

Finger jointing lines

Clamp carrier

Rotary composer

Auto stacking machine

Double end tenoner

Glue spreader system

Customized system

About us:



KTCC woodworking machinery company established in 1983 by Kevin Chen from Kaohsiung, Taiwan. We have more than 30 years of experience in machinery field with over thousands of machine running worldwide and continuously offer our experience and expertise knowledge for individual needs.

KTCC is specialized in solid wood industry machinery products such as finger jointing lines, clamp carriers, rotary press, double end tenoners, and automation handling system. We design, manufacture and development our products completely by ourselves which given us the opportunity of fast full service. Always a step ahead of others by continuously innovation and development of new generation product.





CLAMP CARRIER
1983



VERTICAL FINGER JOINTING
LINE
1989



HORIZONTAL FINGER
JOINTING LINE (DOUBLE CHAIN)
1989



ROTARY COMPOSER
1991



AUTO CUT-OFF MACHINE
1996



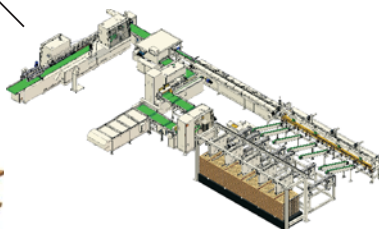
HORIZONTAL FINGER
JOINTING LINE (SINGLE CHAIN)
2002



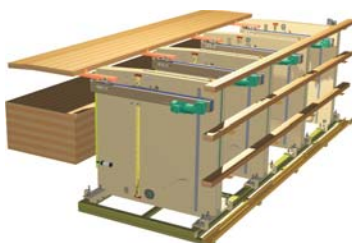
DOUBLE END TENONER
2003



THIN-CUTTING FRAME SAW
2009



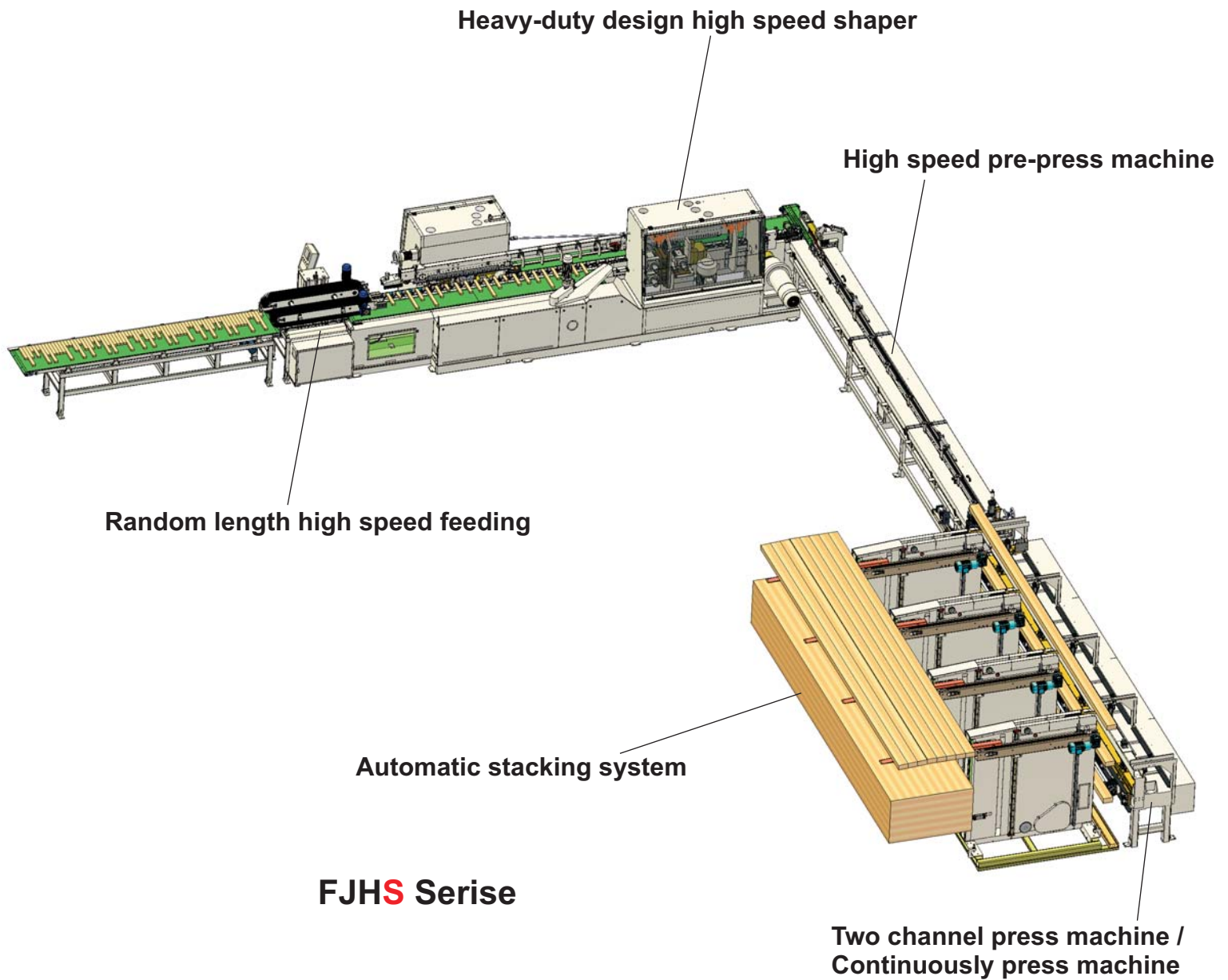
WORLD 1ST COMBINATION
FINGER JOINTING LINE
2011



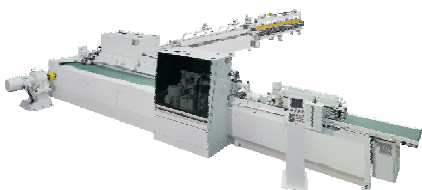
AUTOMATIC STACKING SYSTEM
2017



Finger Jointing Lines



High Speed Horizontal Finger Jointing line



Model: FJHS series

Horizontal finger jointing lines.

Maximum up to 120pcs / 180pcs per minute.

Random length automatic in-feed system (optional).

Automatic stacking system (optional).

Computerized monitoring function.

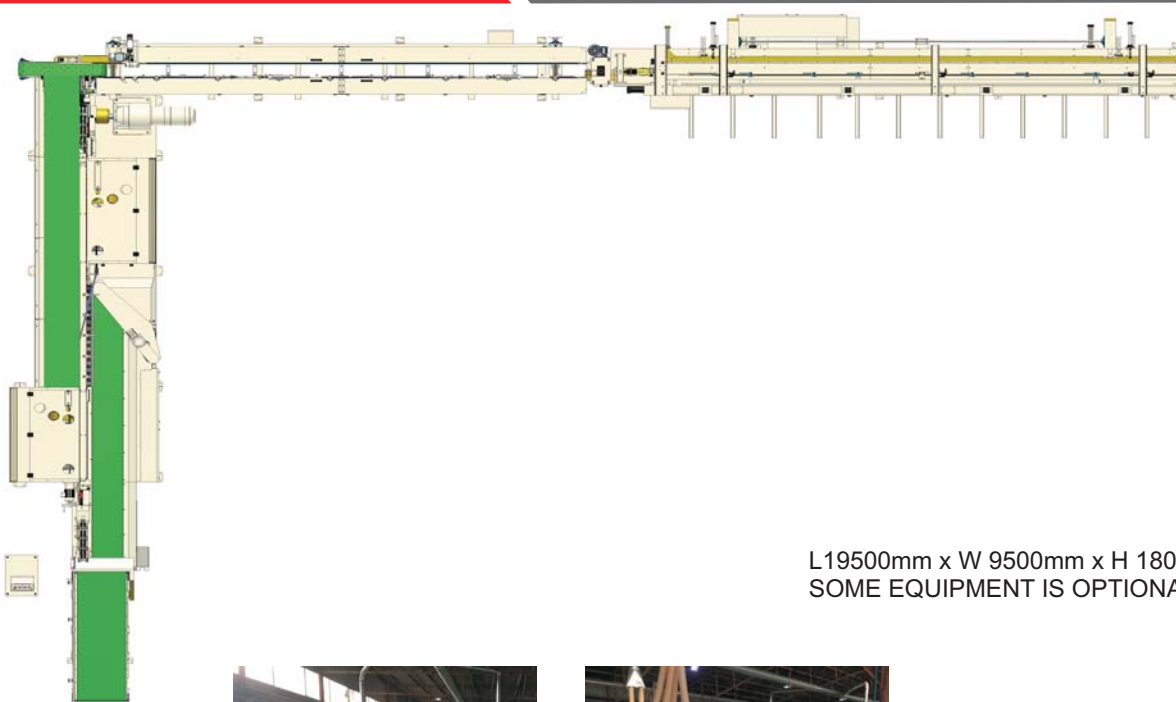
High performance system for high production requirements.

