

JLT CLAMPS JLT

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

Panel Clamps

The **Panel Clamp** is a very versatile and easy to use clamping system that has been specifically designed for solid wood edge and face laminating. It is ideal for producing many types of laminated components such as stair parts, panels, work tops, joinery sections and block gluings etc. The patented 'equaliser' clamp arms are 100% steel construction and carry a lifetime warranty on all welded parts. They incorporate a number of important features that include 115mm (4.5") wide clamp jaws that are toed in by 1 degree to help prevent the panel from bowing, the 'EZ' slide feature on the rear jaw that allows for

quick adjustment for different widths of components, and 95mm (3.7") wide clamp body providing a flat surface for even glue ups. Both the front and rear jaw provide equal clamping pressure (clamps designed to take up to 3000 lbs) thus ensuring a quality joint is produced. All clamps easily slide from side to side or can be moved to a different level on the clamp frame itself. There is also the facility to hang the clamps vertically from the top frame bar when not use. Standard clamp arm openings are 1015mm (40"), although on special request arms with an opening of up to 1320mm (52") can be supplied.



2.4m (8ft) Panel Clamp

Ideal for the space limited medium production workshop, this clamp has 5 gluing levels and standardly 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



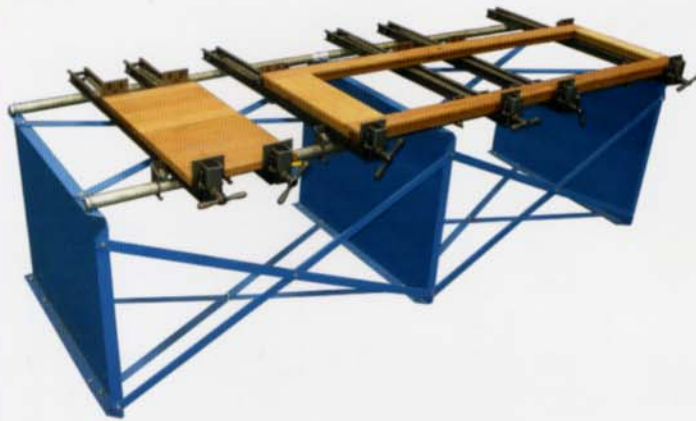
3.6m (12ft) Panel Clamp

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.

Custom Joinery Clamp & Door Clamps

The Custom Joinery Clamp is a competitively priced manual horizontal clamp that is ideal for clamping a variety of components such as doors, frames and panels. The pneumatic Door Clamp is a quick, efficient and accurate way for the simultaneous clamping and squaring of cabinet doors, with change over time for different sized doors taking as little as 10 seconds. It can also be used for clamping window sashes and frames. The clamping frame

is of heavy duty steel construction and angled for easy operator loading & unloading, with the added advantage of taking less floor space. The clamping sequence is quickly activated via a safety two hand push button control with each clamping cylinder capable of up to 1000 lbs of clamping pressure, which can be regulated for doors / frames made from different thicknesses and types of timber.



Custom Joinery Clamp

Ideal for a variety of clamping operations the Custom Joinery Clamp incorporates 6 off 302 style clamp arms which have a maximum opening of 1015mm (40") and 90mm (3.5") high jaws. The clamps slide along the length of the frame on round bars and bearings and can be positioned to suit the size of frame to be clamped. The maximum distance between the 2 outside clamps is 2.8m (9ft 3") while the working height is 1m (40").



Double Door Clamp

This clamp has a maximum working capacity of 965mm wide x 2130mm long (38" x 84"). It can be used to clamp 2 cabinet doors or frames side by side or by taking out the removable centre bar one large door or frame up to the maximum working capacity can be clamped. As standard it is equipped with 4 vertical pneumatically operated clamps and 2 horizontal pneumatically operated cross clamps. The position of 5 of these clamps are adjustable to suit the size and type of component to be clamped.

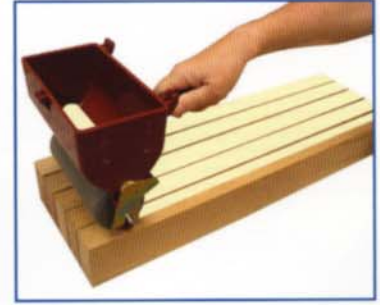


Entry Door Clamp

Designed to clamp interior and exterior doors along with large frames, this clamp has a capacity of 1220mm wide x 3050mm long x 50mm thick (48" x 120" x 2"). It incorporates 4 pneumatic draw clamps to clamp across the rails and 2 pneumatic cross clamps for the stiles. All clamps can be quickly and easily positioned for different design and sizes of doors. It also has a removeable centre bar to permit double frame loading.

Glue Applicators

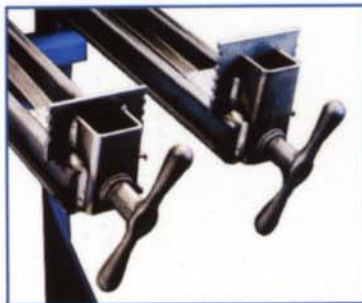
We are able to supply a variety of PVA glue applicators. These include the Redi Spreader and Plate Spreader which both provide an efficient spread of adhesive. A perforated aluminium glue grid rises from an aluminium container by a foot activated pedal. The operator then places the components to be glued 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"). Alternatively there is a hand roller glue applicator that has a rubber glue roller up to 150mm (6") wide. 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 20 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

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