



JIH-I MACHINERY

日意機械



JIH-CNC H



JIH-CNC M



JIH-CNC S4



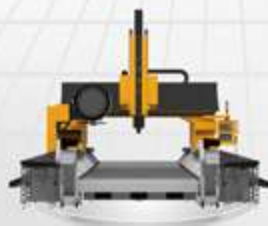
JIH-CNC E



JIH-CNC S5



JIH-CNC 48B



JIH-CNC 650G



JIH-CNC 300A

Contact us for a catalog of machining centers.



5-axis Machining Equipment
 Aluminum Machining Equipment
 Moving Column Type Machining Center
 High Precision High Production Sawing Machine
 Agency For Japanese Sawblades Cutter



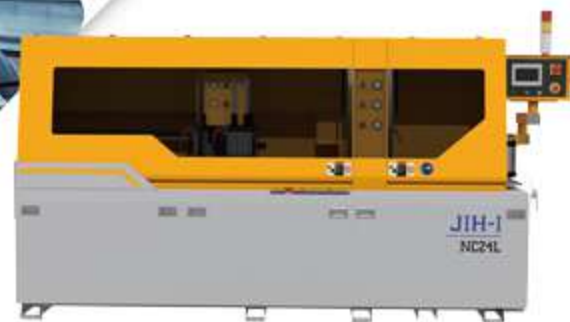
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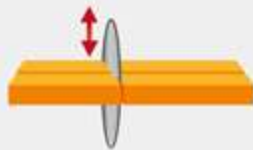
About Us JIH-I MACHINERY

Jih-I Machinery Co., Ltd. was established in 1971. The major business at the initial stage was the planning and supply of whole plant equipment. Jih-I products have been sold worldwide and fully recognized by all sectors. Since 1995, in order to meet market demands, Jih-I has dedicated itself to the research and manufacturing of high speed sawing machines, NC fully automatic high production sawing machines, CNC machining centers, single and double head sawing machines for any angle cutting, hydraulic presses, and corner jointing machines. From semi-automatic machinery to CNC fully automatic machinery, Jih-I has invested great efforts in machine research and design based on the company's concept of constant innovation. Jih-I offers diversified machinery for customers to select, and the machining range is constantly expanded.

Jih-I gradually increases its production capabilities in combination with the application of various patents, allowing us to stay competitive in the market. Jih-I's markets and production capacity are expanding continuously. In addition, we will also develop new products to meet the demands of Industry 4.0.



90° Vertical Sawing
Semi-automatic Type



JIH-18A.18C.18D.18P
JIH-24D.24CE.30D

Page: 05.06

90° Horizontal Sawing
Automatic Type



JIH-NC18LS
JIH-NC24L.NC30L.NC36L
JIH-NC24LS.NC24LBS
JIH-AUTO24L

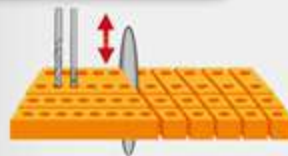
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Multi-function Composite Machine
(Drilling, Topping, Sawing)



JIH-AUTO18DS.AUTO18DTS
JIH-AUTO18DSW

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Copy Milling Machine



JIH-170A.170B.170H

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90° Vertical Sawing
Automatic Type



JIH-455A.610A.910A
JIH-18DB.24DB
JIH-AUTO18D

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Panel Sawing

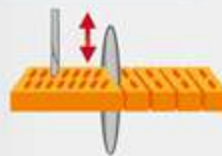


JIH-8CS.10CS.12CS
JIH-T1

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Multi-function Composite Machine
(Milling, Drilling, Topping, Sawing)



JIH-AUTO20RDS
JIH-CNC18MDS

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Hydraulic Press



JIH-250A.B.C.E

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90° Horizontal Sawing
Semi-automatic Type



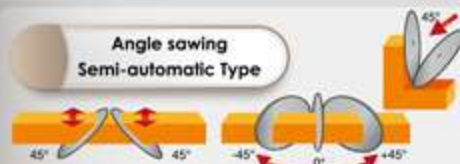
For 16L.24L

For 30LA.30LB

JIH-16L.24L.30LA.30LB

Page: 09

Angle sawing
Semi-automatic Type



45° JIH-14A.14B.14C.350L

Page: 18

45°~

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135° JIH-16.20.2024

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JIH-2030.2036

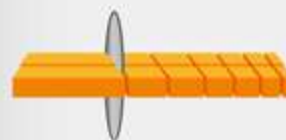
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45°~

Page: 25

180° JIH-LJK600

Automatic Positioning
system



JIH-AUTO3000

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Corner Jointing
Machine



JIH-85H

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Automatic Slotting
Machine



JIH-NC18SM

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Angle sawing
Automatic Type



22.5°~135° JIH-T3

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22.5°~157.5° JIH-T5

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JIH-T3S.AUTOT3S

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JIH-T5S

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JIH-CNC4S

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JIH-AUTO20R

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45°~180° JIH-LJK600NC

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Drilling Machine



For 2D

JIH-2D

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End Milling Machine



JIH-125P

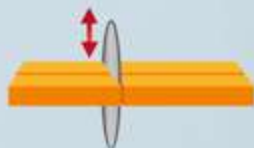
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JIH-18/24 Series

Semi-automatic Machine
High Speed Sawing Machine



PATENT NO. 396877



JIH-18A

- Simply treadle the foot switch, and the machine will perform automatic workpiece clamping, automatic oil spray, and automatic cutting, safely and without effort.
- Concealed sawblade performs cutting from bottom to top. It allows for the cutting of a single workpiece or multiple workpieces simultaneously.
- Automatic oil mist spray during cutting provides cooling and lubrication effect.
- Cutting feed is driven by a hydraulic-pneumatic cylinder for extremely stable cutting speed.
- The machine can conduct 90° cut-off or 45° cutting with the use of a fixture (optional).

JIH-18C

- Simply treadle the foot switch, and the machine will perform automatic workpiece clamping, auto-matic oil spray, and automatic cutting, safely and without effort.
- Concealed sawblade performs cutting from bottom to top. It allows for the cutting of a single workpiece or multiple workpieces simultaneously.
- Automatic oil mist spray during cutting provides cooling and lubrication effect.
- Cutting feed is driven by a hydraulic-pneumatic cylinder for extremely stable cutting speed.
- The machine can conduct 90° cut-off or 45° cutting with the use of a fixture (optional).
- Workpiece clamping pressure is adjustable.



JIH-18D

- Independent a hydraulic-pneumatic cylinder clamping makes the machine suitable for solid material cutting, or industrial aluminum extrusion.



JIH-18P

- After workpiece is cut off, table is pulled away to avoid return cutting.



- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, horizontal clamp, hydraulic feeding, sawblade, 45° fixture.
- With AUTO 3000 for automatic positioning, automatic feeding/pusher, and automatic cutting functions.

SPECIFICATIONS	JIH-18A	JIH-18C	JIH-18D	JIH-18P	JIH-24D	JIH-30D (Hydraulic Feeding)
SPECIFICATIONS	90°	90°	90°	90°	90°	90°
Cutting capacity (HxW)	115x115, 100x220 60x270, 20x300 mm	115x115, 100x220 60x270, 20x300 mm	120x120, 100x230 60x270, 20x300 mm	120x120, 100x180 20x260, 60x240 mm	175x175, 150x340 80x400, 40x420 mm	160x160, 100x500, 50x550, 230x230 (when the fence moving out 90mm)
Saw spindle speed	3,200 R.P.M	3,200 R.P.M	3,200 R.P.M	3,200 R.P.M	1,800 R.P.M	1,200 R.P.M
Saw motor	5 HP (opt. 7.5 or 10)	5 HP (opt. 7.5 or 10)	7.5 HP (opt. 10)	7.5 HP (opt. 10)	10 HP	20 HP (Timing Belt + Inverter)
Sawblade size	18" x 1" bore	18" x 1" bore	18" x 1" bore	18" x 1" bore	24" x 1" bore	30" x 50 mm bore
Table area (LxW)	640 x 380 mm	640 x 380 mm	640 x 380 mm	1,350 x 380 mm	664 x 560 mm	810 x 730 mm
Table height from floor	860 mm	860 mm	860 mm	875 mm	830 mm	887 mm
Conveyor length (opt.)	1 - 7 M	1 - 7 M	1 - 7 M	1 - 7 M	1 - 7 M	1-7 M
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²
Machine dimensions (LxWxH)	840 x 800 x 1,250 mm	840 x 800 x 1,250 mm	840 x 870 x 1,860 mm	1,500 x 840 x 1,460 mm	860 x 1,310 x 1,850 mm	1,386x1,520x2,065 mm
Packing dimensions (LxWxH)	960 x 920 x 1,450 mm	960 x 920 x 1,450 mm	980 x 990 x 1,860 mm	1,620 x 960 x 1,660 mm	980 x 1,430 x 2,050 mm	1,500x1,620x2,100 mm
Net/Gross weight	300 / 380 kgs	330 / 410 kgs	360 / 440 kgs	600 / 750 kgs	550 / 650 kgs	1,160 / 1,300 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.



