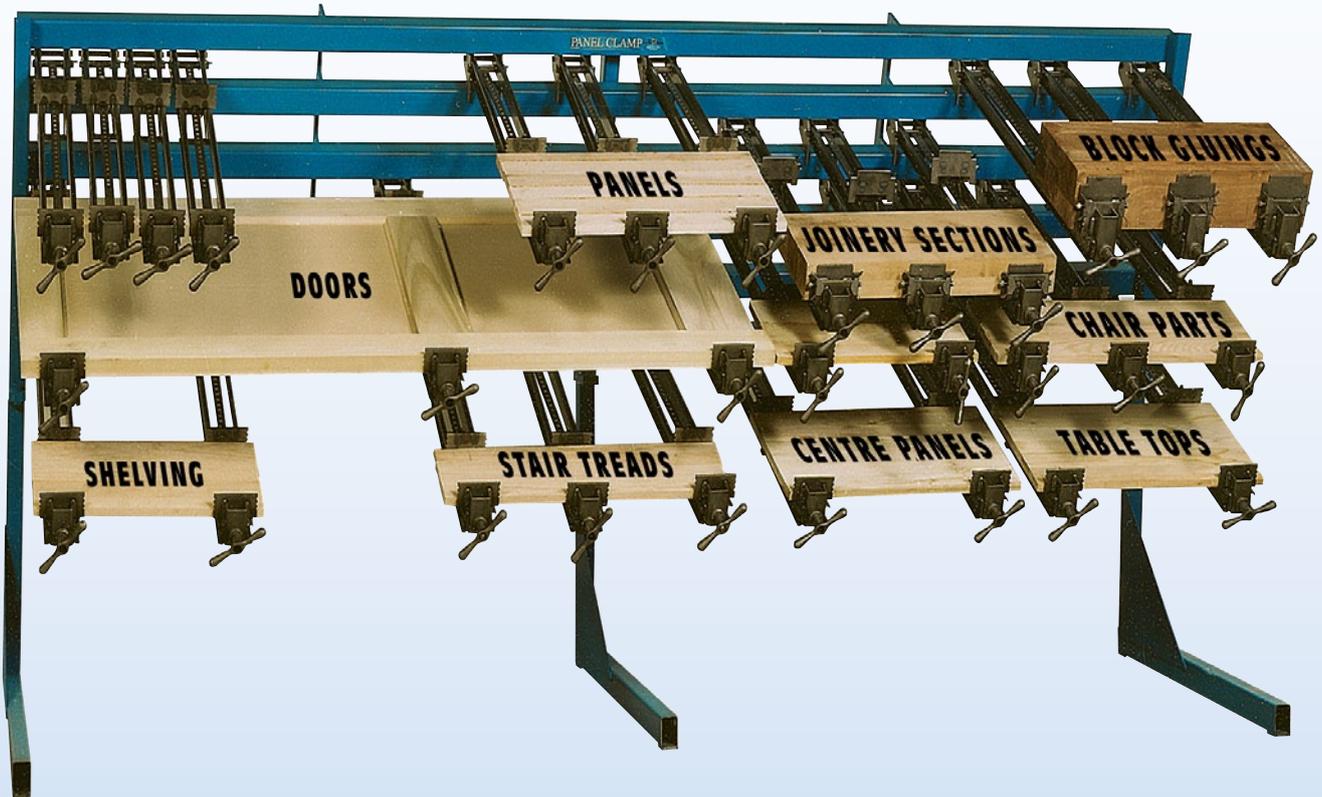




The Leader in Solid Wood Clamping Systems



Professional Clamping and Gluing equipment for the Joinery and Furniture Manufacturer



Stair parts including strings, treads & winders

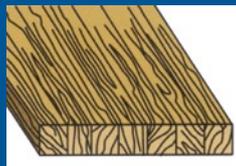


Table tops, work tops & panels



Clamping & squaring of cabinet doors / frames



Block gluings for newel posts & turnings



Joinery sections & laminated handrail



Waste recovery

JLT Panel Clamps

The **Panel Clamp** is a very versatile and easy to use clamping system that has been specifically designed for solid edge and face laminating. It is ideal for producing a wide range of laminated components such as stair parts, joinery sections, panels, table tops, block gluings for turnings etc etc. It can also be used for clamping frames or doors. The patented 'equaliser' clamp arms are of 100% steel construction and carry a lifetime warranty on all the welded parts. All clamps easily slide from side to side on the heavy duty steel frame and can be moved to different levels as required. There is also the facility to hang the clamps vertically from the top frame bar when not in use, thus saving valuable workshop space. Standard clamp arm openings are 1015mm (40") although on special request arms with an opening of up to 1320mm (52") can be supplied.

“The Better Smarter Clamp”

From a distance or in a picture two mechanical clamps make look alike. However the JLT patented 'Equaliser' clamp incorporates a number of important features not found on other types of mechanical clamp that help ensure a quality glue joint is produced.

