



JIH-CNC H



JIH-CNC M



JIH-CNC S4



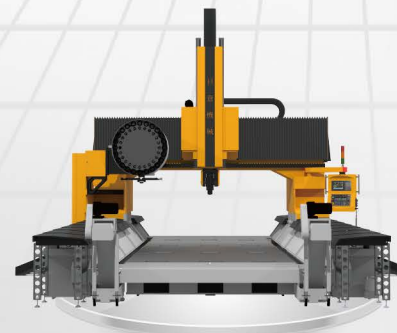
JIH-CNC E



JIH-CNC S5



JIH-CNC 48B



JIH-CNC 650G



JIH-CNC 300A

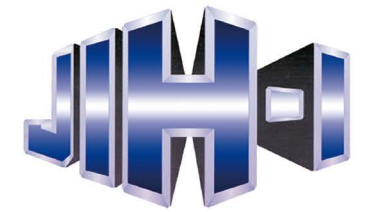
Contact us for a catalog of machining centers.



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JIH-I MACHINERY
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5-axis Machining Equipment
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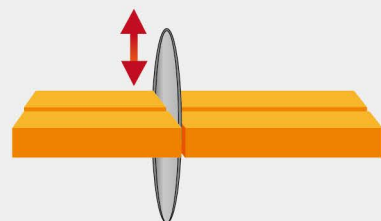
About Us JIH-I MACHINERY

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.



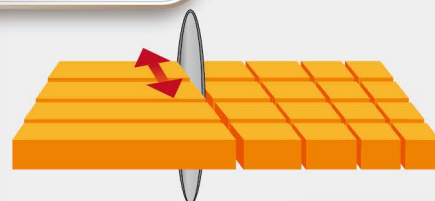
90° Vertical Sawing Semi-automatic Type



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

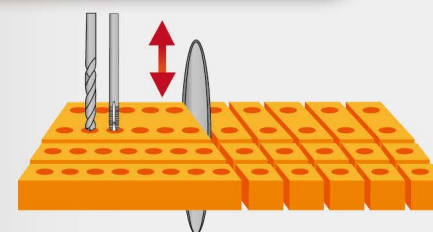
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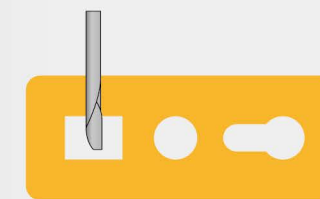
Multi-function Composite Machine (Drilling, Tapping, Sawing)



JIH-AUTO18DS.AUTO18DTS
JIH-AUTO18DSW

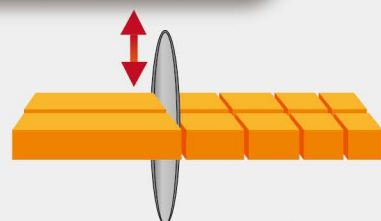
Page: 27

Copy Milling Machine



JIH-170A.170B.170H Page: 31

90° Vertical Sawing Automatic Type



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

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Panel Sawing

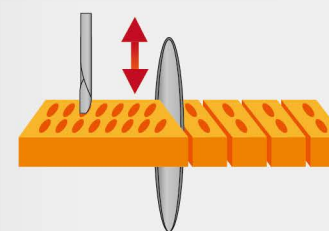


JIH-8CS.10CS.12CS
JIH-T1

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

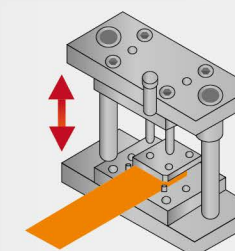


JIH-AUTO20RDS
JIH-CNC18MDS

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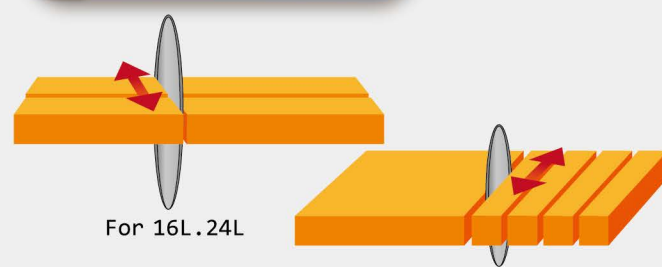
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Hydraulic Press



JIH-250A.B.C.E Page: 32

90° Horizontal Sawing Semi-automatic Type



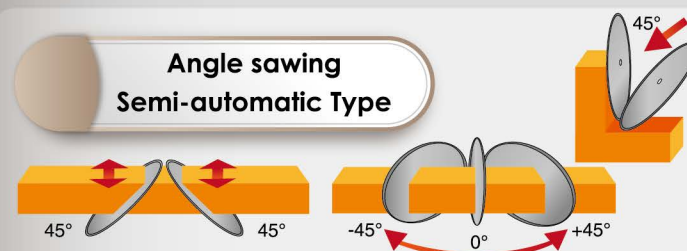
For 16L.24L

For 30LA.30LB

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

Page: 09

Angle sawing Semi-automatic Type



45° JIH-14A.14B.14C.350L

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45°~135° JIH-16.20.2024
JIH-2030.2036

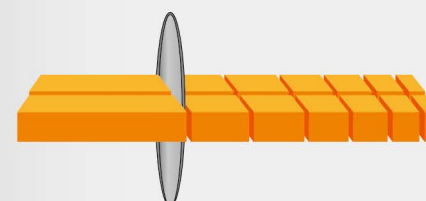
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45°~180° JIH-LJK600

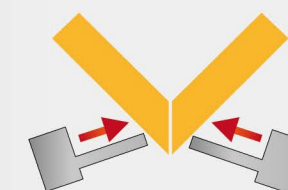
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Automatic Positioning system