JIH-24D

- Independent a hydraulic-pneumatic cylinder for controlling workpiece clamping and cutting feed respectively.

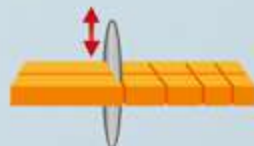


JIH-24CE

- Fully enclosed cover for safety.
- Fast cutting features high efficiency and high productivity.

JIH-455A/610A/910A

Automatic Sawing
Machine Series



PATENT NO. 535675

CE standard (optional)



FEATURES

- Automatic feed, positioning, oil spraying and cutting.
- Automatic feed stroke 500mm. Reciprocating length is unlimited.
- Concealed sawblade performs upward cutting for increased safety.
- Ball screw is driven by servo motor for high accuracy.
- Equipped with NC controller. PLC features extremely stable control performance. Electronic control parts are CE certified.
- Feed is driven by hydraulic system, providing maximum stability of cutting.

- Two sets of vertical clamps combined with one set of side clamps equipped on the feed system permit cutting of irregular workpieces and simultaneous cutting of several workpieces.
- The computer automatically records the required time and quantity for each machining process, which provides convenient calculation of machining cost.
- During operation, the machine provides detection for lack of material. The remaining length to be cut can be set.
- Workpieces can be stacked.
- Feed methods: 1. Stepping feed 2. Reciprocating feed 3. Manual feed.

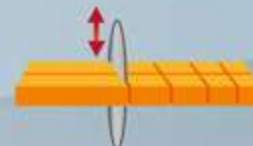
- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector and sawblade

SPECIFICATIONS	JIH-455A	JIH-610A	JIH-910A
Main machine	JIH-18D	JIH-24D	JIH-36D
Automatic drive system	Servomotor driven ballscrew	Servomotor driven ballscrew	Servomotor driven ballscrew
Max. feed distance(one cycle)	500 mm [Reciprocating feed]	500 mm [Reciprocating feed]	500 mm [Reciprocating feed]
Cutting capacity (HxW)	120 x 120, 100 x 200, 20 x 280 mm	190 x 190, 50 x 320, 40 x 420 mm	300 x 300, 200 x 460, 80 x 550 mm
Cutting length display and setting	Touch screen	Touch screen	Touch screen
Saw spindle speed	3,200 R.P.M	1,800 R.P.M	900 R.P.M
Saw motor	10 HP	10 HP	20 HP
Hydraulic feed motor	1 HP	1 HP	1 HP
Servomotor	1 kw	1 kw	1 kw (opt. 1.5 kw)
Sawblade size	18" x 1" bore	24" x 1" bore	36" x 50 mm bore
Max. load	100 kgs	100 kgs	100 kgs (opt. 150 kgs)
Table height from floor	910 mm	921 mm	1,339 mm
Touch screen	7"	7"	7"
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²
Machine dimensions (LxWxH)	2,500 x 1,000 x 1,850 mm	2,500 x 1,300 x 2,020 mm	2,910 x 1,953 x 2,360 mm
Packing dimensions (LxWxH)	2,620 x 1,120 x 2,050 mm	2,620 x 1,420 x 2,220 mm	3,010 x 2,050 x 2,250 mm
Net/Gross weight	1,400 / 1,750 kgs	1,600 / 2,000 kgs	2,950 / 3,450 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-18/24DB

Automatic Sawing
Machine Series



FEATURES

- Automatic feed, positioning, oil spraying and cutting.
- Concealed sawblade performs upward cutting for increased safety.
- Ball screw is driven by servo motor for high accuracy.
- Touch screen provides user-friendly operator.
- Accommodates 18" or 24" sawblade.
- Equipped with NC controller. PLC features extremely stable control performance. Electric control parts are CE certified.
- Feed methods: 1. Stepping feed 2. Reciprocating feed 3. Manual feed.

- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector and sawblade

SPECIFICATIONS	JIH-18DB	JIH-24DB
Main machine	JIH-18D	JIH-24D
Automatic drive system	Servomotor driven ballscrew	Servomotor driven ballscrew
Max. feed distance(one cycle)	290 mm [Reciprocating feed]	360 mm [Reciprocating feed]
Cutting capacity (HxW)	120 x 120, 100 x 200, 20 x 280 mm	160 x 300, 50 x 420 mm
Cutting length display and setting	Touch screen	Touch screen
Saw spindle speed	3,200 R.P.M	1,800 R.P.M
Saw motor	7.5 HP (opt. 10HP)	10 HP
Hydraulic feed motor	1 HP (opt.)	1 HP
Servomotor	400 w	750 w
Sawblade size	18" x 1" bore	24" x 1" bore
Max. load	80 kgs	120 kgs
Table height from floor	860 mm	830 mm
Touch screen	7"	7"
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²
Machine dimensions (LxWxH)	1,300 x 1,000 x 1,800 mm	1,675 x 1,337 x 1,863 mm
Packing dimensions (LxWxH)	1,420 x 1,100 x 2,000 mm	1,775 x 1,437 x 2,063 mm
Net/Gross weight	740 / 840 kgs	980 / 1,080 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-16L/24L

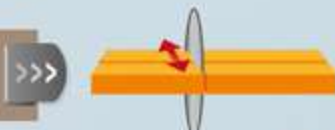
Horizontal
Semi-automatic
Sawing Machine

FEATURES

- When the material has been cut horizontally, retract worktable controlled by the cylinder and then sawblade returns to original place. This feature avoid effects on the surface smoothness and accuracy caused by sawblade return during machining, which in turn leads to a smoother surface of material.

- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, hydraulic cutting feed, Sawblade

- With AUTO 3000 for automatic positioning, automatic feeding(pusher), and automatic cutting functions.



JIH-30L

Sawing Machine
Straight Cutting For Panels

FEATURES

- 15 HP spindle motor for powerful drive.
- Straight cutting with smooth operation.

- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, hydraulic feeding, sawblade, and horizontal cam - Perform automatic positioning, automatic feeding(pusher), and automatic cutting functions. (opt.)

SPECIFICATIONS	JIH-16L	JIH-24L	JIH-30LA	JIH-30LB
Cutting angle	90°	90°	90°	90°
Cutting capacity (LxW)	100 x 290, 80 x 340 mm	80 x 400, 130 x 350 175 x 210, 200 x 200 mm	120 x 500, 80 x 550 20 x 700 mm	265 x 550, 130 x 850 100 x 900 mm
Saw spindle speed	3,400 R.P.M	1,800 - 3,600 R.P.M	3,200 - 3,600 R.P.M	800 - 1,500 R.P.M
Saw motor	7.5 HP	15 HP (Timing belt + inverter)	15 HP (Timing belt + inverter)	15 HP (Timing belt + inverter)
Hydraulic motor	1 HP	1 HP	2 HP	2 HP
Sawblade size	16" x 11" bore	12" - 24" x 1" bore	16" or 18" x 1" bore	28" or 30" x 50mm bore
Table area (LxW)	400 x 570 mm	400 x 850 mm	1,692 x 812 mm	1,110 x 1,080 mm
Table height from floor	810 mm	920 mm	840 mm	900 mm
Conveyor length (opt.)	1 - 7 M	1 - 7 M	1 - 7 M	1 - 7 M
Air pressure	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²
Machine dimensions (LxWxH)	1,530 x 1,120 x 1,600 mm	1,420 x 1,875 x 1,756 mm	2,050 x 1,750 x 1,750 mm	2,300 x 1,600 x 2,200 mm
Packing dimensions (LxWxH)	1,650 x 1,240 x 1,800 mm	1,540 x 1,995 x 1,876 mm	2,170 x 1,870 x 1,870 mm	2,420 x 1,920 x 2,300 mm
Net/Gross weight	1,100 / 1,200 kgs	1,700 / 1,900 kgs	1,200 / 1,450 kgs	1,800 / 2,100 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-NC18SM

Automatic
Slotting Machine



Allows for setting slotting position and width. The machine combines slotting and sawing functions in one. Servomotor controls sawblade raising position.

JIH-NC18LS

Automatic sawing machine
(Sawing machine)



Servo motor drives ball screw feed

- Fast action, accurate positioning, and improved sawing efficiency.
- Automatically speed up or slow down the sawin speed according to the sharpness of the sawblade.
- Current monitoring can prompt replacement of new sawblade.



- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, hydraulic clamping, sawblade.