Heavy-duty design.

Specifications

WORKPIECE LENGTH	150~750mm
WORKPIECE WIDTH	30~150mm
WORKPIECE THICKNESS	18~65mm
SHAPER TYPES	HORIZONTAL SINGLE TIMBER SHAPER
AUTO CORNER TRANSFER	AUTOMATIC
PRESS MACHINE	TWO CHANNEL / CONTINUOUSLY PRESS
TYPE OF GLUE SYSTEM	INJECTION TYPE / ROLLER TYPE
LENGTH OF PRE-PRESS MACHINE	6000mm
LENGTH OF PRESS MACHINE	6200mm
MAXIMUM CAPACITY	120 (180) pcs/min.

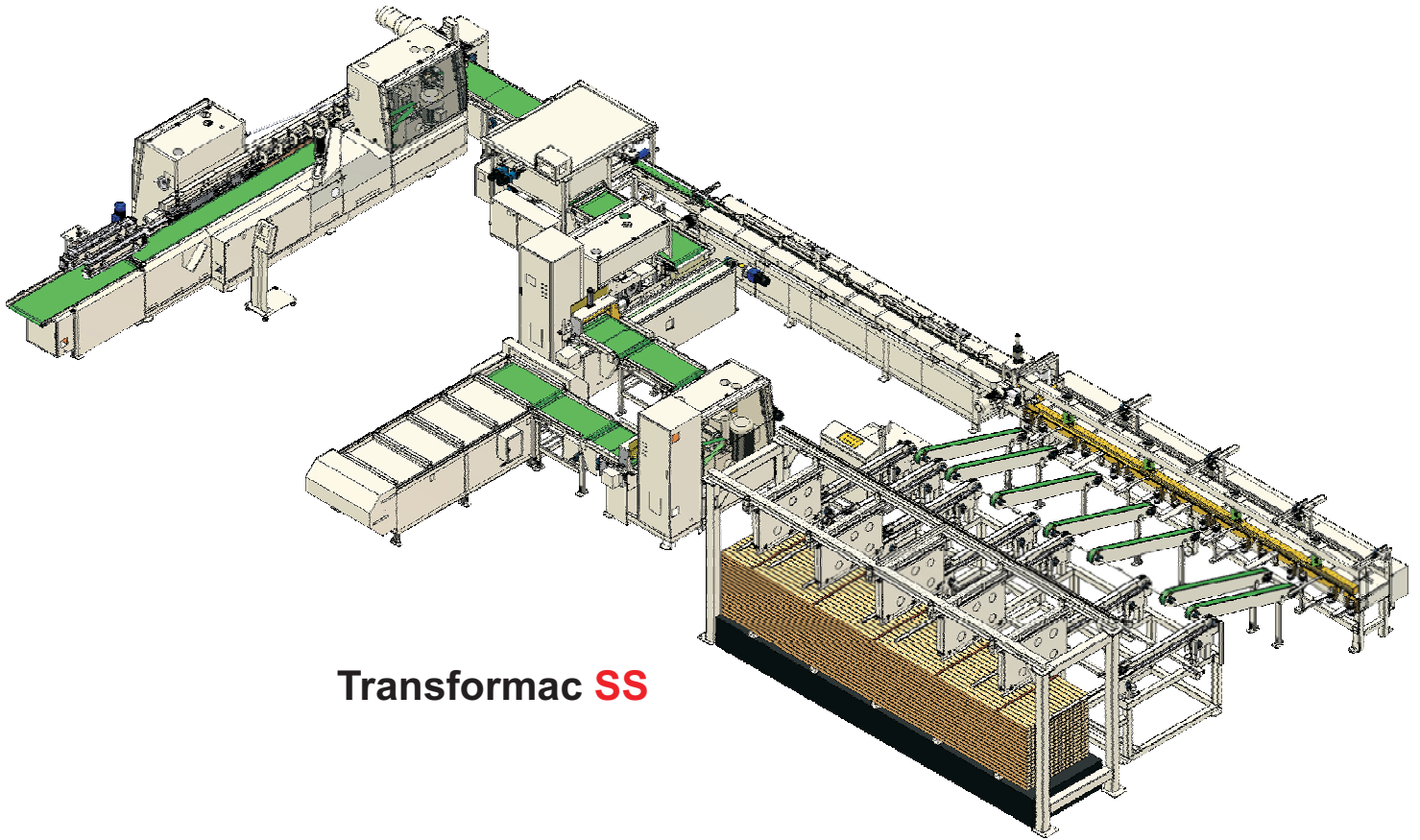
Machine Layout:



L19500mm x W 9500mm x H 1800mm
SOME EQUIPMENT IS OPTIONAL



Finger Jointing Lines



Transformac SS



Combination Finger Jointing line

Model: Transformac SS

Integrated vertical finger shaper and horizontal finger shaper.

Intelligent servo driven line.

Computerized monitoring function.

Fully automatic modular design.

Automatic stacking system for reduce labor cost.

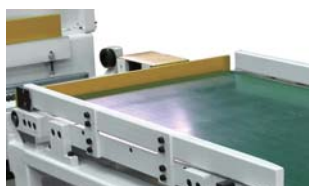
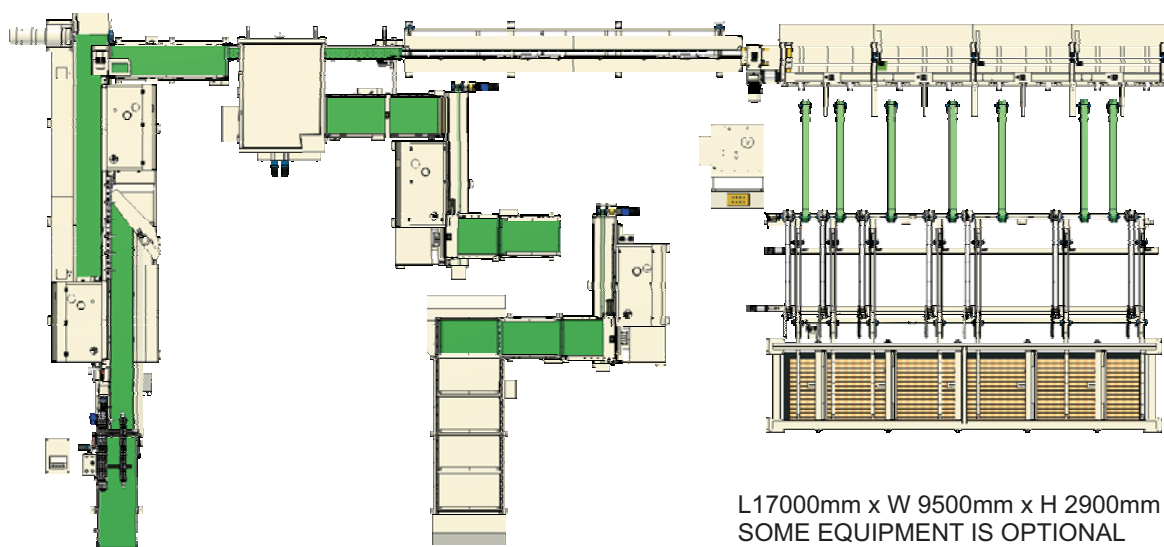
High performance system for high production needs.

