

**CKM**<sup>®</sup>  
Quality & Service

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# Manual Finger Jointin System



FJ-16

**A super economy priced!**

**Turn your wood waste into valuable reclamation!**

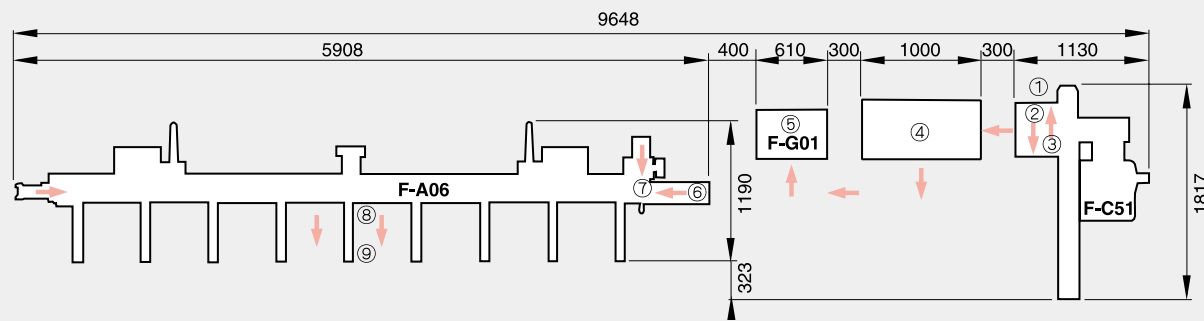
# FJ-16 Manual Finger Jointing System

**A super economy priced! Turn your wood waste into valuable reclamation!**

Based on the corporate philosophy of continuous breakthrough and innovation since its establishment 15 years ago, CHENG KUANG has dedicated itself to the research and development of various finger jointing systems. Nowadays, we are proudly introducing an whole new manual operated finger jointing

system. This FJ-16 jointing system is engineered with the traditional CKM quality, and the super economy priced. It is affordable for any wood products manufacturer. So turn your wood waste into valuable material and create added profits with CKM FJ-16 Manual Finger Jointing System.

## MACHINING SEQUENCE FLOW CHART



**1** Material loaded on table.  
Material quality may be inspected at this time.

**2** Perform trimming and shaping operations on left end of workpiece.

**3** The operator change the material to right end for trimming and shaping operations.

**4** After both ends of tenon have been cut, place the workpieces on the table waiting for gluing jobs.

**5** Performing hand gluing operations on F-G01.

**6** The operator feeds workpiece to finger assembler (F-A06) for jointing operations.

**7** Cut the workpiece to a desired length.

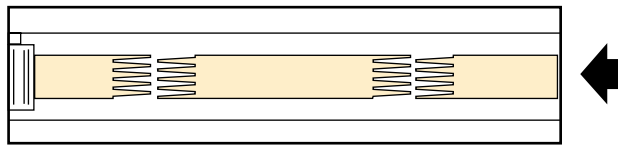
**8** Finger assembler performs jointing jobs.

**9** Final products outfeed and stay for a while for drying.

# F-A06

## FINGER ASSEMBLER

- The unit is suited for jointing two short sticks end to end for producing a longer one, up to 4.5 meters in length.
- Except the material infeed and cut off are operated manually, entire jointing motions are automatically operated.
- Powerful hydraulic system provides extremely secure jointing results.

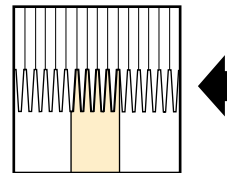


Feed workpiece into the finger assembler.

# F-G01

## HAND GLUING UNIT

- The unit is designed for gluing the finger tenons before assembling, that greatly upgrades the jointing result..
- The unit is operated manually.
- Maximum width of gluing is 152 mm.