SPECIFICATIONS	JIH-NC18SM	JIH-NC18LS
Automatic drive system	Servomotor drive ballscrew	Ball screwball
Max feed distance (one cycle)	1,000 mm (Reciprocating feed)	500 mm (reciprocating feeding possible)
Slotting capacity	Slotting stroke width 400mm, Max. slotting depth 100mm (slotting height and width can be set)	
Cutting capacity (HxW)	-	125X125 100X210 50X250mm
Saw spindle speed	1,500 - 3,600 R.P.M (with inverter control)	3,200 R.P.M
Saw motor	10 HP	10 HP
Hydraulic motor	2 HP	-
Slotting depth drive servomotor	1 kw	-
Feed servomotor	1 kw	Auto feed 500w x 1, Auto feed 500w x 1
Sawblade size	14" - 18" x 32 mm bore	14" - 18" (1" bore) can be selected arbitrarily
Table height from floor	918 mm	910 mm
Inverter	10 HP	10 HP
Automatic cutting method	-	Servo motor drives ball screw feed
Touch screen	7"	7"
Air pressure	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²
Machine dimensions (L x W x H)	3,830 x 2,175 x 1,750 mm	2,680 x 1,540 x 1,500 mm
Packing dimensions (L x W x H)	3,930 x 2,275 x 1,850 mm	2,780 x 1,640 x 1,600 mm
Net/Gross weight	2,800 / 3,100 kgs	1,200 / 1,400 kgs

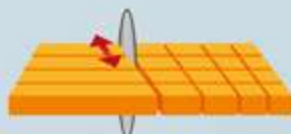
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-NC24L/30L/36L

NC Sawing Machine High Production Cutting



PATENT NO. 223604



- Automatic feed, positioning, of spraying and sawing. Horizontal cutting makes the machine suitable for cutting wide and large workpieces.
- The servomotor driven ballscrew (or precision gear rack) provides high precision.
- Touch screen provides user-friendly operation.
- Feed is driven by hydraulic system featuring maximum stability of cutting.
- Can machine 100 sets of sizes and each set can be set with 12 sizes.
- The computer automatically records the required time and quantity for each machining process, which provides convenient calculation of machining cost.



Stroke 1.25 meters (Max. feed distance one time is 1000mm)

SPECIALLY DESIGNED CUTTING MOTIONS

After the material has been cut horizontally, retract worktable controlled by the cylinder, and the sawblade returns to origin place. This feature can prevent material surface finish and cutting accuracy from being affected by the return cutting of sawblade.

- During operation, the machine provides detection for lack of material. The remaining length to be cut can be set.
- Workpieces can be stacked.

JIH-NC24LS/24LBS

NC Sawing Machine High Production Cutting



Servo motor drives ball screw feed

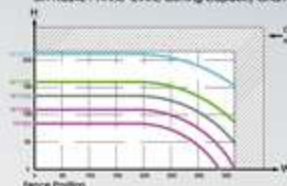
- Fast action, precise positioning, huge Efficiency improvement.
- Automatically speed up or slow down the cutting speed according to the sharpness of the saw blade.
- Current monitoring prompts for a new blade to be replaced.



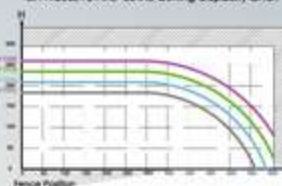
OPTIONAL EQUIPMENT

- CE standard
- Infeed/outfeed conveyor
- Chip collector
- Hydraulic clamping
- Sawblade

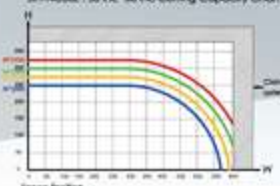
JIH-NC24L : 14 Inc-24 Inc Cutting Capacity Chart



JIH-NC30L : 24 Inc-30 Inc Cutting Capacity Chart



JIH-NC36L : 30 Inc-36 Inc Cutting Capacity Chart



SPECIFICATIONS	JIH-NC24L	JIH-NC30L	JIH-NC36L	JIH-NC24LS (NEW)	JIH-NC24LBS (NEW)
Servo drive system	Ballscrew (or high precision gear rack)	Ballscrew (or high precision gear rack)	Ballscrew (or high precision gear rack)	Ballscrew	Ballscrew
Max. feed distance (one cycle)	1,000 mm (opt. 2,500 mm / 6,000 mm) Reciprocating feed	1,000 mm (opt. 2,500 mm / 6,000mm) Reciprocating feed	1,000 mm (opt. 2,500 mm / 6,000mm) Reciprocating feed	1,000 mm Reciprocating feed	2,500 mm Reciprocating feed
Cutting capacity (HxW)	200 x 200, 175 x 210, 130 x 350, 40 x 400 mm (Dep. on sawblade size)	250 x 250, 210 x 400, 180 x 500 mm (Dep. on sawblade size)	150 x 600, 200 x 550, 320 x 320 mm (Dep. on sawblade size)	200 x 200, 175 x 210, 130 x 350, 40 x 400 mm (Dep. on sawblade size)	200 x 200, 175 x 210, 130 x 350, 40 x 400 mm (Dep. on sawblade size)
Saw spindle speed	1,500 - 3,500 R.P.M Variable speed can be set according to sawblade size	1,000 - 3,000 R.P.M Variable speed can be set according to sawblade size	900 - 1,500 R.P.M Variable speed can be set according to sawblade size	1,500 - 3,500 R.P.M Variable speed can be set according to sawblade size	1,500 - 3,500 R.P.M Variable speed can be set according to sawblade size
Saw motor	15 HP	15 HP	20 HP	15 HP	15 HP
Inverter	15 HP	15 HP (opt. 20 HP)	20 HP	15 HP (opt. 20HP)	15 HP (opt. 20 HP)
Automatic cutting method	Hydraulic (opt. Servo)	Hydraulic	Hydraulic	Servo	Servo
Hydraulic feed motor	2 HP	2 HP	2 HP	2 HP	-
Feed servomotor	Auto feeding 1 kw (opt. 1.5 kw) x 1 pce	Auto feeding 2 kw x 1 pce	Auto feeding 2 kw x 1 pce	Auto feeding 1 kw x 1 pce (opt. 1.5 kw) Automatic saw feeding 1 kw x 1 pce	Auto feeding 2 kw x 1 pce Automatic saw feeding 1 kw x 1 pce
Saw blade size	12"-24" (1" bore) for choice	24"-30" (50 mm bore) for choice	30"-36" (50 mm bore) for choice	12"-24" (1" bore) for choice	12"-24" (1" bore) for choice
Max. load	100 kgs	200 kgs	250 kgs	100 kgs	200 kgs
Table height from floor	920 mm	1,010 mm	1,110 mm	920 mm	920 mm
Touch screen	7"	7"	7"	9.7"	9.7"
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²
Machine dimensions (LxWxH)	3,700 x 1,970 x 1,870 mm	3,900 x 2,290 x 1,940 mm	4,200 x 2,290 x 2,030 mm	3,700 x 1,970 x 1,870 mm	5,800 x 1,970 x 1,870 mm
Packing dimensions (LxWxH)	3,800 x 2,070 x 1,970 mm	4,000 x 2,300 x 2,040 mm	4,300 x 2,390 x 2,130 mm	3,800 x 2,070 x 1,970 mm	5,900 x 2,070 x 1,970 mm
Net/Gross weight	2,300 / 2,700 kgs	2,800 / 3,100 kgs	3,300 / 3,600 kgs	2,835/2,920 kgs	3,300 / 3,500 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-8CS/10CS/12CS

Automatic
Panel Saw



JIH-T1

Heavy
Automatic Panel Saw



FEATURES

- Advanced computer control for maximum operation convenience.
- Choice of cutting capacity- 8', 10' and 12'.
- Variable pusher feed speed.
- Online with personal computer.
- Self diagnostic function of the material width.
- Convenience parameter setting by signal guides.
- Panel feed driven by AC servo motor.



FEATURES

- Cutting length 20 ~ 3,700 mm.
- Sawblade running speed is controlled by a frequency inverter.
- Sawblade speed range: 1,000 ~ 2,800 R.P.M.
- Main sawblade motor: 40 HP, (opt. 46 HP)
- Automatic chip exhaust for added convenience in aluminum chip collection.