Heavy-duty design.

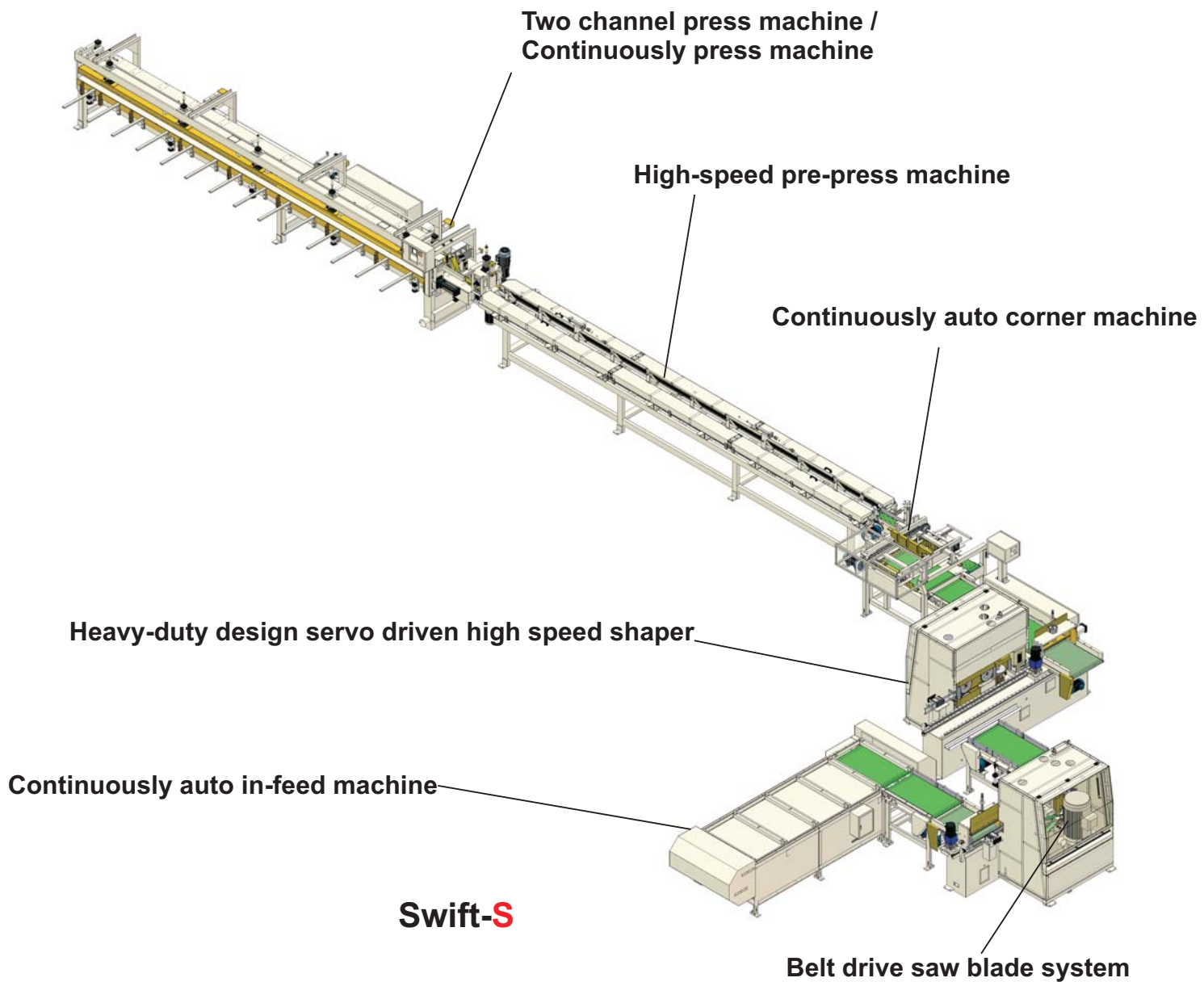
Specifications

WORKPIECE LENGTH	200~800mm / 150~750mm
WORKPIECE WIDTH	30~150mm
WORKPIECE THICKNESS	18~65mm
SHAPER TYPES	VERTICAL SHAPER / HORIZONTAL SHAPER
AUTO CORNER TRANSFER	AUTOMATIC
PRESS MACHINE	TWO CHANNEL / CONTINUOUSLY PRESS
TYPE OF GLUE SYSTEM	INJECTION TYPE / ROLLER TYPE
LENGTH OF PRE-PRESS MACHINE	6000mm
LENGTH OF PRESS MACHINE	6200mm
MAXIMUM CAPACITY	UP TO 8 CYCLES / MIN.

Machine Layout:



Finger Jointing Lines



High Speed Finger Jointing Line



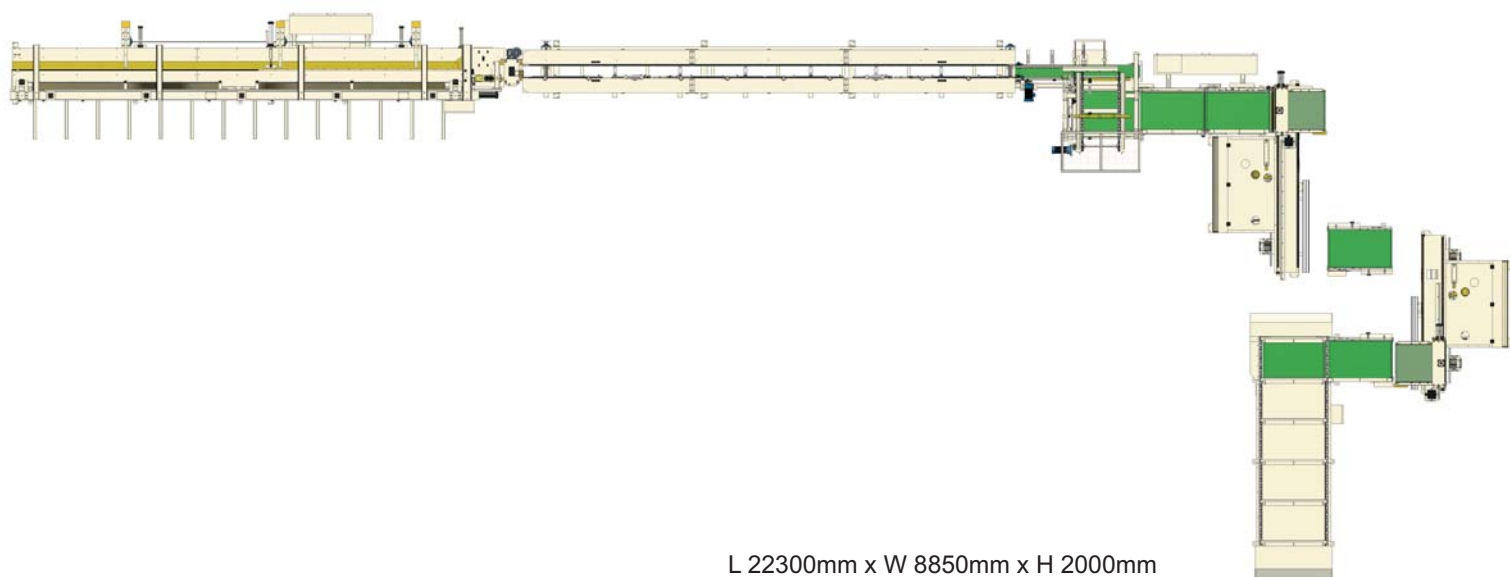
Model: Swift-S

High performance finger jointing line.
Intelligent servo driven line.
Computerized monitoring function.
Continuously auto corner transfer machine.
Fully automatic modular design.
Heavy duty structure.