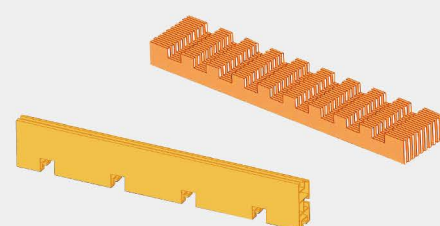
JIH-AUTO3000 Page: 30

Corner Jointing Machine



JIH-85H Page: 32

Automatic Slotting Machine



JIH-NC18SM Page: 10

Angle sawing Automatic Type



22.5°~135°

JIH-T3

Page: 21

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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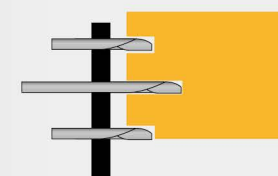
Drilling Machine



For 2D

JIH-2D Page: 31

End Milling Machine



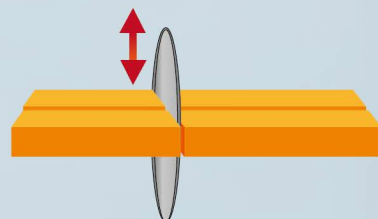
JIH-125P Page: 33

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.



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.

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

| SPECIFICATIONS | JIH-18A | JIH-18C | JIH-18D | JIH-18P | JIH-24D | JIH-30D (Hydraulic Feeding) |
|----------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---|
| | 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 1,660 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 | 960 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 |

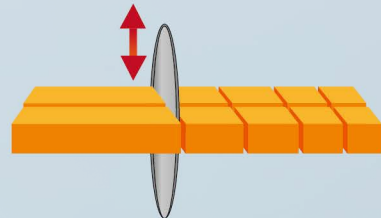
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-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.

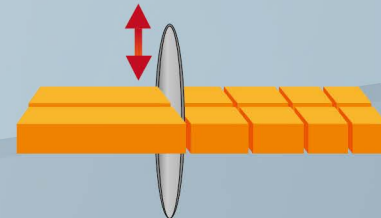
- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector and sawblade

| 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 operation.
- 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 |

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JIH-16L/24L

Horizontal
Semi-automatic
Sawing Maching

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 Maching
Straight Cutting For Panels



FEATURES

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

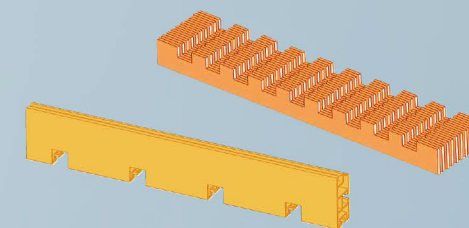
- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, hydraulic feeding, sawblade, and horizontal clamp
- Perform automatic positioning, automatic feeding(pusher), and automatic cutting functions. (opt.).

| SPECIFICATIONS | JIH-16L | JIH-24L | JIH-30LA | JIH-30LB |
|----------------------------|---------------------------|--|------------------------------------|--------------------------------------|
| Cutting angle | 90° | 90° | 90° | 90° |
| Cutting capacity (HxW) | 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 1,800 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

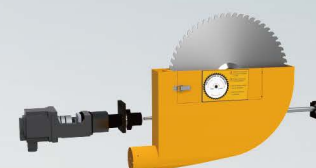
Automatic
Slotting Machine



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 |

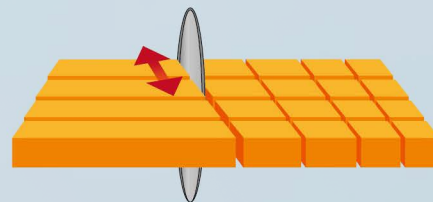
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

JIH-NC24L/30L/36L

NC Sawing Machine High Production Cutting



PATENT NO. 223604



- Automatic feed, positioning, oil 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 memorize 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.

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



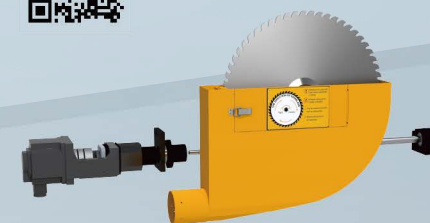
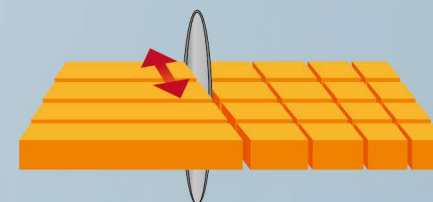
SPECIALLY DESIGNED CUTTING MOTIONS

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.

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

JIH-NC24LS/24LBS

NC Sawing Machine High Production Cutting



Servo motor drives ball screw feed

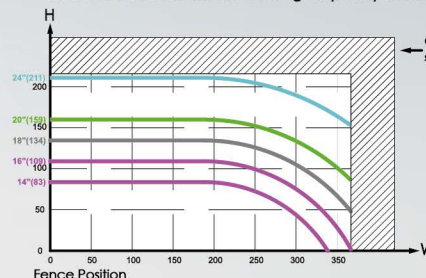
- Fast action, precise positioning, huge Efficiency improvement.
- Automatically speed up or slow down the cutting speed according to the sharpness of the saw blade.
- Current monitoring prompts for a new blade to be replaced.



