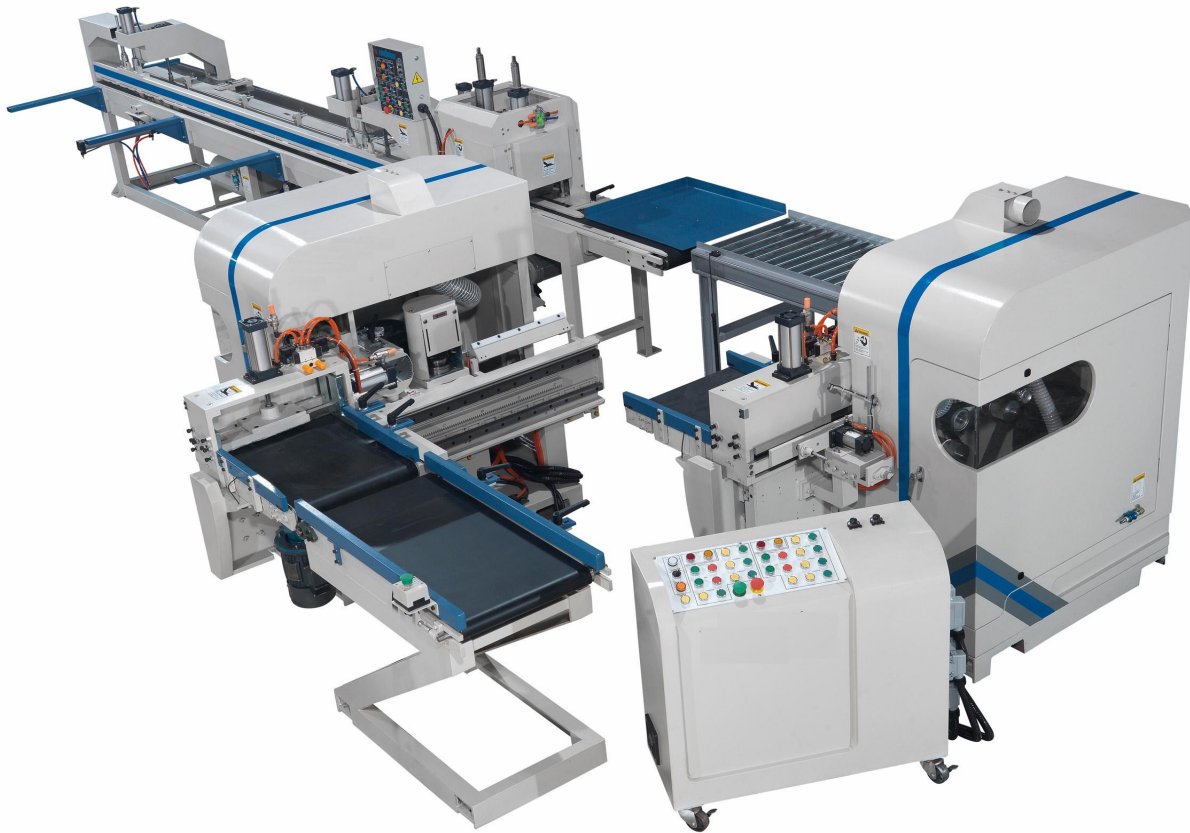




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SFJ-4-141-AUTO 4' x 141' Auto Finger Jointer System

Features:

- The fully automatic finger joint production line complete with the right hand shaper, left hand shaper, and assembler to produce the mass finger joint stocks.
- The right hand shaper performs end trimming and shaping functions on right end of sticks.
- The left hand shaper performs end trimming, shaping & gluing functions on left end of sticks.
- The two trim saws are fitted with one saw blade for cutting even end of stick, and one blade for tip break ensuring a great jointing result.
- Air-operated clamp comes down to hold sticks firmly in place. After workpiece is clamped, table starts to feed, performs trimming and shaping operations.
- The shaper spindle is precision-constructed for cutting finger shapes accurately and accommodates a maximum cutter diameter up to 6".
- The spindle height adjustment is displayed on a dial readout gauge for easy adjustment.
- The table travels on a precision linear motion guide.
- The table traverse is driven by hydraulic power system, ensuring very stable, smooth workpiece feeding. Thus, an accurate, fine cutting result is guaranteed.
- Once the right hand shaper finishes the cutting, then the conveyor table automatically transfers

the sticks to the left hand shaper and comes back to the start position for acceptance of the new sticks for work right away.

- In the meantime, when the left hand shaper finishes, the sticks will auto transfer for inspection, then be sent to assembler for assembly press to finish the cycle.
- The assembler is a very efficient automatic machine that performs three functions, jointing of sectional sticks which have been glued, cutting the jointed sticks to desired length, final assembly is securely pressed by powerful hydraulic system, then the jointed sticks are fed out regularly.
- Auto power feeder for fast feeding and auto stops at the length to be cut.
- Furnished with cutting off saw as standard equipment for cutting workpieces to the length desired.
- The maximum length of jointed stick is 16'. Other sizes are available upon request.
- The machine employs an advanced programmable logic controller for easy operation and maintenance.
- The machine's motion sequences are displayed by the signal lamps for easy checking in the event of a malfunction.