Specifications

WORKPIECE LENGTH	200~800mm
WORKPIECE WIDTH	30~150mm
WORKPIECE THICKNESS	18~65mm
SHAPER TYPES	VERTICAL & HORIZONTAL (PACKAGE TYPE)
AUTO CORNER TRANSFER	AUTOMATIC
PRESS MACHINE	TWO CHANNEL / CONTINUOUSLY PRESS
TYPE OF GLUE SYSTEM	INJECTION TYPE / ROLLER TYPE
LENGTH OF PRE-PRESS MACHINE	6000mm
LENGTH OF PRESS MACHINE	6200mm
MAXIMUM CAPACITY	UP TO 8 CYCLES / MIN.

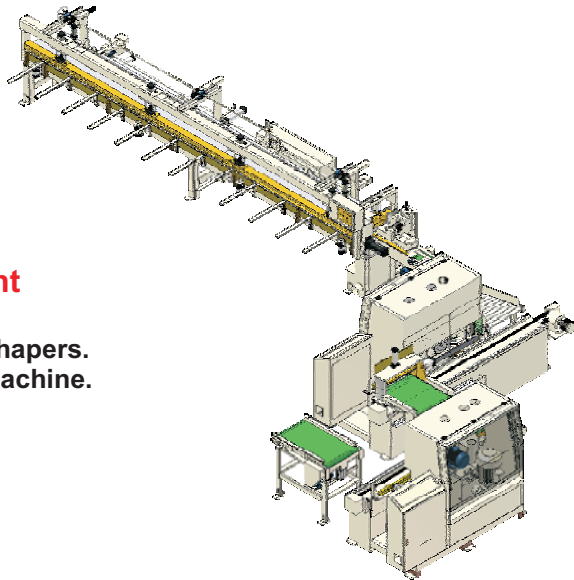
Machine Layout:



Finger Jointing Lines

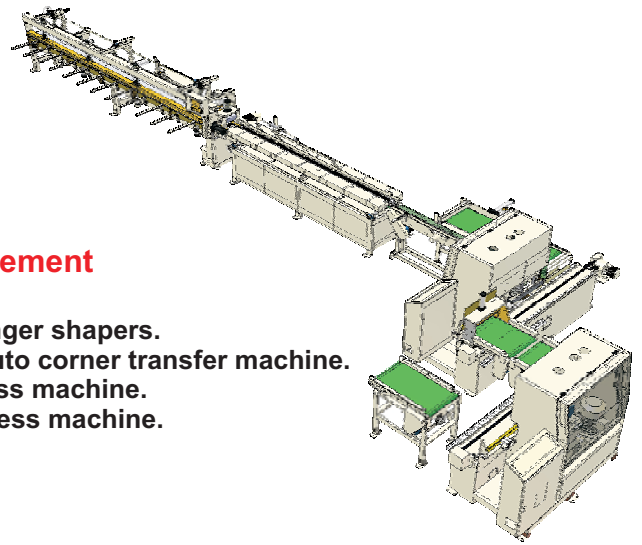
2nd Element

Auto finger shapers.
Auto press machine.



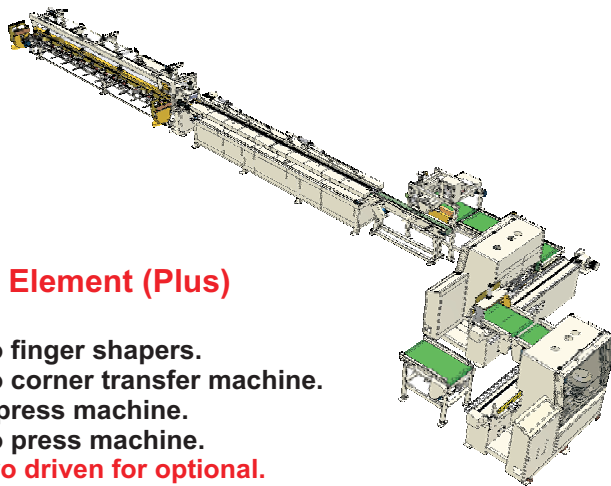
3rd Element

Auto finger shapers.
Semi-auto corner transfer machine.
Pre-press machine.
Auto press machine.



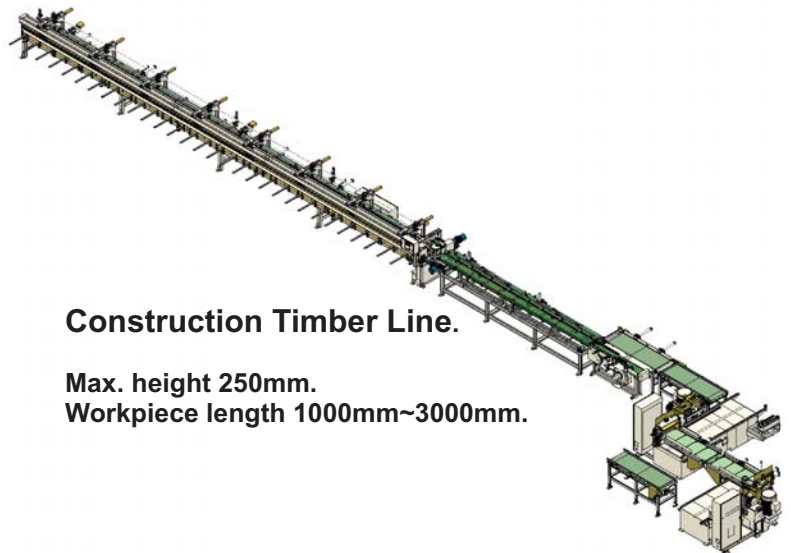
4th Element (Plus)

Auto finger shapers.
Auto corner transfer machine.
Pre-press machine.
Auto press machine.
Servo driven for optional.



Construction Timber Line.

Max. height 250mm.
Workpiece length 1000mm~3000mm.



Finger Jointing lines



Model: Element series

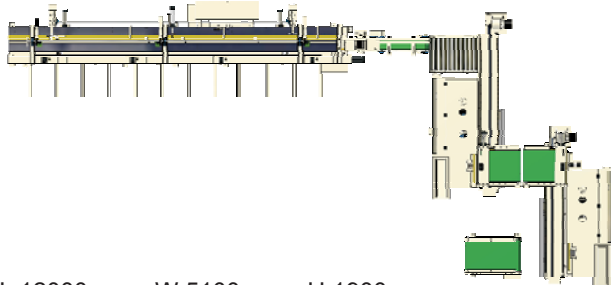
Reasonable prices and performance.
Two shaping unit combination.
Servo driven system (optional).
Automatic or fully automatic operations.
Heavy-duty design finger jointing line.