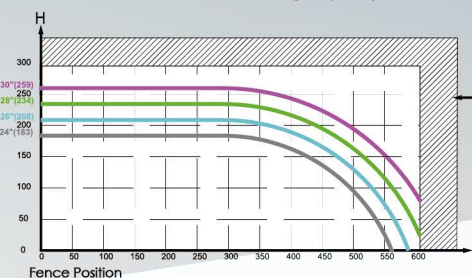
OPTIONAL EQUIPMENT

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

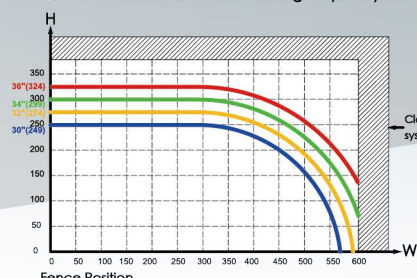
JIH-NC24L : 14 inc~24 inc Cutting Capacity Chart



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) | 1,000 mm (opt. 2,500 mm / 6,000mm) | 1,000 mm (opt. 2,500 mm / 6,000mm) | 1,000 mm | 2,500 mm |
| | Reciprocating feed | Reciprocating feed | Reciprocating feed | Reciprocating feed | 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 | 1,000 ~ 3,000 R.P.M | 900 ~ 1,500 R.P.M | 1,500 ~ 3,500 R.P.M | 1,500 ~ 3,500 R.P.M |
| | Variable speed can be set according to sawblade size | Variable speed can be set according to sawblade size | Variable speed can be set according to sawblade size | Variable speed can be set according to sawblade size | 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 | - | - |
| 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 ~6kgs/cm2 | 4~ 6 kgs/cm2 | 4 ~6 kgs/cm2 | 4~6 kgs/cm2 | 4~6kgs/cm2 |
| 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



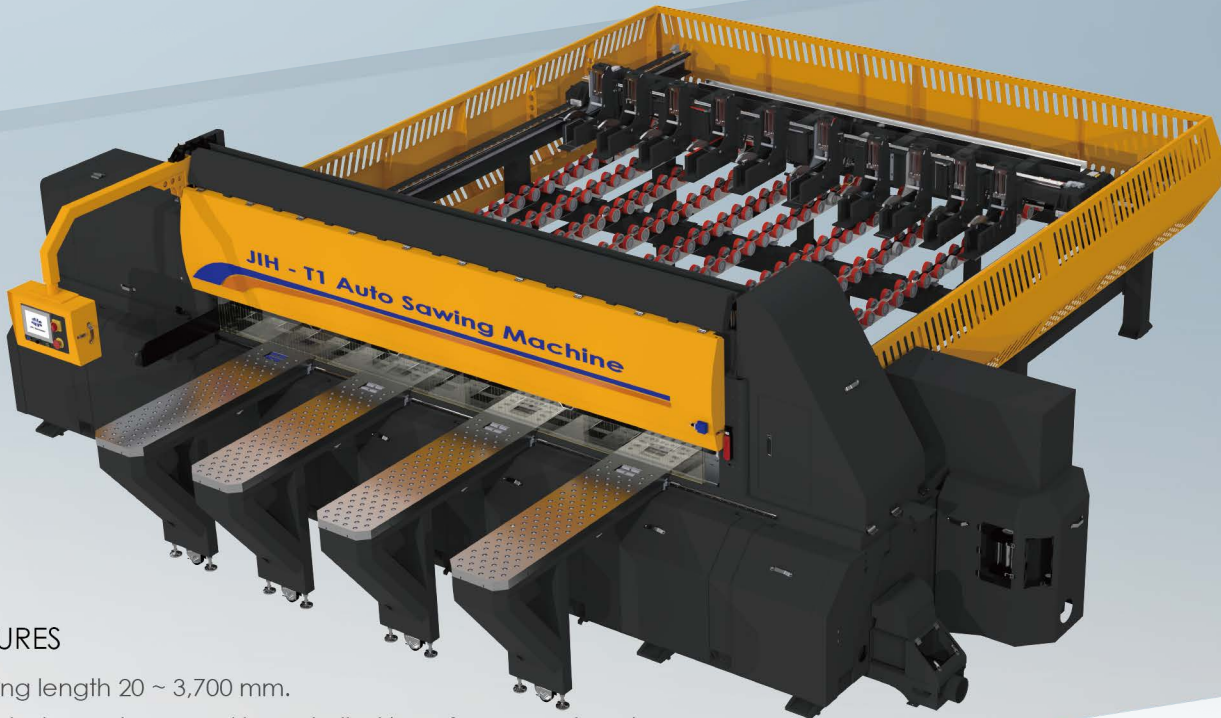
FEATURES

- Advanced computer control for maximum operation convenience.
- Choice of cutting capacity- 8', 10' and 12'.
- Variable pusher feed speed.
- Online with personals computer.
- Self diagnostic function of the material width.
- Conveniently 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-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 | 1000 ~ 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 fixture: 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/cm2 |
| 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.

| 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 |
| NetGross 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.

JIH-FAL18D CNC

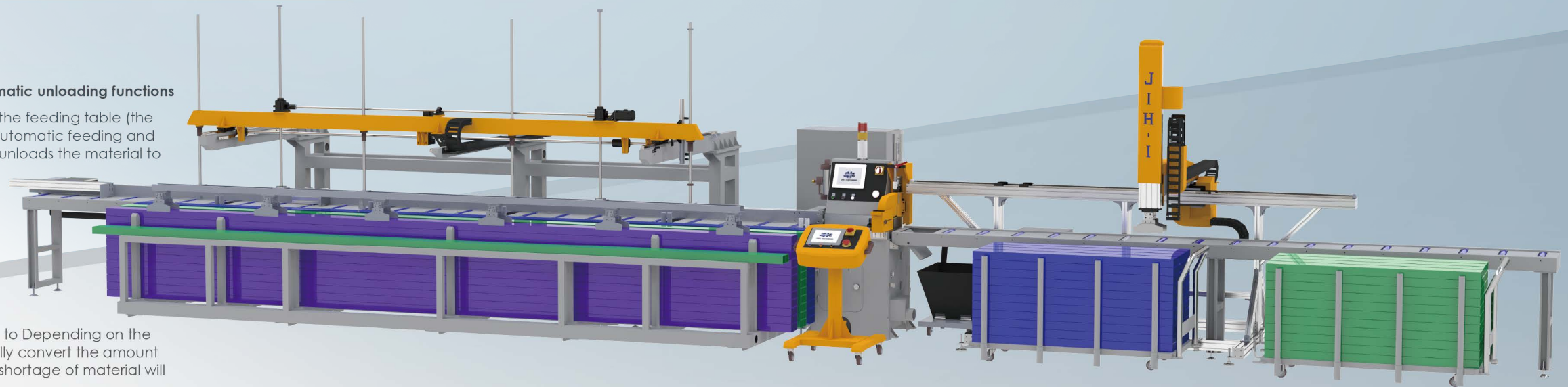
Fully automatic intelligent
production line sawing machine