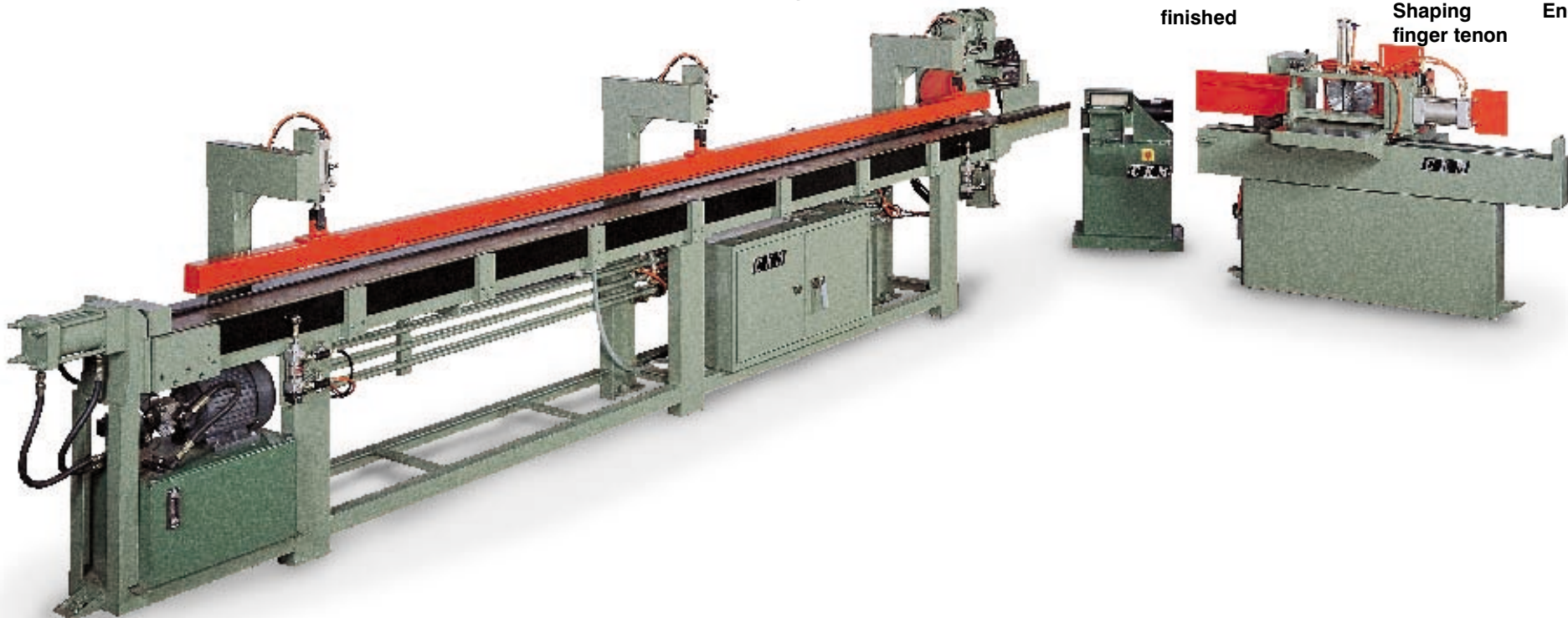
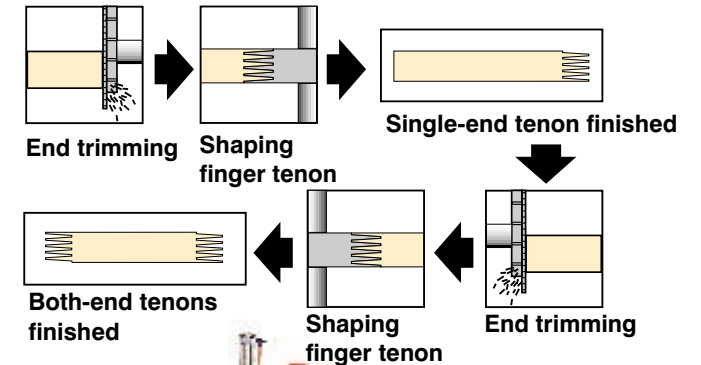


Hand gluing operations.

# F-C51

## FINGER SHAPER

- Designed for shaping the right and left tenon on a workpiece.
- A hand operated model . All motions are performed manually.
- The unit is powered by pneumatic system.



## F-C51 FINGER SHAPER

Max. available width working table	450 mm
Range of material length	125-1000 mm
Range of material width	30-160 mm
Trimming saw speed	2800 RPM/50 HZ, 3400 RPM/60 HZ
Scoring saw speed	5000 RPM
POWER REQUIRED	
For trimming saw	3 HP
For finger cutter	5 HP
Dust outlet diameter	6" x 1, 4" x 1
Machine dimensions (LxWxH)	1780 x 840 x 1400 mm
Packing dimensions (xWxH)	1880 x 940 x 1550 mm

## F-G01 HAND GLUING UNIT

Max. workpiece width	152 mm
APPLICATOR HEAD	
Speed	15 M/minute
Diameter	152 mm
Power required	0.094 KW
Overall dimension (LxWxH)	610 x 420 x 840 mm
Shipping dimension (LxWxH)	650 x 470 x 1000 mm
Net weight	78.5 kgs
Gross weight (With crate)	100 kgs

## F-A06 FINGER ASSEMBLER

Available length of product	4.5 M
Available thickness of product	60 mm
Available width of product	160 mm
Finger assembly pressure	0-10 kg/cm <sup>2</sup>
Hydraulic power unit	3 HP
POWER REQUIRED	
For sizing saw	2 HP
Machine dimensions (LxW x H)	5930 x 650 x 1400 mm
Packing dimensions (LxW x H)	6030 x 750 x 1550 mm

All specifications, dimensions and design characteristics are subject to change without notice.