SPECIFICATIONS	JIH-8CS	JIH-10CS	JIH-12CS
Cutting length	2,600 mm	3,200 mm	3,800 mm
Cutting thickness	100 mm	100 mm	100 mm
Sawblade size	16" x 1" bore	16" x 1" bore	16" x 1" bore
Bore diameter	1"	1"	1"
Saw spindle speed	1,500-3,500 R.P.M (by inverter driver)	1,500-3,500 R.P.M (by inverter driver)	1,500-3,500 R.P.M (by inverter driver)
Saw motor	18 HP	18 HP	18 HP
Saw carriage drive motor	2 HP	2 HP	2 HP
Automatic feed servomotor	2 kw	2 kw	2 kw
Automatic panel feed speed	10 ~ 15 m/min	10 ~ 15 m/min	10 ~ 15 m/min
Feed forward speed	1~7 m/min	1~7 m/min	1~7 m/min
Retract speed	30 m/min	30 m/min	30 m/min
Table height from floor	870 mm	870 mm	870 mm
Air pressure	4 ~ 6 kgs/cm ²	4 ~ 6 kgs/cm ²	4 ~ 6 kgs/cm ²
Machine dimensions (LxWxH)	5,133 x 4,560 x 1,750 mm	5,733 x 5,190 x 1,750 mm	6,333 x 5,820 x 1,770 mm
Net/Gross weight	3,520 / 3,920 kgs	3,900 / 4,400 kgs	4,400 / 5,000 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

SPECIFICATIONS

JIH-T1

Cutting width	3,700 mm
Cutting length	Max. length 3,700 mm, Min. length 20 mm
Cutting thickness	24" Max. cutting height 174 mm (opt. Max. cutting height 200mm with optional 26" sawblade)
Sawblade size	24" x 30 mm bore (opt. 26")
Sawblade spindle diameter	30 mm
Saw spindle speed	1,000 ~ 2,800 R.P.M [with frequency inverter]
Main sawblade drive motor	40 HP (opt. 46 HP)
Saw carriage drive motor	2 kw
Automatic feed system	Automatic feed length 3,700 mm Automatic feed feature: 10 sets (Effective stroke of automatic feed 3.7m)
Automatic feed servo	3.5 kw
Table area	Chrome plated steel plate (Equipped with universal roller)
Outfeed roller table	Universal auxiliary table 1.5m x 4 sets
Table height from floor	1,100 mm
Air pressure	4 ~ 6 kgs/cm ²
Machine dimensions (LxWxH)	7,628 x 7,213 x 2,300 mm
Packing dimensions (LxWxH)	11,920 x 2,290 x 2,430 mm
Net/Gross weight	12,000 / 12,650 kgs

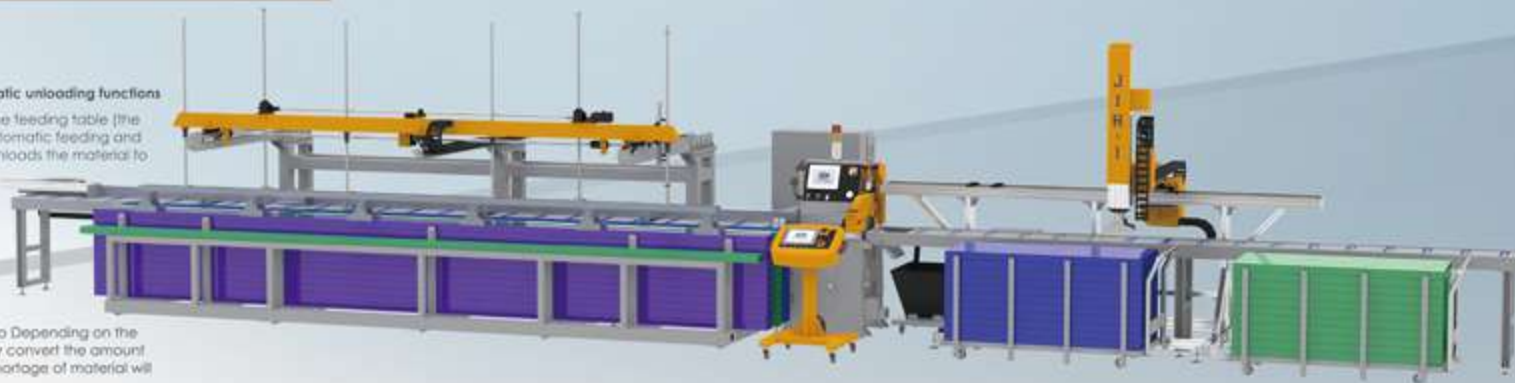
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-FAL18D CNC Fully automatic intelligent production line sawing machine >>>

Features

Combined with automatic feeding, automatic sawing and automatic unloading functions

- The three-axis robotic arm automatically feeds the material to the feeding table (the length of automatic feeding can be selected), and after the automatic feeding and sawing is completed, the three-axis robotic arm automatically unloads the material to the feeding car. (Automatic unloading length is optional).
- Yifu main machine JH-18D sawing machine, giant
- Capacity (height x width): 120x120, 100x220, 50x270mm (other main machine models can be selected according to customer needs and sawing capabilities and functions).
- In the loading area of the robotic arm, three automatic storage areas can be designed to store three different materials (the number of automatic storage areas can be increased or decreased according to customer needs), and each storage area can store several materials (according to Depending on the height of the material), the computer program will automatically convert the amount of remaining material according to the sawing status, and the shortage of material will be reported by the alarm.
- Specially prepared a semi-automatic storage table (the manipulator can automatically feed the material to the giant table, enabling the semi-automatic sawing mode).
- Touch the screen to set the sawing mode, length and quantity, which can be divided into automatic sawing mode and semi-automatic sawing mode.



- The automatic sawing mode can set the sawing length and quantity of each material in each storage area. With the CNC automatic conversion optimization program, the required material quantity can be automatically changed, so as to judge whether the storage area is sufficient (or after sawing). The amount of remaining material saves and facilitates the operator and calculation errors. 20 different sawing lengths can be set for each material in each automatic group, and N groups of automatic processing groups can be stored.
- It can be equipped with optional laser bar code, automatic scanning function, and automatic chip collection system for fallings.
- This machine is a CNC-controlled high-precision fully automated production machine to save labor, improve production efficiency, simplify the production process to reduce the defect rate and other advantages, solve the problem of labor shortage in the future and conform to the trend of automated production.

JIH-FAL14SM CNC Fully automatic intelligent production line grooving sawing machine >>>

Features

Combined with automatic feeding, automatic grooving and sawing, and automatic unloading

- Place material on oil pressure drop the table, the robotic arm automatically pushes to the feeding table (optional automatic feeding length), and then automatically feeds the saw after finishing, the three-axis robotic arm will automatically place the sawed material on the feeder. (Automatic unloading length is optional).
- The whole bundle of materials can be placed on the hydraulic lifting table (table size and lifting height can be customized according to the customer's production capacity), which greatly simplifies and saves the loading time; the lifting table storage area can store materials according to the material size. Automatically convert the total amount of materials, the number of sawn and the remaining amount, and report the replenishment of insufficient material.
- Main machine JH-14M main machine, can be sawed angles of 90 degrees and 55 degrees, using 5 saw blades (1 saw blade for cutting, 4 for grooving) at the same time sawing, the material is parallel and sawed at the same time. (According to customer needs and sawing capabilities and functions can be selected from other host models).
- In order to save storage space, the automatic feeding adopts a 90-degree rotating robotic arm head with a vacuum suction cup, and several materials are automatically fed to the feeding chute at a time.



- Touch the screen to set the sawing mode, length and quantity, which can be divided into automatic sawing mode and semi-automatic sawing mode.
- The automatic sawing mode can set the sawing length and quantity of each material in each storage area. With the CNC automatic conversion optimization program, the required material quantity can be automatically changed, so as to judge whether the storage area is sufficient (or after sawing). The amount of remaining material saves and facilitates the operator and avoids calculation errors.
- After discharging, install fall material automatic chip collector and install air blowing and chip suction design.
- Optional matching (laser barcode, Automatic scanning function).
- This machine is a CNC-controlled high-precision fully automated production machine to save labor, improve production efficiency, simplify production processes to reduce defective rates, etc., solve the problem of labor shortage in the future and conform to the trend of automated production.

JIH-AL/AR/AP

Automatic Loading, Automatic Feeding,
Automatic Sawing, High Production Fully
Automatic Sawing System.



FEATURES

- Multiple working station (working station quantity opt.)
- Regular and irregular materials can be cut in parallel several pieces at simultaneously.
- This automatic loading system can combine with any sawing machine to do automatic loading and cutting.



FEATURES

- Bundle of material can be automatically loaded once (opt. the loading materials width and length and various sizes of workpiece channel)
- Specially designed clamping and program systems are suitable for the round type material.
- It can be cut in parallel several pieces at simultaneously.



FEATURES

- Suitable for lightweight materials.
- Multiple working station (working station quantity opt.)
- Regular and irregular materials can be cut in parallel several pieces at simultaneously.
- This automatic loading system can combine with any sawing machine to do automatic loading and cutting.

JIH-14A/14B/14C/350L



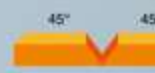
45° Double Blade Angular Sawing Machine Series
(Three functions in one)



JIH-14C
Vertical cutting

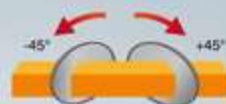


JIH-14CL



JIH-14CV

JIH-14C



Vertical cutting. Choice of individual
right or left sawblade
(to avoid material ejection).