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).
- Yitu main machine JIH-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 tailings.
- 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

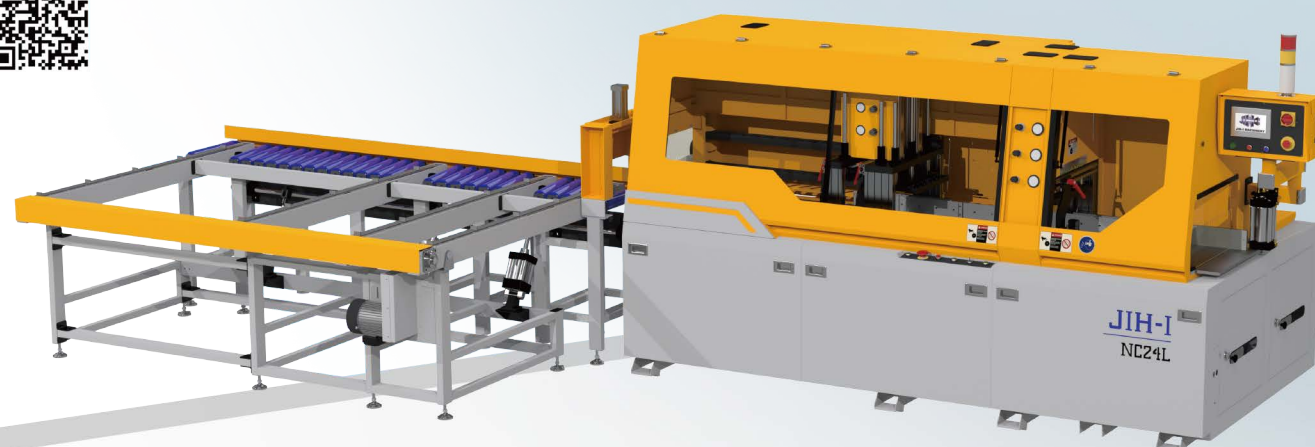
- Place material on oil pressure drop the table, the robotic arm automatically pushes to the feeding table (optional automatic feeding length), and then automatically feeds the saw ,after finishing, the three-axis robotic arm will automatically place the sawed material on the feeder. (Automatic unloading 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 accoring to the material size. Automatically convert the total amount of materials, the number of sawn and the remaining amount, and report the replenish ment of insufficient material.
- Main machine JIH-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 paralleled 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 tail 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.



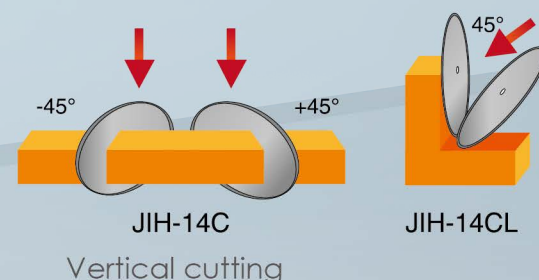
FEATURES

- 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.

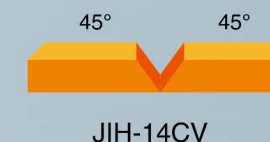


JIH-14A/14B/14C/350L

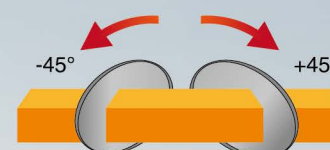
45° Double Blade Angular Sawing Machine Series
(Three functions in one)



Vertical cutting



JIH-14C Series



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 | 180 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) | 500 x 320 mm |
| 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 (Lx W x H) | 1,370 x 820 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 (Lx W x H) | 1,490 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-AR