Specifications

MODEL	2nd Element	3rd / 4th Element	4th Element Plus
WORKPIECE LENGTH	150~750mm	150~750mm	150~750mm
WORKPIECE WIDTH	30~150mm	30~150mm	30~150mm
WORKPIECE THICKNESS	18~65mm	18~65mm	18~65mm
SHAPER TYPES	VERTICAL & HORIZONTAL	VERTICAL & HORIZONTAL	VERTICAL & HORIZONTAL
AUTO CORNER TRANSFER	N/A	AUTO / FULLY AUTO	FULLY AUTOMATIC
PRESS MACHINE	TWO CHANNEL	TWO CHANNEL	TWO CHANNEL
TYPE OF GLUE SYSTEM	INJECTION / ROLLER	INJECTION / ROLLER	INJECTION / ROLLER
LENGTH OF PRE-PRESS MACHINE	N/A	4000mm (6000mm)	6000mm
LENGTH OF PRESS MACHINE	5200mm (6200mm)	5200mm (6200mm)	5200mm (6200mm)
MAXIMUM CAPACITY (CYCLES/MIN)	2~4	2~4	3~6 (SERVO)

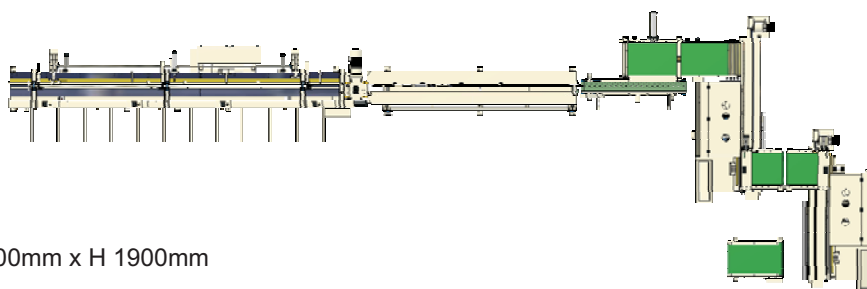
Machine Layout:

2nd Element



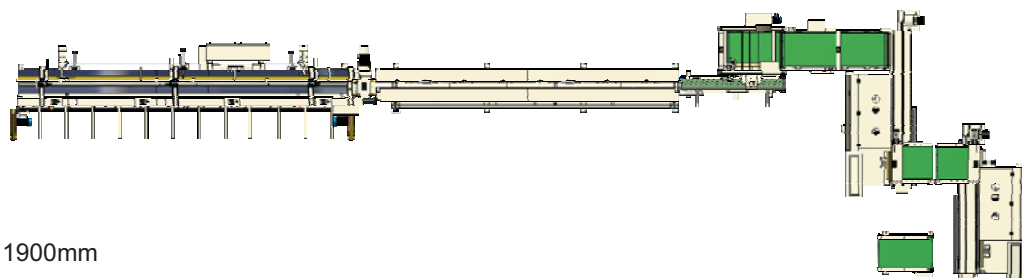
L 12000mm x W 5100mm x H 1900mm

3rd Element



L 17000mm x W 5100mm x H 1900mm

4th Element / Plus

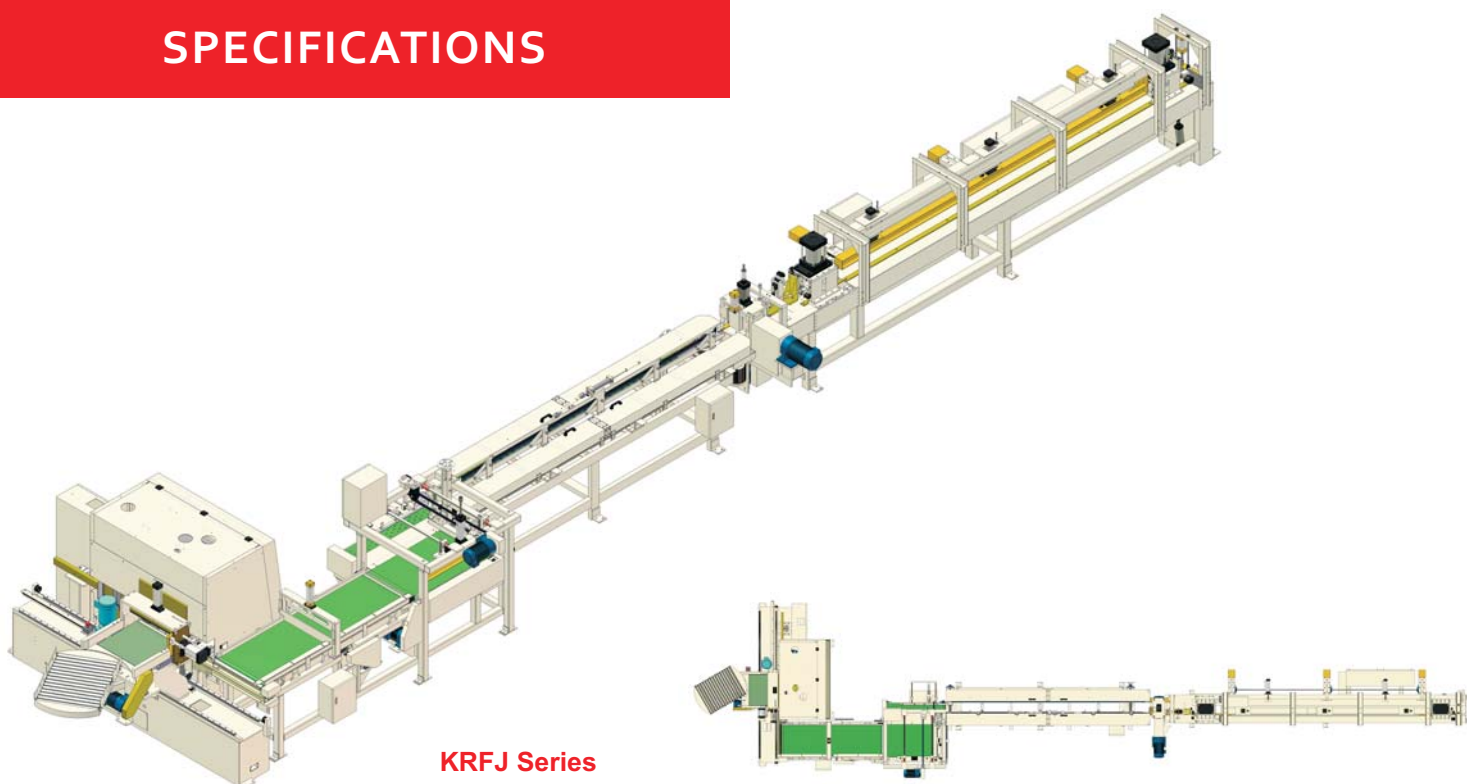


L 20000mm x W 5100mm x H 1900mm

Economic Type Finger Joint

WORKPIECE LENGTH	1000mm~1500mm
WORKPIECE WIDTH	30~150 (250) mm
WORKPIECE THICKNESS	18~65mm
FINGER SHAPER TYPES	PACKAGE TYPE
TURNING TABLE	SEMI-AUTO / FULLY AUTO
GLUE APPLICATION	INJECTION / ROLLER

SPECIFICATIONS



Construction Finger Joint Line

Model: KRFJ Series

Economic type turntable finger jointing system.

Semi-auto to fully auto system.

Specialized for constructional timber.

Workpiece length 1000mm~1500mm and thickness 250mm.

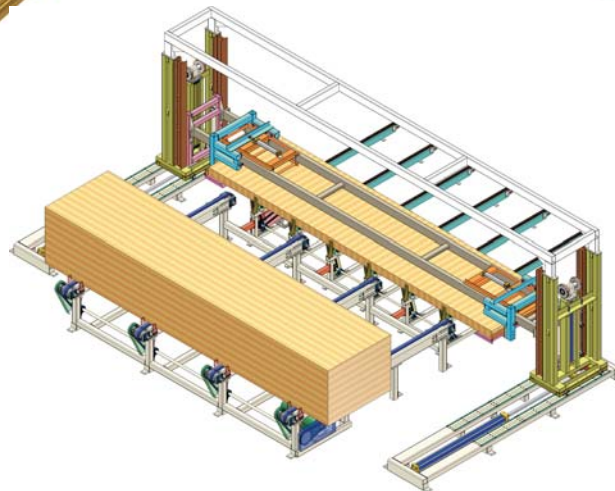
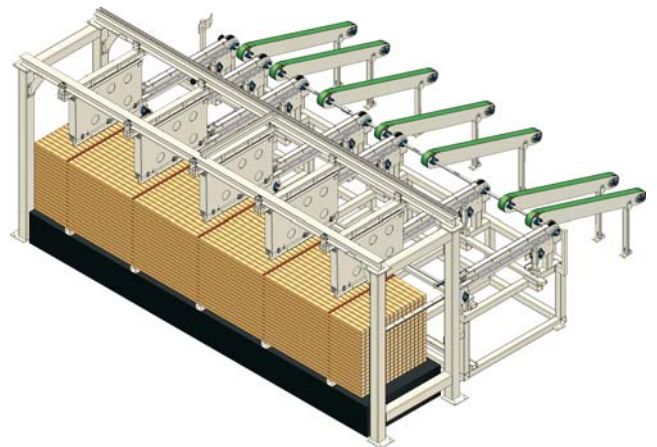
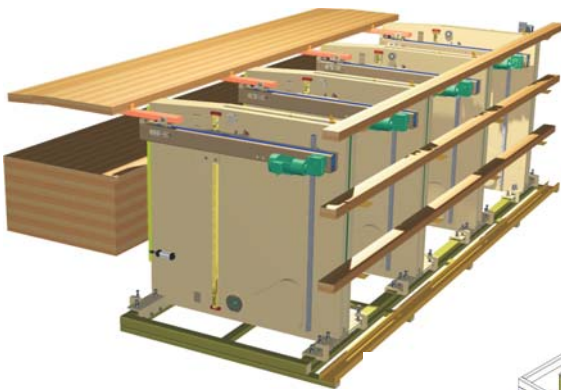
Endless press machine for optional.