JIH-14A



Horizontal cutting
Cutting angle 45°



JIH-350L



- OPTIONAL EQUIPMENT: Infeed/outfeed conveyor, sawblade, with AUTO 3000 for automatic positioning, automatic feeding (pusher) and automatic cutting functions.

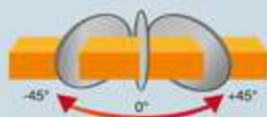
SPECIFICATIONS	JIH-14A	JIH-14B	JIH-14C	JIH-350L
Cutting angle	45°	45°	45°	45°
Cutting capacity (HxW)	100 x 100, 140 x 90 mm	150 x 130, 180 x 100, 250 x 70 mm	160 x 90 mm depth (or 130 x 130 mm)	70 (opt. 90 mm) x 350 (opt. 400 mm)
Saw spindle speed	3,600 R.P.M	3,000 R.P.M	3,600 R.P.M	3,600 R.P.M
Saw motor	2 HP x 2	3 HP x 2	3 HP x 2	2 HP x 2
Sawblade size	14" x 1" bore x 2 pcs	18" x 1" bore x 2 pcs	14" x 1" bore x 2 pcs	14" x 1" bore x 2 pcs
Clamping method	3 (Vertical clamps & Horizontal clamps)		Vertical clamps x 2	
Table area (LxW)	870 x 260 mm	870 x 290 mm	Horizontal clamps x 2 (Dep on the chosen function)	
Table height from floor	830 mm	800 mm	850 mm	840 mm
Infeed/outfeed conveyor length	2.5 m	2.5 m	1 - 7 m (opt.)	1 - 7 m (opt.)
Air pressure	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²
Machine dimensions (LxWxH)	1,370 x 620 x 1,310 mm	1,520 x 930 x 1,440 mm	1,000 x 910 x 1,580 mm	1,930 x 725 x 1,300 mm
Packing dimensions (LxWxH)	1,430 x 950 x 1,510 mm	1,640 x 1,050 x 1,640 mm	1,120 x 1,090 x 1,780 mm	2,050 x 845 x 1,500 mm
Net/Gross weight	310 / 410 kgs	500 / 610 kgs	350 / 435 kgs	650 / 780 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-20 Rotary Angular Sawing Machine

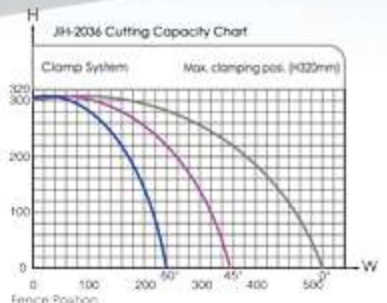
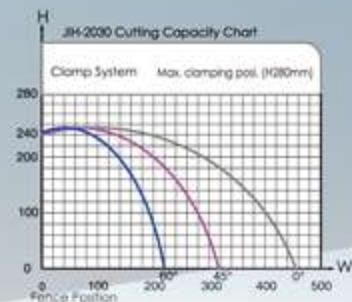
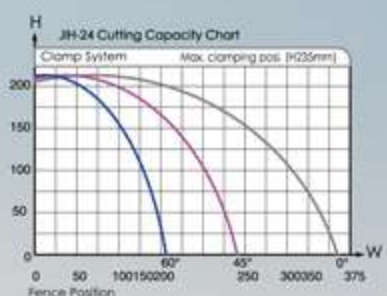
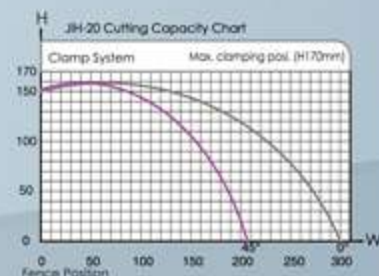
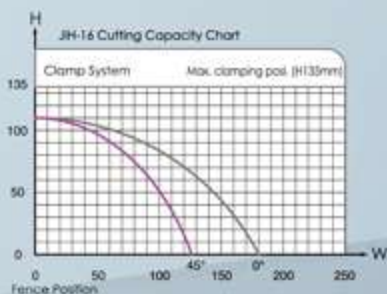


PATENT NO. 217250



FEATURES

- 0°-45° cutting at right and left side.
- Pneumatic actuation for fast motions.

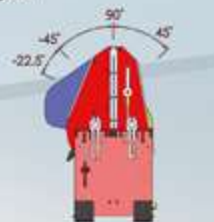
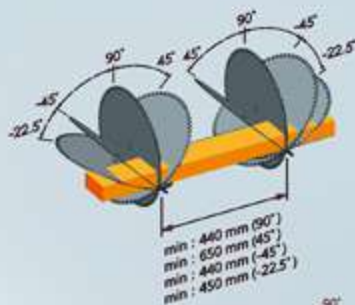


- Optional automatic angle rotating function; JIH-16R, JIH-20R, JIH-2024R, JIH-2030R, JIH-2036R.
- OPTIONAL EQUIPMENT: CE standard, in-feed/out-feed conveyor, chip collector, horizontal clamp, hydraulic feeding, automatic angle rotating function, sawblade.
- With AUTO 3000 for automatic positioning, automatic feeding (pusher) and automatic cutting functions.

SPECIFICATIONS	JIH-16	JIH-20	JIH-2024	JIH-2030 (Hydraulic Feeding)	JIH-2036 (Hydraulic Feeding)
Cutting angle	45° - 90° - 135° (0° - ±45°)	45° - 90° - 135° (0° - ±45°)	45° - 90° - 135° (0° - ±45°)	45° - 90° - 135° (0° - ±45°)	45° - 90° - 135° (0° - ±45°)
Cutting capacity (HxW)	Refer to cutting capacity chart	Refer to cutting capacity chart	Refer to cutting capacity chart	Refer to cutting capacity chart	Refer to cutting capacity chart
Saw spindle speed	3,600 R.P.M	2,800 R.P.M	1,800 R.P.M	1,200 R.P.M	1,000 R.P.M
Saw motor	3 HP	7.5 HP	7.5 HP	10 HP (Timing belt + inverter.)	10 HP (Timing belt + inverter.)
Sawblade size	16" x 1" bore	20" x 1" bore	24" x 1" bore	30" x 50 mm bore	36" x 50 mm bore
Table area (L x W)	490 x 245 mm	772 x 386 mm	896 x 448 mm	1,080 x 540 mm	1,256 x 628 mm
Table height from floor	865 mm	875 mm	920 mm	1,070 mm	1,220 mm
Air pressure	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²
Machine dimensions (L x W x H)	1,000 x 680 x 1,610 mm	1,200 x 1,090 x 1,780 mm	1,480 x 1,350 x 2,100 mm	1,660 x 1,400 x 2,210 mm	1,770 x 1,580 x 2,520 mm
Packing dimensions (L x W x H)	1,120 x 1,000 x 1,810 mm	1,320 x 1,210 x 1,980 mm	1,600 x 1,470 x 2,260 mm	1,780 x 1,520 x 2,300 mm	1,900 x 1,700 x 2,230 mm
Net/Gross weight	400 / 500 kgs	500 / 610 kgs	800 / 920 kgs	1,300 / 1,500 kgs	1,800 / 2,300 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-T3 Double Head Tiling Sawing Machine



T3 sawblade tilting angle diagram



T3 Double head configuration

FEATURES

- Automatic sawblade tilting 22.5°- 135° at both sides. Automatic positioning for length of cut. 3 axes are driven by servomotors. Linear guideways on X-axis enhance positioning accuracy and machining accuracy. Unmatched performance compared to competitive models.
- Automatic feed and automatic cutting functions can be selected (optional).

- OPTIONAL EQUIPMENT: Automatic feeding function, chip collector, sawblade, label printer, CSV office transfer

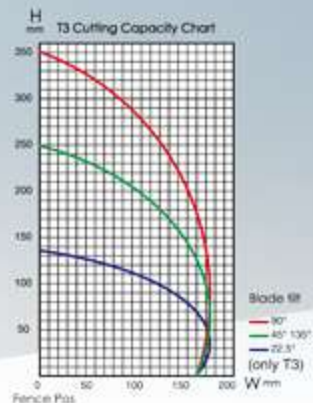
SPECIFICATIONS	JIH-T3 (3 AXIS)	JIH-AUTOT3S	
Angle control method	Servomotor control auto angle setting	Servomotor control auto angle setting	
Auto positioning function	Servomotor controls auto positioning	Optional connection to AU/03000 system for automatic positioning	
Cutting capacity (HxW)	Min. cutting distance	Cutting size	
	-22.5°	450 mm	100 x 100 mm
	-45°	440 mm	180 x 125, 235 x 35 mm
	90°	440 mm	170 x 170, 330 x 35 mm
	45°	650 mm	180 x 125, 235 x 35 mm
Max. cutting length	4,500 mm (opt. 6,500 mm)	6,500 mm	
Range of sawblade tilting angle	22.5°- 90°- 135° any angle	45°-90°-135°	
Saw spindle speed	2,800 R.P.M	2800 R.P.M	
Saw Motor	5 HP x 2	5HP x 1	
Servomotor	Length pos. 1 kw x 1 pcs, Blade swing 1 kw x 2 pcs	Saw Tilt (1kw) x 1	
Sawblade size	22" x 1" bore x 2 pcs	22" x 1" x 1pcs	
Air pressure	4-6 kgs/cm ²	4 - 6 kg/ cm ²	
Machine dimensions (LxWxH)	6,750 x 1,700 x 1,650 mm	1832 x 1863 x 1710 mm	
Packing dimensions (LxWxH)	6,850 x 1,800 x 1,750 mm	2270 x 2010 x 1796 mm	
Net/Gross weight	2,350 / 2,450 kgs	1,390 kgs / 1,450 kgs	

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-T3S Single Head Tiling Sawing Machine

FEATURES

- Available for use with JIH-AUTO 3000 / JIH-AUTO 3000W for automatic feed and cutting functions.