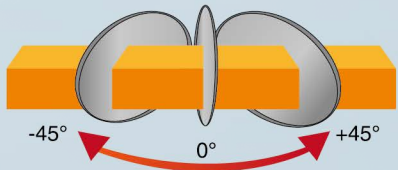
JIH-AP

JIH-20

Rotary Angular Sawing Machine



PATENT NO. 217250



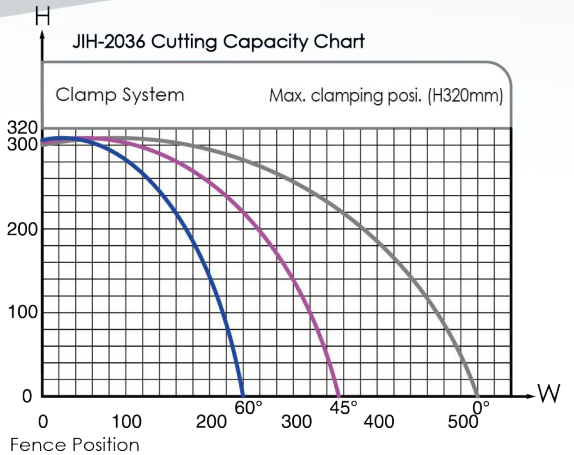
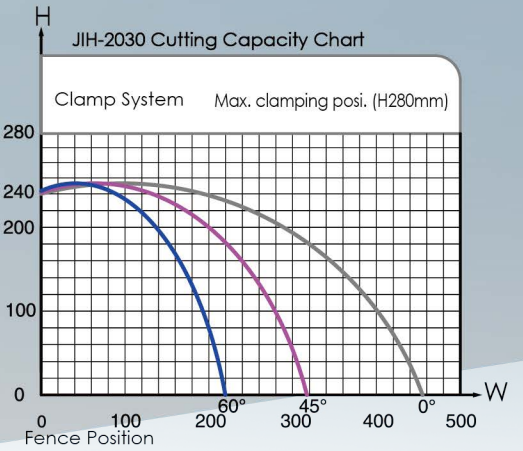
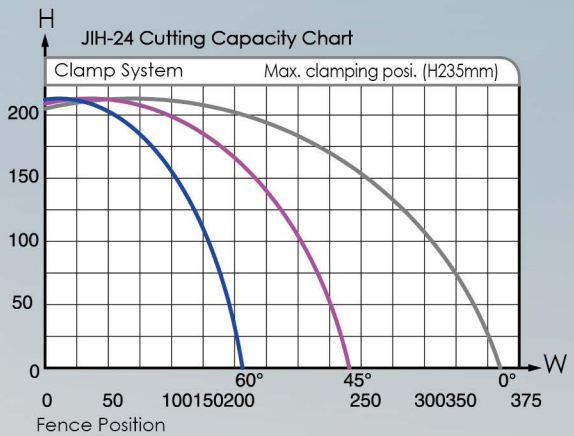
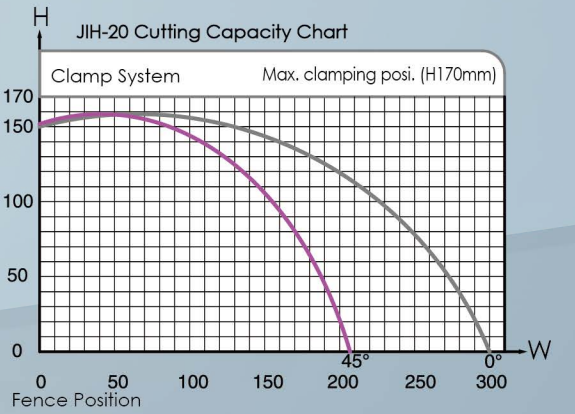
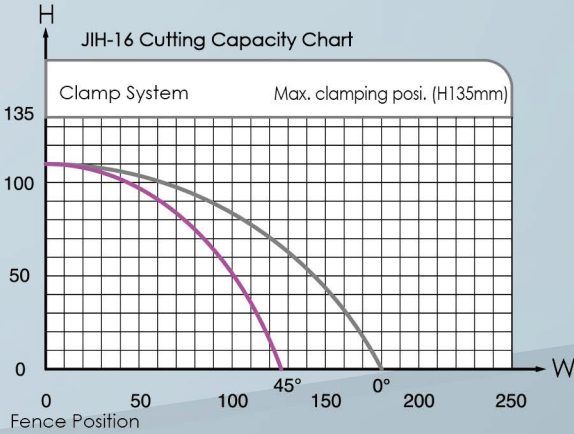
FEATURES

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



JIH-20

JIH-20CE



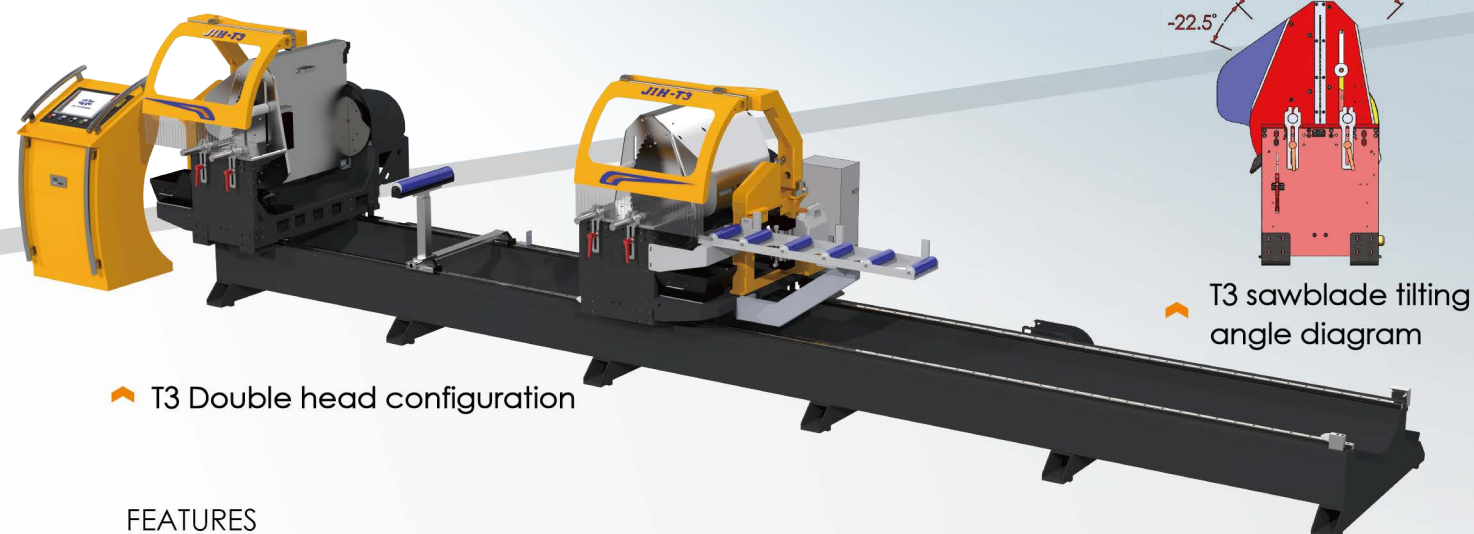
- Optional automatic angle rotating function: JIH-16R, JIH-20R, JIH-2024R, JIH-2030R, JIH-2036R.
- OPTIONAL EQUIPMENT: CE standard, infeed/outfeed conveyor, chip collector, horizontal clamp, hydraulic feeding, automatic angle rotating function, sawblade,
- With AUTO 3000 for automatic positioning, automatic 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 880 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 Tilting
Sawing Machine



➤ T3 Double head configuration

FEATURES

- Automatic sawblade tilting 22°~ 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 AUTO3000 system for automatic positioning | |
| Cutting capacity (HxW) | | Min. cutting distance | Cutting size | For 90° Cuts : 170 mm x 150 mm For 45° Cuts : 180mm x 125mm | |
| | -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 pce, Blade swing 1 kw x 2 pcs | | | Saw Tilt (1kw) x 1 | |
| Sawblade size | 22" x 1" bore x 2 pcs | | | 22" x 1" x1pcs | |
| 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.