Automatic Stacking

Model: KT-Stack series

- Suitable for following machines:
finger jointing machine, 4-side moulder
Cross-cut saw, sawmill machine, etc.
- Reduce labor costs.
- Increase the productivity of main system
- Starting from 6000mm to 18000mm

WORKPIECE LENGTH	1200~6200mm (18000mm)
WORKPIECE WIDTH	30~200mm
WORKPIECE THICKNESS	20~75mm
Capacity	5 layers / min
PACKAGE WIDTH	1200mm
PACKAGE HEIGHT	1200mm



Glue Application



KGSR

Roller type glue spreader
Working width: 600mm,
1000mm, 1300mm,
1600mm.....



KGSR+AGC-2001L

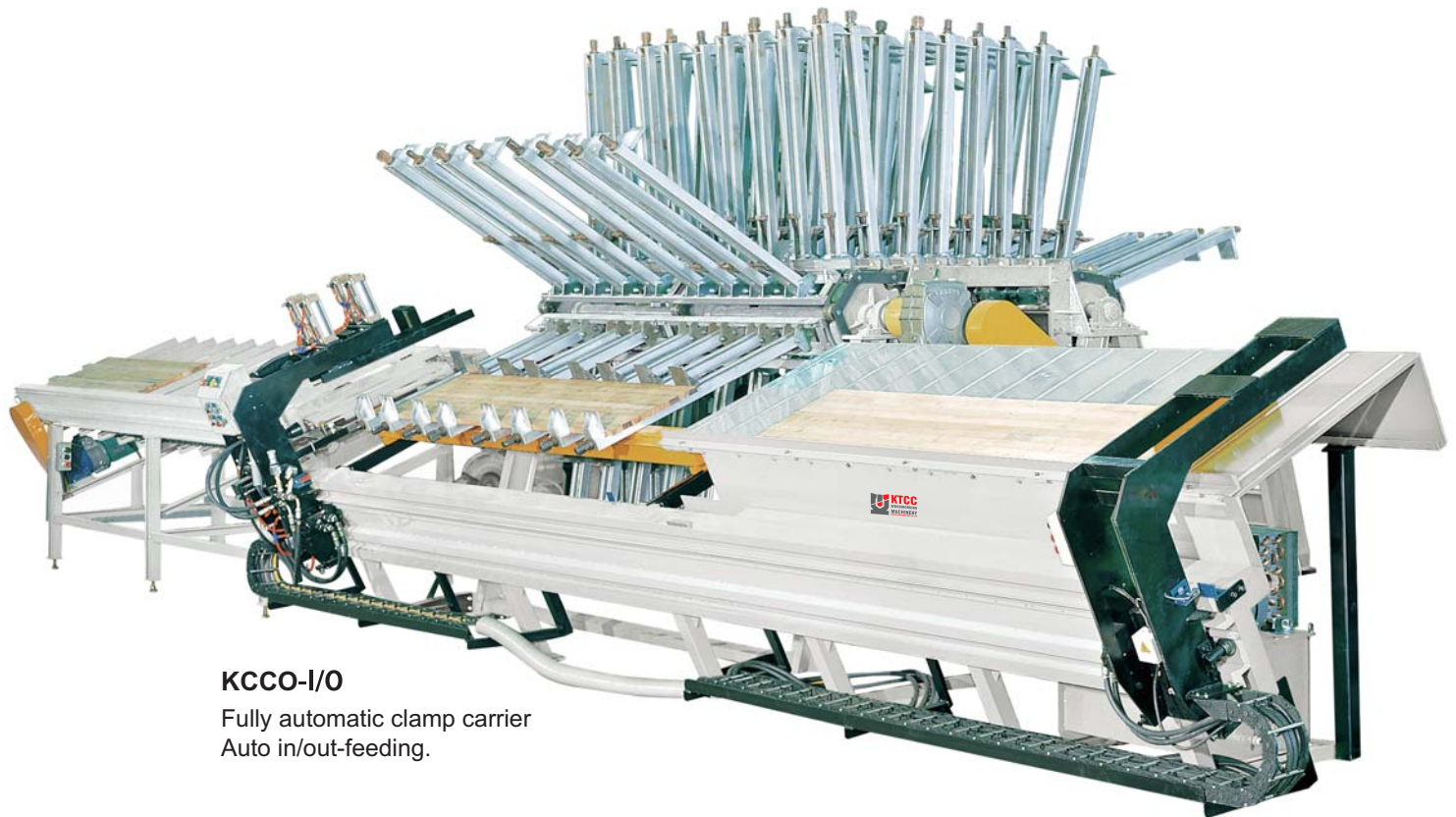
**Automatic glue and
hardener mixer.**



KGS

Chain type glue spreader
L3000mm * W300mm

Clamp Carrier



KCCO-I/O

Fully automatic clamp carrier
Auto in/out-feeding.



KCC

Pneumatic clamp carrier.



KCCMO

Hydraulic clamp carrier.



KCCMO/H

Heavy duty hydraulic clamp carrier.



KCCO

Automatic hydraulic clamp carrier.

KCCO-DUAL (NEW RELEASED)

Dual automatic clamp carrier.



Clamp Carrier

Model: KCC / KCCMO(G) / KCCMO-H / KCCO

The largest edge gluing machinery in Taiwan.

Over 900 clamp carriers sold worldwide.

Available in pneumatic system and hydraulic system.

Simple operation and high reliability.

Specifications

MODEL	KCC	KCCMO(G)	KCCMO/H	KCCO
CLAMPING SYSTEM	PNEUMATIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
OPERATION MODE	SEMI-AUTO	SEMI-AUTO	SEMI-AUTO	FULLY AUTO
WORKING SECTIONS	6 / 12 / 20 / 30 / 40 / MORE	6 / 12 / 20 / 30 / 40 / MORE	6 / 12 / 20 / 30 / 40 / MORE	6 / 12 / 20 / 30 / 40 / MORE
CLAMP OPENING (mm)	750 (30") / 950 (38") / 1100 (44") / 1200 (50") / 1300 (52") / MORE			
WORKING WIDTH (mm)	2500 (100") / 3100 (125") / 3800 (150") / 4500 (175") / MORE			
WORKING THICKNESS (mm)	STANDARD 12~100 / MORE (OPTIONAL)			
TOP PRESSING & TIGHTENER	SEPARATED	SEPARATED	INTEGRATED	INTEGRATED



Pneumatic type (KCC)



Hydraulic type (KCCMOG)



Hydraulic type (KCCMO)



Hydraulic type with top press cylinders (KCCMO/H)