T3S Single head configuration



JIH-AUTO3000W+T3S

JIH-T5/T5S

5 Axis Automatic Double Head
Tilting & Rotary Sawing Machine

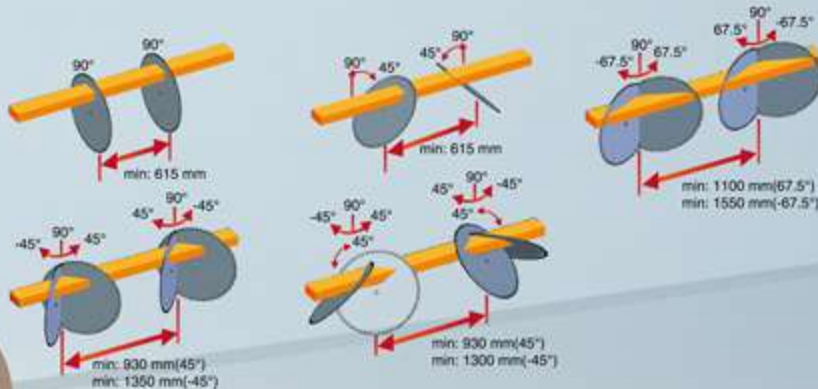


FEATURES

- This machine is designed with twin tables that can automatically rotate to an angle within 22.5° ~ 157.5°. Twin sawblades at both sides can automatically tilt 0° ~ 45°. Automatic positioning function for length of cut.
5 axes are driven by servomotors for high accuracy. X-axis moves on linear guideways to enhance positioning accuracy and machining accuracy. In addition, this machine integrates unmatched performance compared to competitive models.



Saw cabinet rotation is driven by gears for durability.



T5S Single head configuration

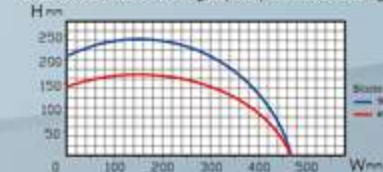
T5S FEATURES Performs automatic feed and automatic cutting functions when used with AUTO3000 or AUTO3000W

- OPTIONAL EQUIPMENT: Automatic feeding function, chip collector, sawblade, label printer, CSV office transfer.

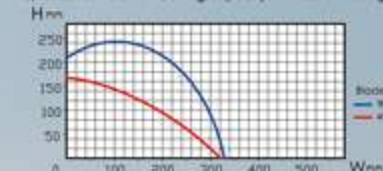
SPECIFICATIONS	JIH-T5-26	JIH-T5-30	JIH-T5S-26	JIH-T5S-30
Control mode of angle and length	NC controls cutting length and angle	NC controls cutting length and angle	NC Control Cutting Angle	NC Control Cutting Angle
Automatic positioning function	Yes (Opt. Positioning Length X axis 4.5m - 6.5m) For 90° Cuts: 200 x 310 mm For 45° Cuts: 140 x 310 mm	Yes (Opt. Positioning Length X axis 4.5m - 6.5m) For 90° Cuts: 200 x 410 mm For 45° Cuts: 140 x 410 mm	Opt. connect With JIH-AUTO 3000	Opt. connect With JIH-AUTO 3000
Cutting capacity (HxW)	Max Cuts Length 4,500 mm (Opt. 6,500 mm) Min Cuts Length 615 mm (When Table rotary 90° And Saw Tilt 90° or 45°) Min Cuts Length 930 mm (When Table rotary 45° And Saw Tilt 90° or 45°) Min Cuts Length 1,100 mm (When Table rotary 67.5° And Saw Tilt 90°)	Max Cuts Length 4,500 mm (Opt. 6,500 mm) Min Cuts Length 615 mm (When Table rotary 90° And Saw Tilt 90° or 45°) Min Cuts Length 930 mm (When Table rotary 45° And Saw Tilt 90° or 45°) Min Cuts Length 1,300 mm (When Table rotary 67.5° And Saw Tilt 90°)	90° cutting: 200 x 310 mm 45° cutting: 140 x 310 mm Refer to T5-26 cutting capacity chart	90° cutting: 200 x 410 mm 45° cutting: 140 x 410 mm Refer to T5-30 cutting capacity chart
Range of rotation angle	22.5° ~ 90° ~ 157.5°	22.5° ~ 90° ~ 157.5°	45° ~ 90° ~ 135°	45° ~ 90° ~ 135°
Sawing angle miter	45° ~ 90° (0° ~ 45°)	45° ~ 90° (0° ~ 45°)	45° ~ 90° (0° ~ 45°)	45° ~ 90° (0° ~ 45°)
Saw spindle speed	1,500 R.P.M	1,170 R.P.M	1,500 R.P.M	1,170 R.P.M
Saw motor	7.5 HP x 2	10 HP x 2	7.5 HP x 1	10 HP x 1
Servomotor	Table rotary (1kw) x 2 pcs, Saw Tilt (750w) x 2 pcs, Length Positioning (1kw) x 1 pce	Table rotary (1kw) x 2 pcs, Saw Tilt (750w) x 2 pcs, Length Positioning (1kw) x 1 pce	Table rotary (1kw) x 1 pce, Saw Tilt (750w) x 1 pce	Table rotary (1kw) x 1 pce, Saw Tilt (750w) x 1 pce
Sawblade size	26" x 1" bore x 2 pcs	30" x 50 mm bore x 2 pcs	26" x 1" bore x 1 pce	30" x 50 mm bore x 1 pce
Air pressure	4 ~ 6 kgs/cm ²	4 ~ 6 kgs/cm ²	4 ~ 6 kgs/cm ²	4 ~ 6 kgs/cm ²
Machine dimensions [LxWxH]	6,700 x 2,260 x 1,900 mm	7,060 x 2,260 x 2,120 mm	2,060 x 1,810 x 1,760 mm	2,350 x 2,080 x 2,060 mm
Packing dimensions [LxWxH]	6,800 x 2,300 x 2,000 mm	7,160 x 2,300 x 2,220 mm	2,160 x 1,910 x 1,860 mm	2,450 x 2,180 x 2,160 mm
Net/Gross weight	3,600 / 3,900 kgs (4,500mm)	4,550 / 4,850 kgs (4,500mm)	1,250 / 1,320 kgs	1,800 / 2,000 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

T5/T5S 26" Sawblade - Cutting capacity with table rotating 90°



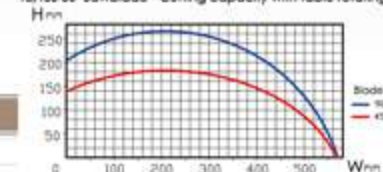
T5/T5S 26" Sawblade - Cutting capacity with table rotating 45°



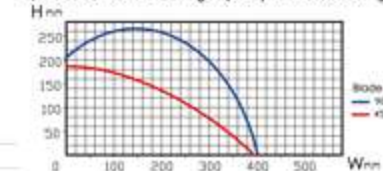
T5/T5S 26" Sawblade - Cutting capacity with table rotating 67.5°



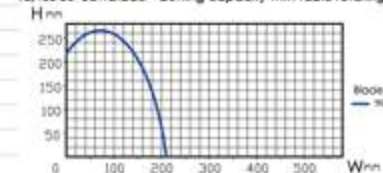
T5/T5S 30" Sawblade - Cutting capacity with table rotating 90°



T5/T5S 30" Sawblade - Cutting capacity with table rotating 45°

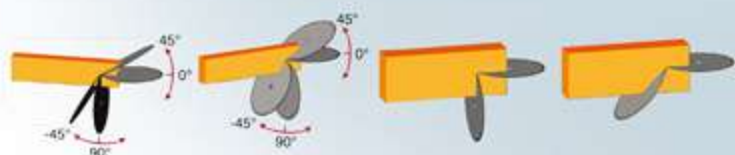


T5/T5S 30" Sawblade - Cutting capacity with table rotating 67.5°



JIH-LJK600/LJK600NC

Corner Notching Machine



FEATURES

- Vertical and horizontal sawblades.
- Sawblade tilting angle 45°-90°-180°
- LJK-600 manual control of sawblade tilting angle combined with LCD display ensures high angle accuracy.
- LJK-600NC-3 features automatic angle swiveling (3 axes servo drive).
- LJK-600NC-5 (optional) Stopper and fence angles are automatically oriented (5 axes servo drive).