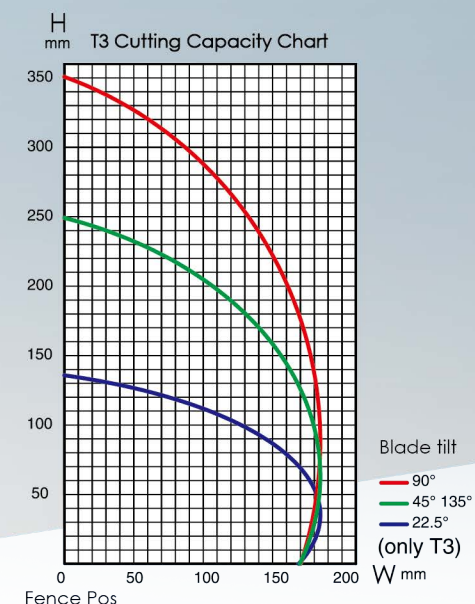
JIH-T3S

Single Head Tilting
Sawing Machine

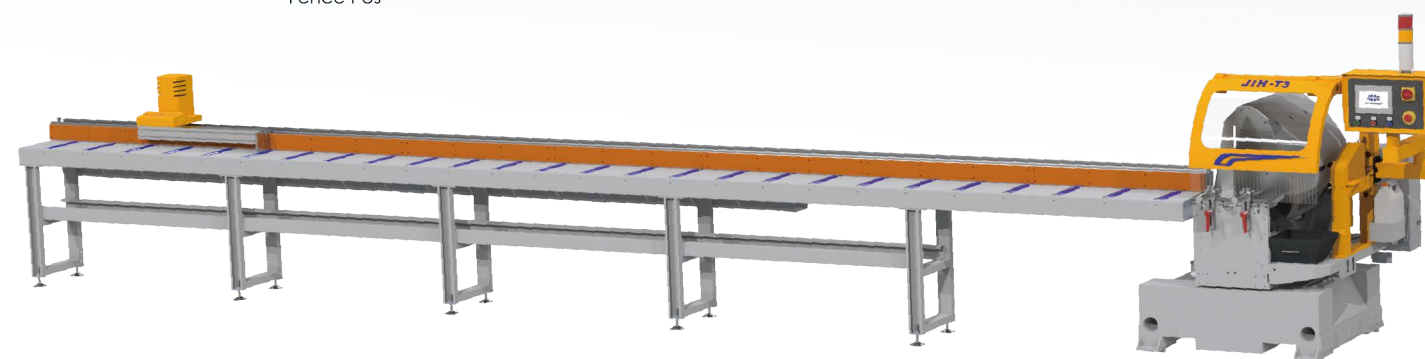


FEATURES

- 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 Slicing Machine

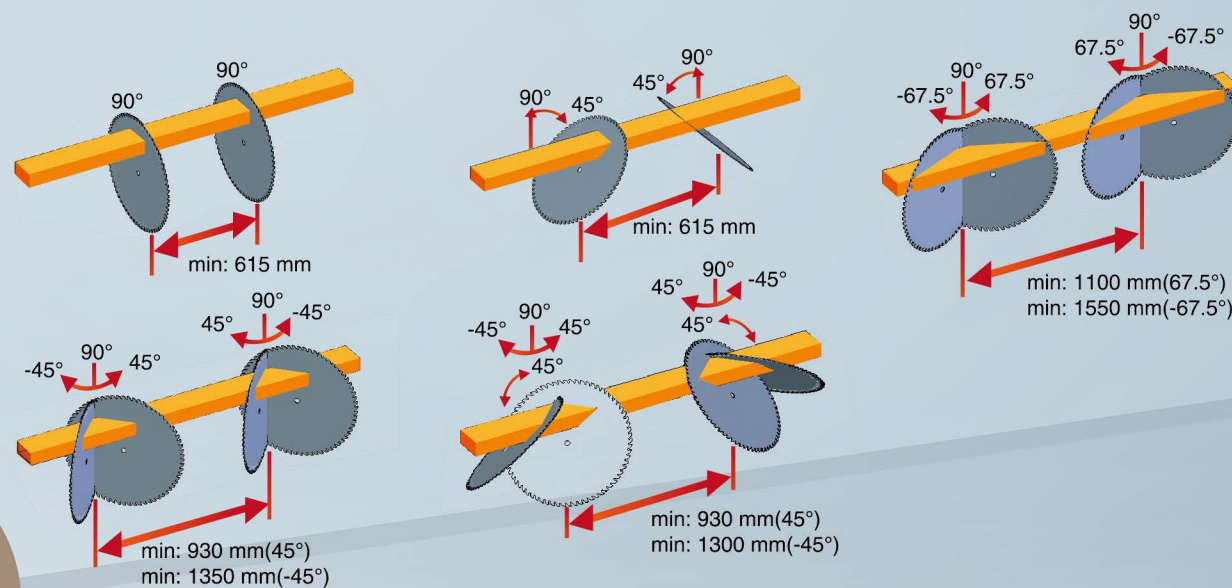


FEATURES

- 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

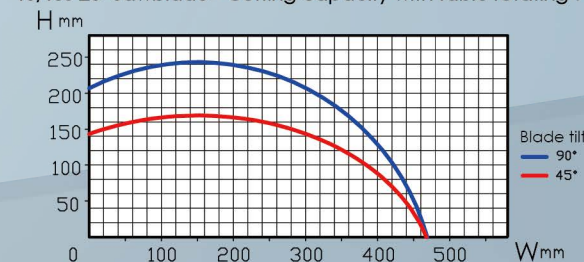
T5S FEATURES Performs automatic feed and automatic cutting functions when used with AUTO3000 or AUTO3000W