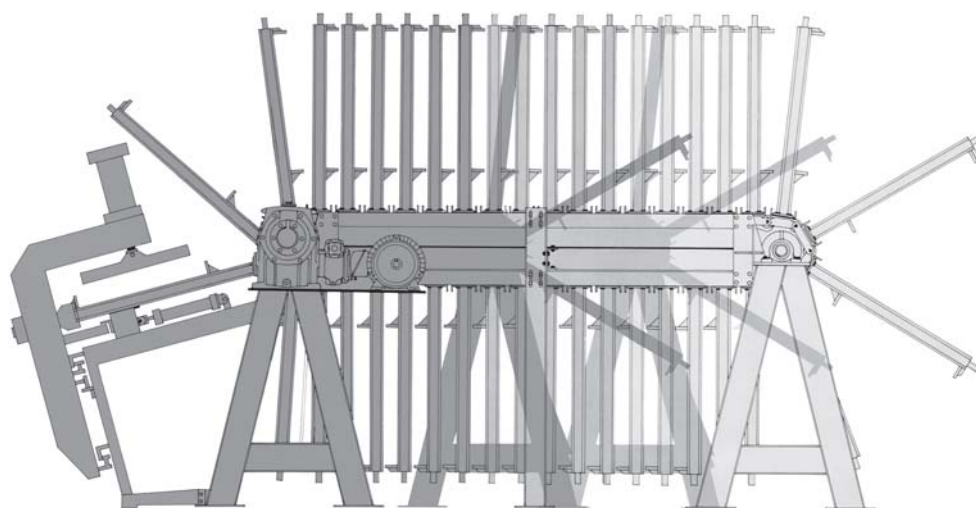


Fully auto robotic arm (KCCO)



Digitalized hydraulic clamp carrier.
Automatic pressure calculation.
Fully auto operation.

Machine Layout:

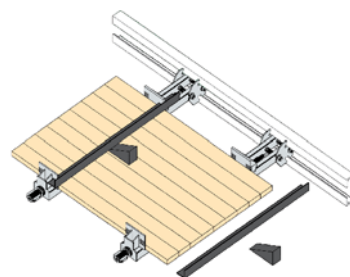


6
12 Section

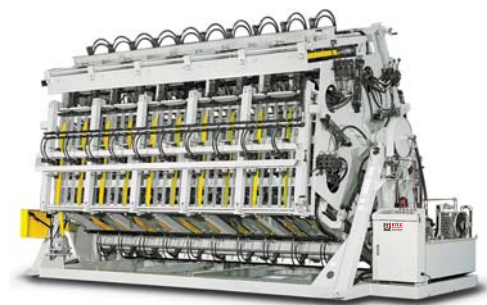
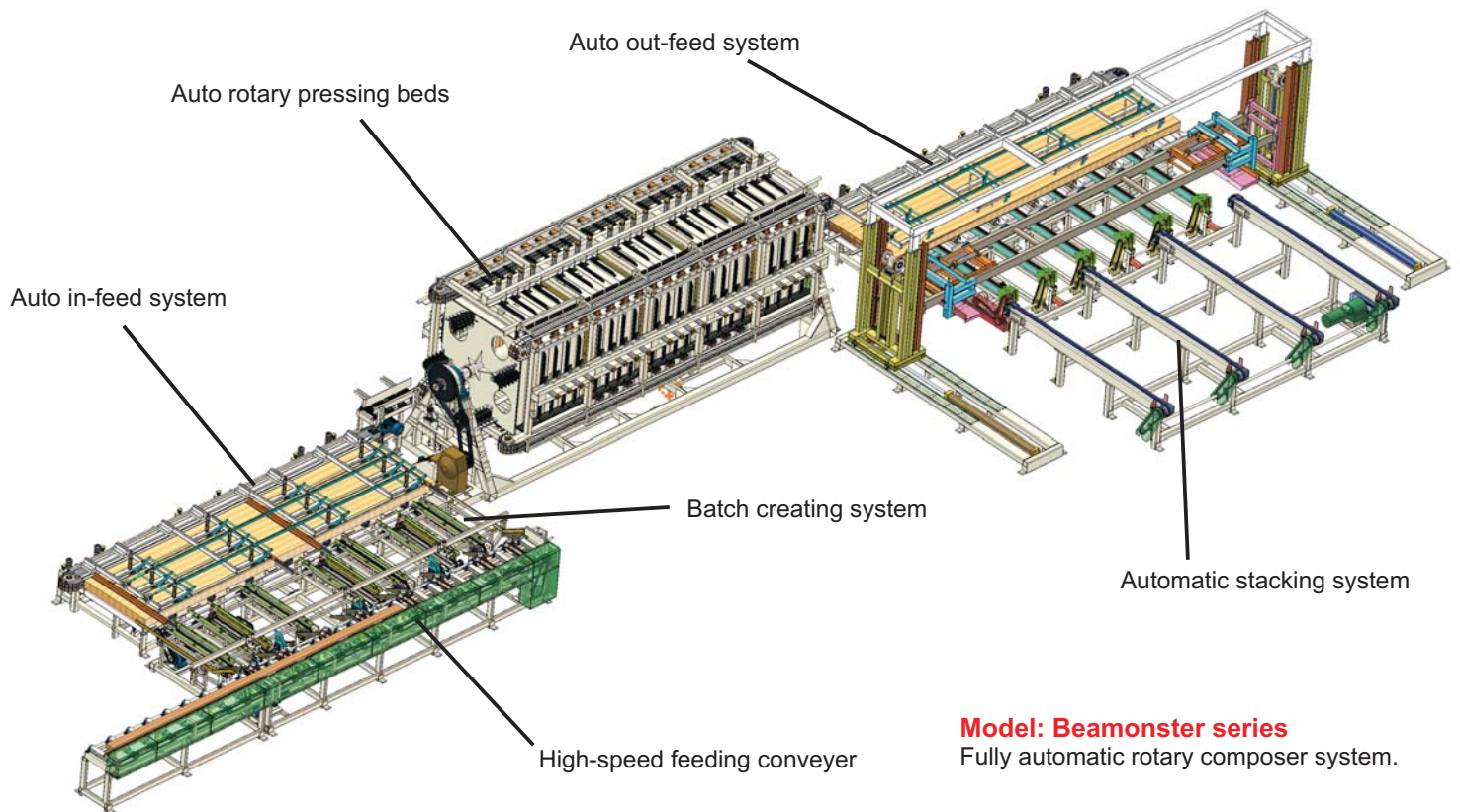
20 Section