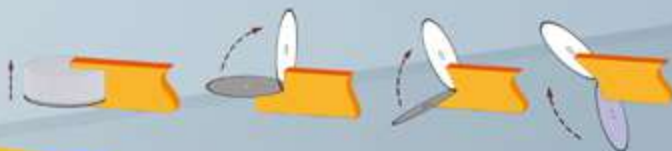
SPECIFICATIONS

	JIH-LJK600	JIH-LJK600NC
Control mode of angle	Using LCD display. Manual positioning	Servomotor driver. Auto setting.
Saw rotate servo motor	-	1 kw x 2
Auto worktable servo motor (Auto angle positioning)	-	1 kw (Automatic elevation)
Sawblade angle	45°-90°-180°	45°-90°-180°
Working table angle	45°-90°-135°	45°-90°-135°
Cutting depth (Vertical and horizontal sawblades)	220 x 220 mm	220 x 220 mm
Saw spindle speed	1,800 R.P.M	1,800 R.P.M
Saw motor	5 HP x 2	5 HP x 2
Vertical sawblade size	600 mm x 1" bore	600 mm x 1" bore
Horizontal sawblade size	600 mm x 1" bore	600 mm x 1" bore
Inverter	7.5 HP x 2	7.5 HP x 2
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²
Machine dimensions (LxWxH)	3,000 x 1,820 x 1,680 mm	3,000 x 1,820 x 1,680 mm
Packing dimensions (LxWxH)	3,100 x 1,920 x 1,780 mm	3,100 x 1,920 x 1,780 mm
Net/Gross weight	1,450 / 1,520 kgs	1,550 / 1,630 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-CNC4S

4th CNC Sawing Machine



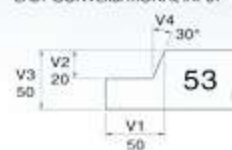
CUTTING SHAPES

11	12	13	14
15	16	17	18
19	20	21	81
51	52	53	54
55	56	57	58
59	60	61	62

FEATURES

- The 4-axis sawing rotary 0°-360°
- The 4-axis CNC sawing machine is easy to operate. The operator only needs to select the cutting shape number, input size, and place the workpiece. The machine will automatically perform cutting.
- 5-axis machine is optional (saw tilting).

EASY CONVERSATIONAL INPUT



Shape number	53
Cutting dist. (V1)	50
Cutting dist. (V2)	20
Workpiece width (V3)	50
Offset angle (V4)	30

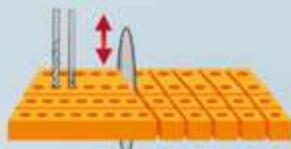
SPECIFICATIONS

	JIH-CNC4S
X-axis stroke	400 mm
Y-axis stroke	400 mm
Z-axis stroke	600 mm
A-axis swiveling	360°
Spindle nose to table surface	Max. 320 mm
Cutting depth	180 x 180 mm
Saw spindle speed	2,800 R.P.M
Saw motor	5 HP
Sawblade size	20" x 1" bore
4-axis servo (X-axis)	1.3 kw
4-axis servo (Y-axis)	1.3 kw
4-axis servo (Z-axis)	2.9 kw with brake
4-axis servo (A-axis)	1.3 kw
Table type	Clamping vise 4 sets
Table area (LxW)	800 x 500 mm
Table height from floor	800 mm
Machine dimensions (LxWxH)	2,200 x 2,850 x 2,650 mm
Net/Gross weight	2,350 / 2,500 kgs

- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-AUTO18DS/18DTS/18DSW

Drill & Tapping
Sawing Machine

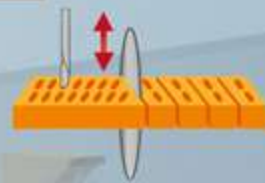


- JIH-AUTO18DTS is automatic drilling, tapping and automatic sawing multi-function at one. (Three functions can be selected)
- JIH-AUTO18DS is automatic drilling and sawing multi-function at one.
- Automatic drilling and tapping head is in position by servomotor with high accuracy. Automatic feed stroke 6,500mm. (opt. 2,500-5,500mm)
- High-performance and high-efficiency machines that can be cut in parallel several pieces at simultaneously in the processing range.
- PLC control with easy operation by touch screen.
- Can be equipped with inverter for changing drilling and tapping speeds (optional)



JIH-AUTO20RDS

CNC Milling, Drill, Tapping
And Sawing Composite Machine



- JIH-AUTO20RDS is a circular sawing machine based on AUTO20, and combined with drilling head to achieve the benefits of angle sawing and drilling in one machine, saving labor time and shortening processing time. (Optional, side drilling, tapping, milling functions)
- Automatic feeding, automatic drilling, automatic angle cutting, accurate positioning.
- The feeding stroke can be selected from 2500mm-6500mm.



SPECIFICATIONS	JIH-AUTO18DS	JIH-AUTO18DTS	JIH-AUTO18DSW
Processing methods	Drilling - Sawing	Drilling - Tapping - Sawing	Drilling - Sawing
Servo drive system	belt	belt	High precision gear rack
Feeding actually measure	2.5-6.5 M (opt.)	2.5-6.5 M (opt.)	2.5-6.5 M (opt.)
Cutting capacity (HxW)	120 x 120, 100 x 230 mm	120 x 120, 100 x 230 mm	120 x 120, 100 x 230 mm
Sawblade size	18" x 1" bore	18" x 1" bore	18" x 1" bore
Saw spindle speed	3,200 R.P.M	3,200 R.P.M	3,200 R.P.M
Saw motor	7.5 HP	7.5 HP	7.5 HP
Drilling motor	3 HP	3 HP	3 HP
Drilling servomotor	400 w	400 w	400 w
Tapping motor	-	3 HP	-
Tapping servomotor	-	400 w	-
Max. drilling stroke	150 mm	150 mm	150 mm
Feeding speed	10-40 m/min	10-40 m/min	10-40 m/min
Servomotor	750 w	750 w	750 w (opt. 1kw)
Table height from floor	870 mm	870 mm	910 mm
Touch screen	9.7"	9.7"	9.7"
Air pressure	4-6 kgs/cm ²	4-6 kgs/cm ²	4-6 kgs/cm ²
Main machine dimensions [LxWxH]	1,760 x 1,180 x 2,000 mm	2,530 x 1,350 x 2,230 mm	9,200 x 1,100 x 2,010 mm
Main machine packing dimensions [LxWxH]	1,860 x 1,280 x 2,100 mm	2,630 x 1,450 x 2,330 mm	9,300 x 1,200 x 2,110 mm
Main machine net / gross weight	730 / 800 kgs	830 / 900 kgs	2,500 / 2,700 kgs

As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

SPECIFICATIONS	JIH-AUTO20RDS
Processing methods	Drilling - Sawing
Servo drive system	High precision gear rack
Feeding actually measure	2.5 - 6.5 (opt.)
Cutting angle	45°-90°-135° (0° - ±45°)
Cutting capacity	Refer to cutting capacity chart
Sawblade size	20" x 1" bore
Saw spindle speed	2800 R.P.M
Saw motor	7.5 HP
Drilling motor	2 HP
Drilling servomotor	750 w
Max. drilling stroke	100 mm
Feeding speed	10-40 m/min
Servomotor	1kw
Table height from floor	920 mm
Touch screen	9.7"
Air pressure	4-6 kg / cm ²
Main machine dimensions	10,623 x 1,790 x 1,783 mm (practical 6.5m)
Main machine packing dimensions	10,623 x 1,790 x 1,884 mm
Main machine net / gross weight	3,910 / 4,610 kgs

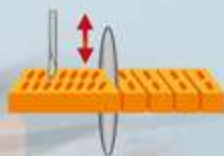
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JIH-CNC18MDS

CNC Milling, Drilling, Tapping
And Sawing Composite Machine



- A multi-function machine that combines automatic milling, drilling, tapping and sawing operations in one.
- Fit a spindle head on the sawing machine to perform milling, drilling, and tapping operations.
- Equipped with a CNC controller in combination with the use of touch screen for use-friendly operations.
- Axes are driven by servomotors and transmitted through ballscrews to achieve fast and accurate positioning.
- Sawing length and drilling/milling positions can be set as desired.
- Milling, drilling, tapping and sawing operations can be accomplished at one time for a single workpiece.
- Allows for selection of various machining processes.
- Provides 4 machining modes: 1. Sawing mode 2. Synchronized milling and sawing 3. Tool change machining 4. Long workpiece mode.
- Automatic tool change system.
- Humanized operation control, Multi-function with high precision.
- Suitable for automated production requirements.
- Dramatically reduces machining time and simplifies production processes.