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

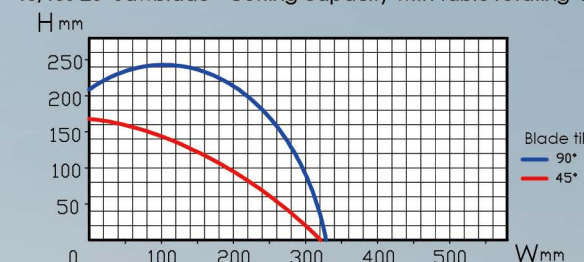
| SPECIFICATIONS | JIH-T5-26 | JIH-T5-30 | JIH-T5S-26 | JIH-T5S-30 |
|----------------------------------|---|---|---|---|
| Control mode of angle and length | NC controls cutting length and angle | NC controls cutting length and angle | NC Control Cutting Angle | NC Control Cutting Angle |
| Automatic positioning function | Yes (Opt. Positioning Length X axis 4.5m ~ 6.5m) | Yes (Opt. Positioning Length X axis 4.5m ~ 6.5m) | Opt. connect With JIH-AUTO 3000 | Opt. connect With JIH-AUTO 3000 |
| Cutting capacity (HxXW) | For 90° Cuts: 200 x 310 mm For 45° Cuts: 140 x 310 mm 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°) Refer to T5-26 Cutting Capacity chart | For 90° Cuts: 200 x 410 mm For 45° Cuts: 140 x 410 mm Max Cuts Length 4,500 mm (Opt. 6,500 mm) Min Cuts Length 690 mm(When Table rotary 90° And Saw Tilt 90° or 45°) Min Cuts Length 1,100 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°) Refer to T5-30 Cutting Capacity chart | 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 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.

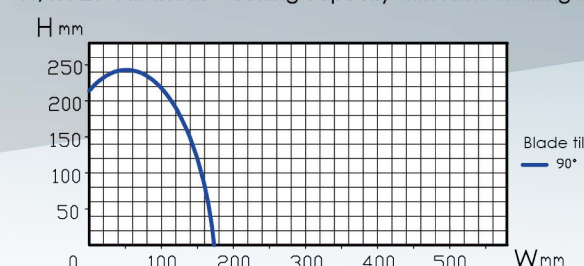
T5/T5S 26" Sawblade - Cutting capacity with table rotating 90°



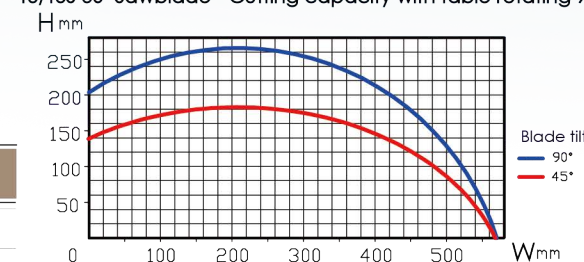
T5/T5S 26" Sawblade - Cutting capacity with table rotating 45°



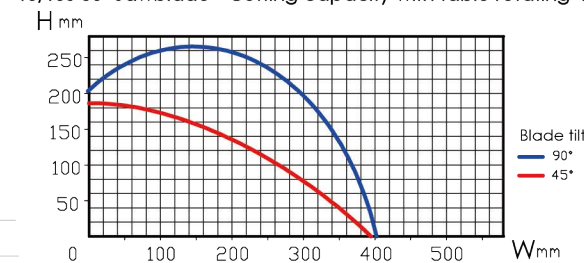
T5/T5S 26" Sawblade - Cutting capacity with table rotating 67.5°



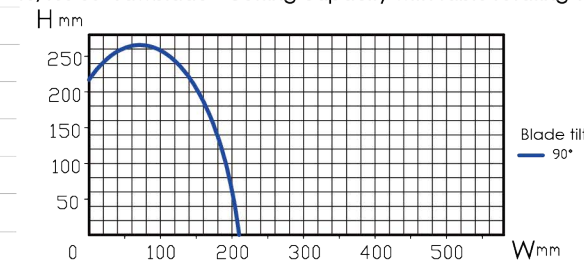
T5/T5S 30" Sawblade - Cutting capacity with table rotating 90°