30 Section

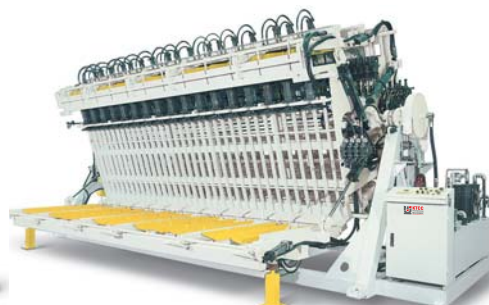
40 Section



Rotary Composer



KRC series



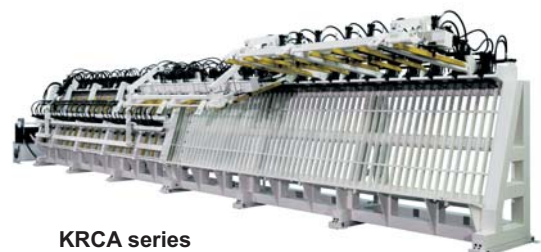
KRCD series



KRCA series



KVCD series



KRCA series

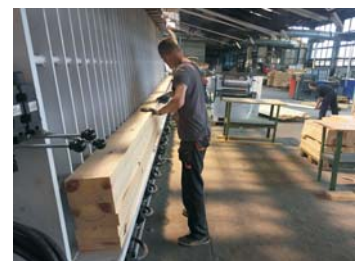
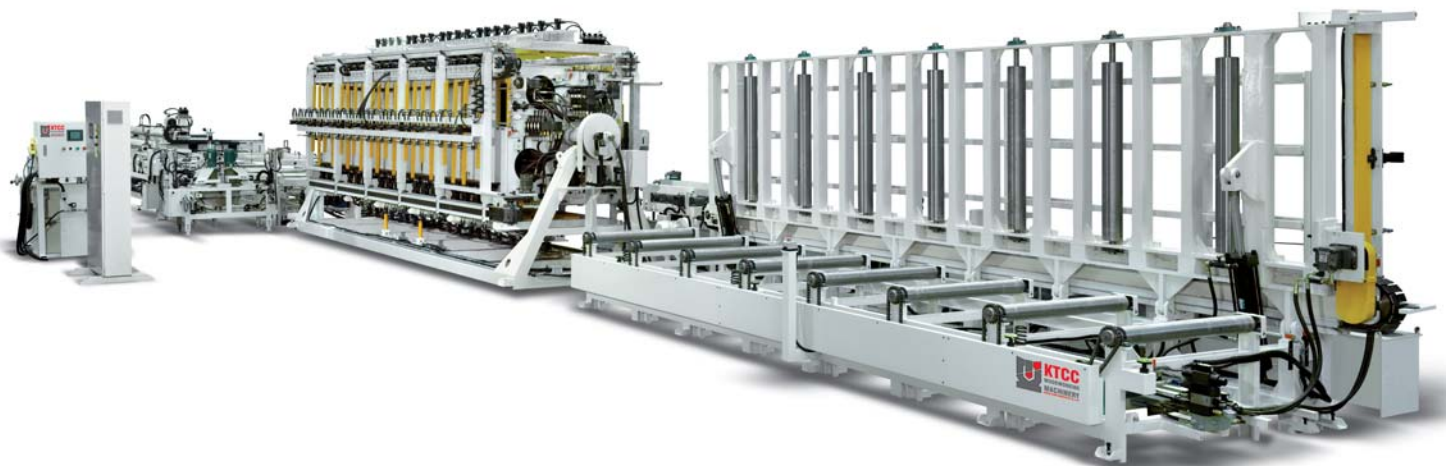
Rotary Composer

Maximum up to 4 pressing beds with powerful hydraulic system.
Completely automatic line from feeding to auto stacking.
Heavy-duty design with high quality standard.
Suitable for producing beams, furniture, boards and construction material.

Specifications

MODEL	KRCA / KVCD	KRCS / KRC	KRCD
DOOR OPENING DIRECTION	UPWARD	UPWARD	DOWNWARD
PRESSING BEDS	1 / 2	4	4
WORKPIECE LENGTH (mm)	2500 / 3100 / 4600 / 5200 / 6200	2500 / 3100 / 4600 / 5200 / 6200	2500 / 3100 / 4600 / 5200 / 6200
WORKPIECE WIDTH (mm)	1000 / 1300	1000 / 1300	1000 / 1300
WORKPIECE THICKNESS (mm)	100 / 150 / 200 / 250	100 / 150 / 200 / 250	100 / 150 / 200 / 250
CYLINDER DISTANCE (mm)	450 / 300	450 / 300	450 / 300
MAX. PRESSURE	140 / 210 KG/CM ²	140 / 210 KG/CM ²	140 / 210 KG/CM ²

Machine Layout:



Double End Tenoners



Double End Tenoners

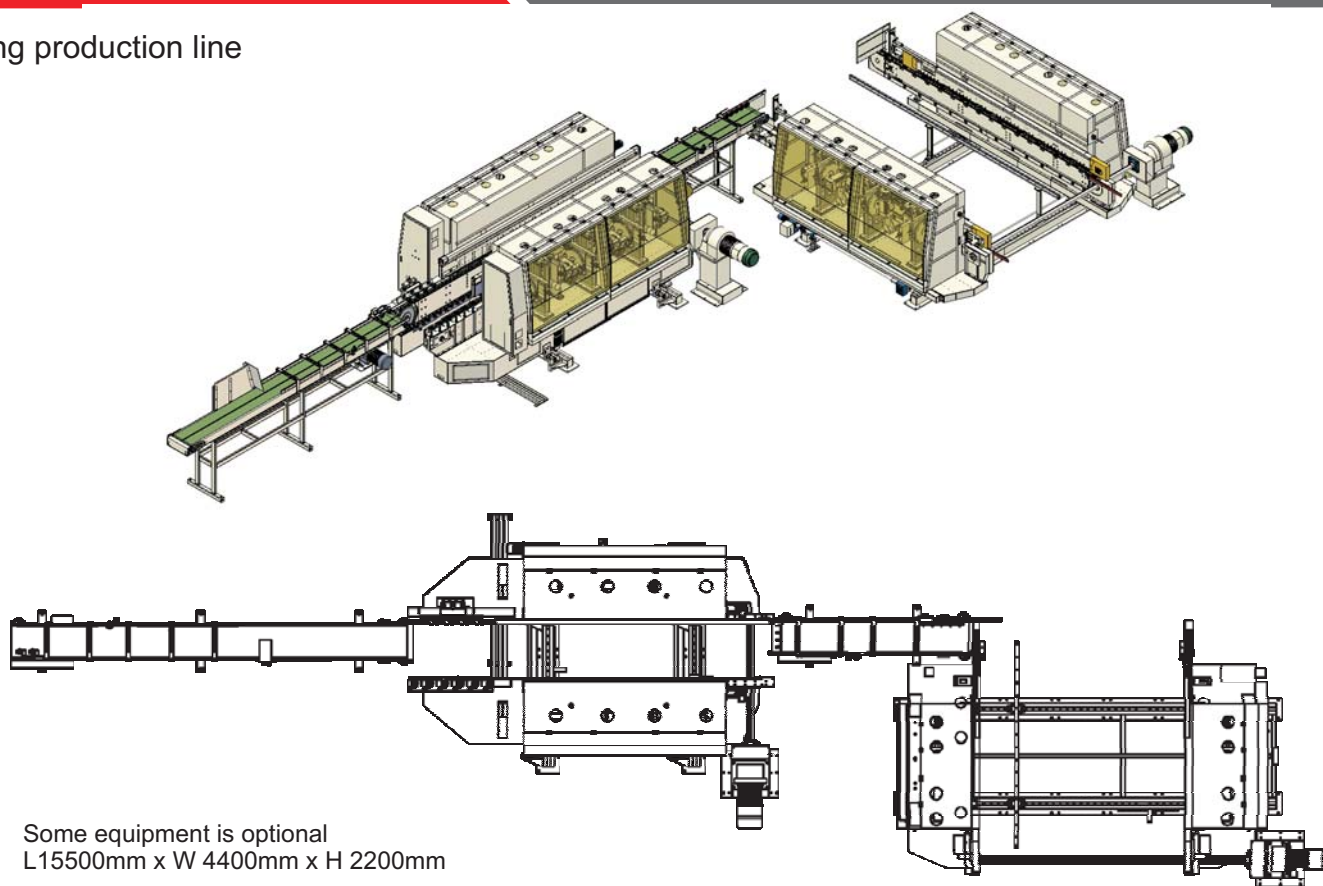
All fields of application for double end tenoners, such as flooring, sizing, profiling and grooving. One transverse and one longitudinal combination can be integrated for a completely automation line. Offer bearing chain system. Minimized wear and long life. Offer jumping function to avoid tears. Maximum up to 65m/min (120m/min) for high-end double end tenoner

Specifications

MODEL	STANDARD	NARROW
WORKING WIDTH	180mm	70 (65) /90mm
WORKING THICKNESS	8~35 (60)mm	8~35 (60)mm
DOGS SPACE (STANDARD)	N/A / Optional 400mm	N/A / Optional 400mm
VARIABLE FEEDING SPEED	5~35m/min (60m/min)	10~65m/min (120m/min)
BEARING CHAIN SYSTEM	OPTIONAL	OPTIONAL
NUMBER OF CUTTING MOTORS	UPON REQUEST	UPON REQUEST

Machine Layout:

Flooring production line



Type of modular arrangement:



01A



01B



02



Jumping function



CHUAN CHIER INDUSTRIAL CO., LTD.
KOON TUOH MACHINERY CO., LTD.

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坤 拓 機 械 有 限 公 司

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