SPECIFICATIONS

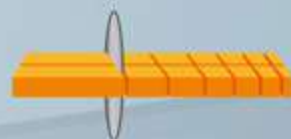
JIH-CNC18MDS

Tool magazine capacity	8 tools
Auto transmission device	Servomotor driven ballscrew
Working stroke	1 m
X, Y, Z-axis stroke	1,100 / 325 / 330 mm
Cutting capacity (H x W)	120 x 120, 100 x 200, 20 x 280 mm
Sawblade size	18" x 1" bore
Saw spindle speed	12,000 R.P.M
Saw motor	7.5 HP
Milling spindle motor	3.8 kw
Hydraulic feed motor	1 HP
X1 / X2 axis servomotor	850 / 850 w
Y / Z-axis servomotor	750 / 750 w
Spindle taper	NBT 30
Touch screen	12"
Rapid traverse (X / Y / Z)	X:40; Y:25; Z:25 m /min
Machine dimensions (LxWxH)	3,500 x 2,120 x 2,650 mm
Packing dimensions (LxWxH)	3,600 x 2,220 x 2,750 mm
Net/Gross weight	2,600 / 2,780 kgs

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JIH-AUTO 3000

Automatic Positioning
System



Touchscreen	7"
Servomotor	750 w
Max. memory	100 sets
Positioning speed	5 - 40 M/min
Max. holding force	50 kgs
Max. pushing force	50 kgs



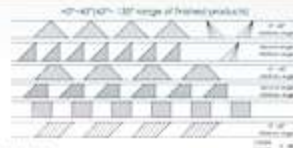
SPECIFICATIONS

	A	B	C	D	E
Length (L)	3,200 mm	4,200 mm	5,200 mm	6,200 mm	7,200 mm
Feed (L.I)	2,500 mm	3,500 mm	4,500 mm	5,500 mm	6,500 mm

- Can be used with any model to perform automatic positioning or automatic feed function.

JIH-AUTO20R

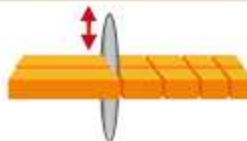
NC Automatic Rotary
Angular Sawing Machine



- OPTIONAL EQUIPMENT: Outfeed conveyor, chip collector, hydraulic feeding, High precision gear rack transmission, one piece fabricated machine body.

JIH-AUTO18D

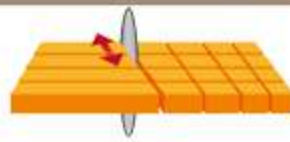
NC Automatic
Sawing Machine



- OPTIONAL EQUIPMENT: CE standard, outfeed conveyor, chip collector, hydraulic feeding, sawblade

JIH-AUTO24L

Automatic Sawing
Machine Series



- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector and sawblade

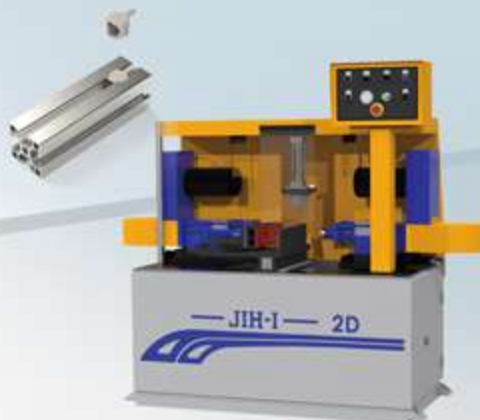
JIH-2D Double Head Drilling Machine



- Automatic workpiece clamping and automatic drilling provide high efficiency.
- During machining, cutting fluid sprays automatically for oil mist lubrication.
- The spindle belt is timing belt. Hydraulic cutting features stable speed.
- The drilling machine is equipped with a slide for convenience in adjusting drilling depth.

- OPTIONAL EQUIPMENT: CE standard, tool, fixture

SPECIFICATIONS	JIH-2D
Drilling motor	3 HP x 2
Hydraulic motor	2 HP
Hydraulic drilling speed	2,000 R.P.M
Max. drilling capacity	20 mm (Aluminum)
Max. drilling stroke	150 mm
Air pressure	4 - 6 kgs/cm ²
Machine dimensions (LxWxH)	1,900 x 800 x 1,750 mm
Packing dimensions (LxWxH)	2,020 x 920 x 1,950 mm
Net/Gross weight	940 / 1,140 kgs



JIH-170/170H Copy Milling Machine



- This machine is designed for irregular milling on aluminum doors and windows, such as door lock hole machining.
- The right lever controls the cross and longitudinal movement of milling head.
- The left lever controls the vertical movement of milling head.
- Extremely smooth motion allows for effortless milling operations.
- Workpiece clamping is pneumatically operated.
- Supplied with a template with various frequently used holes without need of additional mold.
- The table surface is attached with the Bakelite plate to avoid damage to the workpiece surface.
- Equipped with an oil mist nozzle to avoid affection of the tool life due to overheating.

- OPTIONAL EQUIPMENT: Milling cutter, infeed/outfeed conveyor, template.

SPECIFICATIONS	JIH-170A	JIH-170B	JIH-170H
Longitudinal stroke	280 mm	340 mm	360 mm
Cross stroke	120 mm	240 mm	199 mm
Vertical stroke	150 mm	180 mm	170 mm
Saw spindle speed	12,000 R.P.M	12,000 R.P.M	12,000 R.P.M
Spindle motor	1 HP	2 HP	3 HP
Table area (LxW)	630 x 180 mm	680 x 300 mm	570 x 240 mm
Table height from floor	815 mm	808 mm	726 mm
Chuck size	6.8, 10 mm (opt.)	6.8, 10 mm (opt.)	ER type 6.8, 10 mm (opt.)
Air pressure	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²	4 - 6 kgs/cm ²
Machine dimensions (LxWxH)	780 x 630 x 1,660 mm	990 x 900 x 1,660 mm	861 x 953 x 1,614 mm
Packing dimensions (LxWxH)	900 x 750 x 1,860 mm	1,110 x 1,020 x 1,860 mm	961 x 1,053 x 1,714 mm
Net/Gross weight	156 / 220 kgs	205 / 280 kgs	400 / 415 kgs

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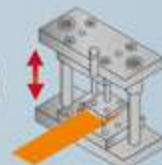


JIH-250 Hydraulic Press



FEATURES

- This machine employs hydraulic drive for powerful punching.
- Range of punching force: 8 - 25 tons to select.



SPECIFICATIONS	JIH-250A	JIH-250B	JIH-250C	JIH-250E
Punching force	8 ton	10 ton	15 ton	25 ton
Motor	3HP (5 HP opt. For increasing production)	5 HP	7.5 HP	10 HP
Stroke	150 mm	150 mm	150 mm	150 mm
Punching height	240 mm	260 mm	250 mm	349 mm
Hyd. pressure (instant pres.)	150 kgs/cm ²	170 kgs/cm ²	180 kgs/cm ²	180 kgs/cm ²
Table area (LxW)	240 x 500 mm	258 x 526 mm	325 x 580 mm	325 x 790 mm
Table height from floor	740 mm	917 mm	917 mm	988 mm
Machine dimensions (LxWxH)	600x550x1,680 mm	866x520x1887 mm	923x1004x2031 mm	1,190x1,127x2,173mm
Packing dimensions (LxWxH)	720x670x1,860 mm	966x620x1987 mm	1023x1104x2131 mm	1,370x1,247x2,353mm
Net/Gross weight	290 / 380 kgs	350 / 440 kgs	550 / 650 kgs	1,190 / 1,300 kgs

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JIH-85H Hydraulic Corner Jointing Machine



FEATURES

- Hydraulic drive for corner jointing operation provides stable and smooth motions.
- Simplified structure. Minimum trouble.



- OPTIONAL EQUIPMENT: Corner jointing tool

SPECIFICATIONS	JIH-85H
Hydraulic motor	3 HP hydraulic
Corner jointing position adjustment	70 mm
Workpiece height	80 mm
Corner jointing range	120 mm
Corner jointing stroke	70 mm
Table area (LxW)	850 x 600 mm
Table height from floor	950 mm
Air pressure	4 - 6 kgs/cm ²
Machine dimensions (LxWxH)	1,500 x 1,000 x 1,200 mm
Packing dimensions (LxWxH)	1,620 x 1,120 x 1,400 mm
Net/Gross weight	350 / 420 kgs

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