• LS-46

Table size W420-460mm , H15-75mm . L150-600m

Conveyor motor 0.375Kw (1:10)

Moving carriage HP 0.75Kw(1:10)

Figer jointer shaper HP 7.5 Kw

Saw blade HP 3.75Kw

Cycle speed 2-5/min

Gluespreader system :



• RS-46

Table size W420-460mm , H15-75mm , L150-600m

Conveyor motor 0.375Kw (1:10)

Moving carriage HP 0.75Kw(1:10)

Figer jointer shaper HP 7.5Kw

Saw blade HP 3.75Kw

Cycle speed 2-5/min



• Z-46

Table size W460xL890mrr

Conveyor motor 0.375Kw (1:10)

• FJ-36

Working dimension L3600xW75xT75mm

Motor of hydraulic pump 3.75 Kw

Motor of cut-off saw 3.75Kw

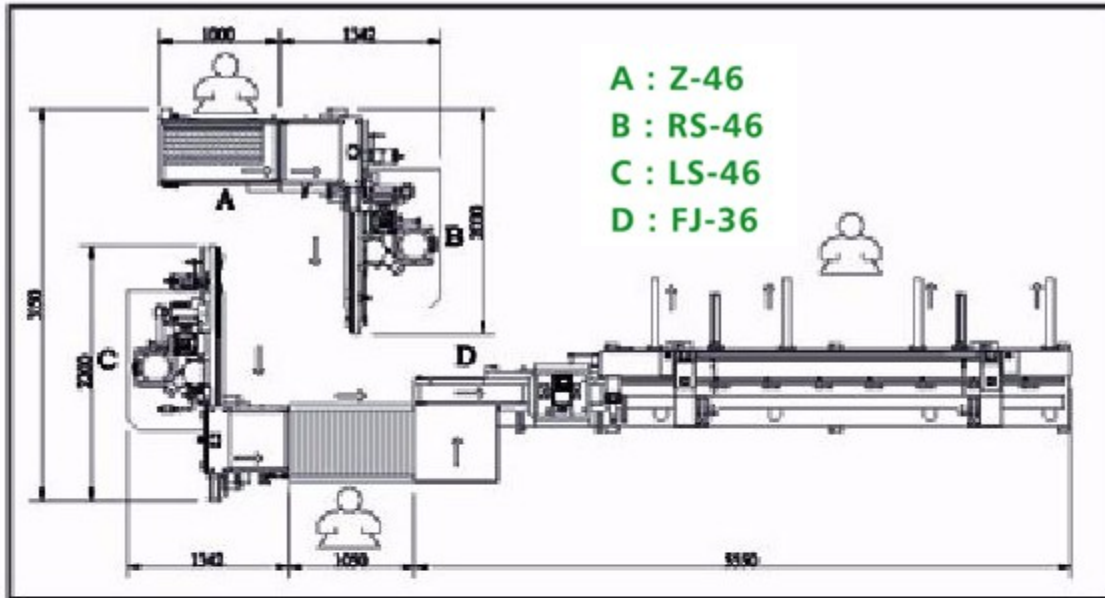
Conveyor motor 0.75Kw (1:15)

Up/down in feed roller HP 0.75Kw(1:15)x2

Inverter 3.75Kw



(Training and installation, tooling & rigging are optional)
 (Customer is responsible for local regulations and connecting utilities)

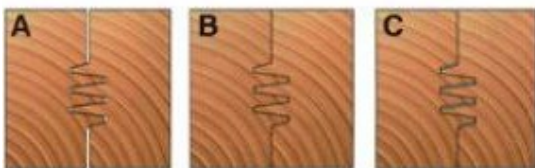


As the market mainstream, then research the variety finger joint models to meet market demands. and provide different customer's special requirements, develops the multiple coordinate mode.

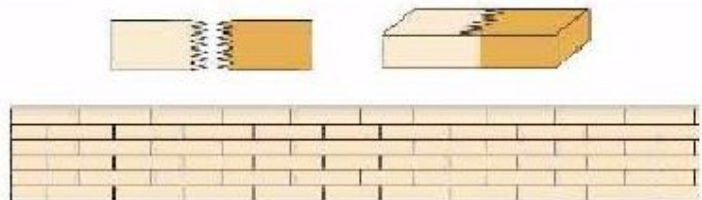
Unlike in the past perfect choice finger joint system, specializes in a more excellent design of finger joint machine, with the consummate definite technique, provided the best character and service.

Latest research and development was "Furnimate" in the SAT types products, it is applied to an unprecedented new concept, CNC and precision assembly technology and the precise construction, combined with the finger joint system, so that means promote the product to upgrade to another higher state, processing speed, accuracy far better than any other Asian models.

In terms of quality, productivity and performance is greatly enhanced, and obtains Europe and Japan ...etc other national approbation, and then use the Furnimate produces high-speed finger jointing systems.



• Loose joint • Regular joint • Tight joint



Finger Joints Station Detail

Hold Down Press:

1. The Side Press will come in first to align the material first then backward.
2. The Top Press come down to hold the material.
3. The Side Press coming again to firmly hold the material



Saw & Hogging Station:

- Saw blade to cut off the material:
(10" Dia x 100T x 50 mm Arbor)
- Hogging Cutter to chipping the extra material:
(10" x 12T x 1" Arbor)



Shaper Station:

Finger Shaper Cutter to make finger at end of the material.



(Optional: Glue Injection Spreader Station)

Pneumatic action glue injector to apply / spread the glue into the fingers for ready to use finger jointer press.