- Guaranteed never to twist, bow or bend.
- All gluing surfaces are flat and manufactured from 'bright steel' for easy cleaning.
- The patented "equaliser" design of clamp provides equal pressure from both the front and rear jaws . The net result is a higher quality (lower stress) glue joint.
- Quick setting rear jaw.
- The clamp jaws are 115mm wide giving a large clamping pressure area and meaning less clamps are needed per glue up.
- The jaws are toed in by 1 degree to help prevent panel bowing / buckling.
- The draw bar acts like a spring when clamping. It stretches when pressure is applied. As the glue dries, the panel shrinks a small amount but the clamp still maintains full pressure.
- Each clamp is robotically welded to produce uniformity and precision from clamp to clamp.
- Clamps designed to achieve up to 3000 lbs of clamping pressure.
- Designed and manufactured in the USA.



JLT 2.4m (8ft) Panel Clamp

Ideal for the space limited medium production workshop, this clamp has 5 gluing levels and as standard is equipped with 18 off 1015mm (40") max. opening clamp arms with the facility to add more clamps at any stage in the future. Clamp jaw height is 90mm (3.5") and when fitted with the optional rocker plates components up to 150mm (6") in thickness can be laminated.



When not in use clamp arms can be hung vertically thus saving space.

JLT 3.6m (12ft) Panel Clamp

Basically as per the 2.4m model, but with the facility to clamp a greater size range and a greater quantity of components. There are 5 gluing levels and 30 off 1015mm (40") max. opening clamp arms supplied as standard, with facility to add up to another 20 clamps in the future if required. (Shown with optional plate spreader PVA glue applicator)



JLT Custom Clamp

The JLT Custom Clamp set up consists of 2 x 2.4m Panel Clamps positioned side by side giving the facility to laminate long components up to 4.8m in length. This makes it ideal for laminating beams, posts, stair strings, hand rail section, joinery sections etc.

For laminating over 90mm in thickness the optional rocker plates can fitted (see inset) that extend the clamping height up to 150mm.(6") The rocker plates easily slide and / off as required with height position being set off location notches on the side of the main clamp jaw.



Glue Applicators

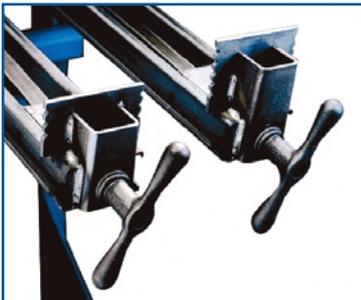
We are able to supply a variety of PVA glue applicators. These include the Redi Spreader and Plate Spreader which both provide an efficient spread of adhesive. A perforated aluminium glue grid rises from an aluminium container by a foot activated pedal. The operator then places the components to be glued on to the grid leaving a 'honey comb' effect glue line. When not in use a cover is placed over the glue trough to protect and extend glue life. Sizes available are either 150mm x 685mm (6" x 27") or 200mm x 1220mm (8" x 48"). We can also supply Titebond PVA adhesive that is ideal for solid wood edge and face laminating along with BATES boothcoating glue clean up liquid that when applied to the clamp surfaces prevents glue build up and helps with easy cleaning.



Custom Products & Accessories

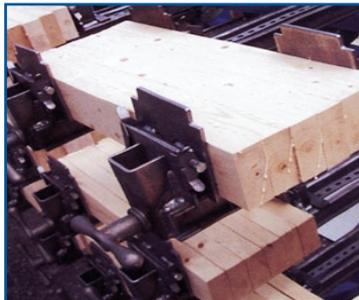
Clamps

Additional clamp arms available on special request with a maximum opening of 1320mm (52").



Rocker Plates

Clamp accessory that raises the clamp jaw height up to 150mm (6"). For newel posts, turnings, large joinery sections and other 'face' glue-ups.



Heavy Duty Clamp Arm

The 401 type clamp with rockers for face laminating material up to 200mm (8") in thickness. A special wrench is required to fasten / loosen.



JJ Smith have been the sole UK and Irish agent for JLT Clamps for nearly 25 years and have supplied many joinery and furniture manufacturers both large and small with this equipment. The Clamps themselves have gained an excellent reputation for their ease of use, versatility and reliability. For the high volume production of laminated components JJ Smith are also able to offer the Taylor range of rotary clamp carrier systems that are available in a number of configurations and specifications to suit customers individual production requirements.



JJ SMITH

Moorgate Road, Knowsley Industrial Park, Kirkby, Liverpool L33 7DR
Tel: 0151 548 9000 • Fax: 0151 549 1771
E-mail: sales@jjsmith.co.uk • Website: www.jjsmith.co.uk

Due to constant improvements the manufacturer reserves the right to alter the specification or appearance without prior notice.