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

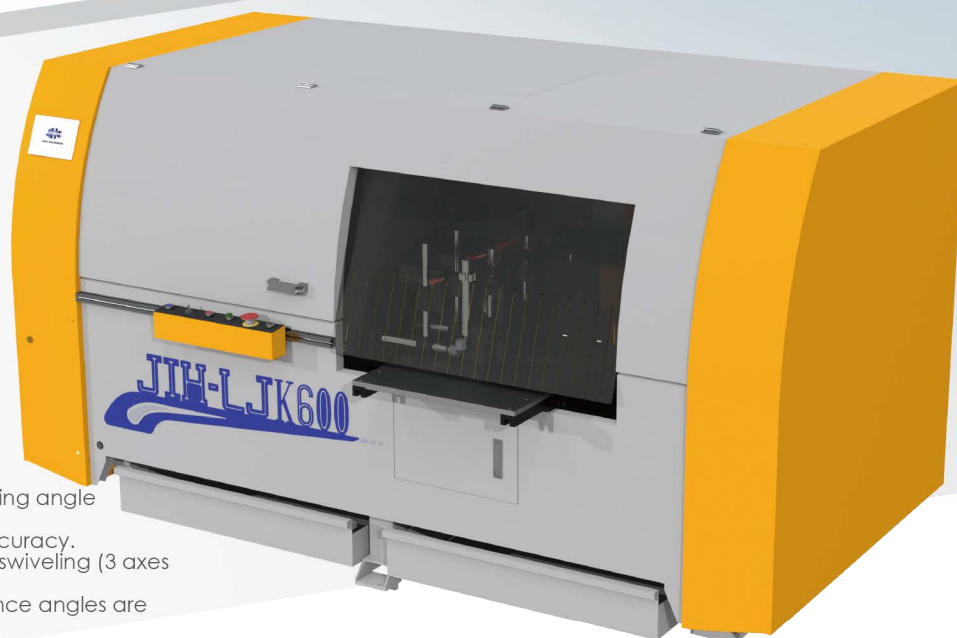
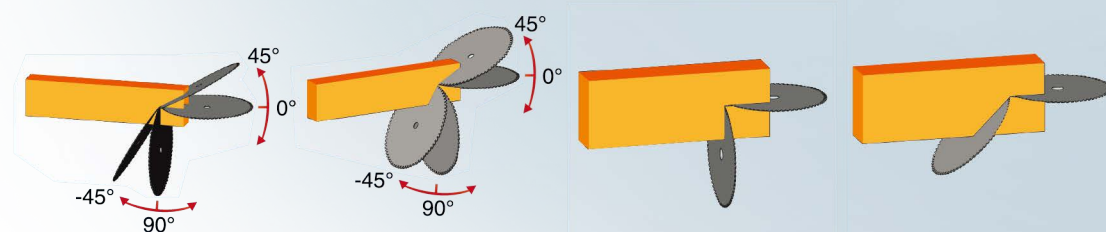


T5/T5S 30" Sawblade - Cutting capacity with table rotating 67.5°



JIH-LJK600/LJK600NC

Corner Notching Machine



FEATURES

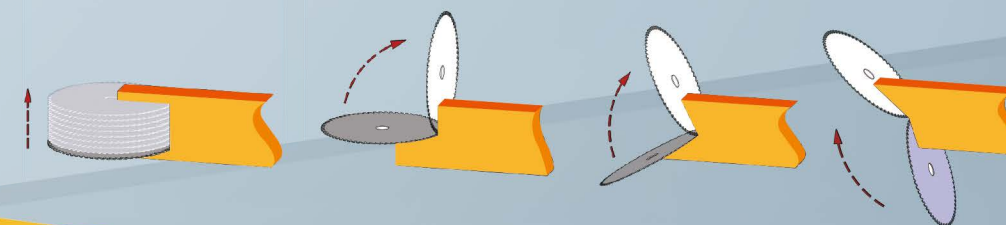
- Vertical and horizontal sawblades.
- Sawblade tilting angle 45°~90°~180°
- LJK-600 manual control of sawblade tilting angle combined with LCD display ensures high angle accuracy.
- LJK-600NC-3 features automatic angle swiveling (3 axes servo drive).
- LJK-600NC-5 (optional) Stopper and fence angles 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 (LxMxH) | 3,000 x 1,820 x 1,680 mm | 3,000 x 1,820 x 1,680 mm |
| Packing dimensions (LxMxH) | 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



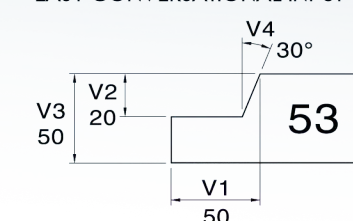
CUTTING SHAPES

| | | | |
|----|----|----|----|
| 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 sizes, 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 |

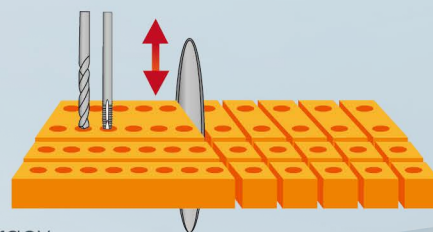
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

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)

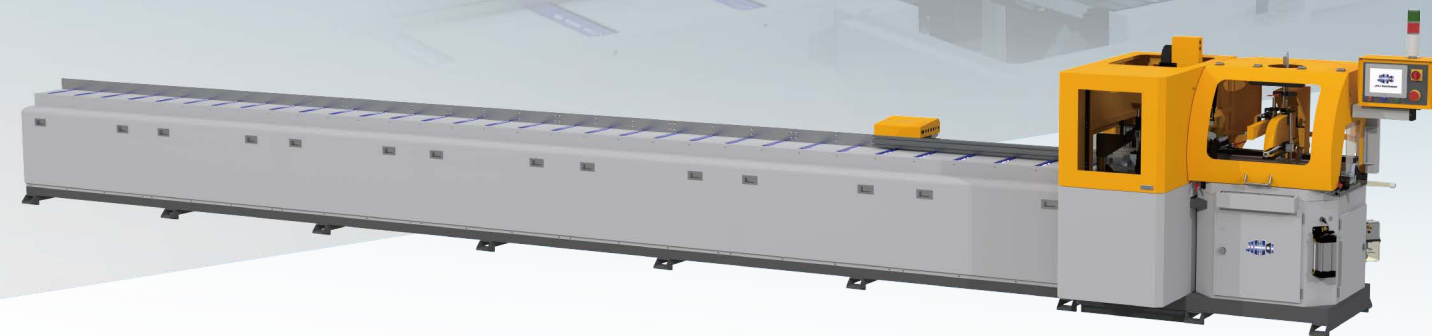
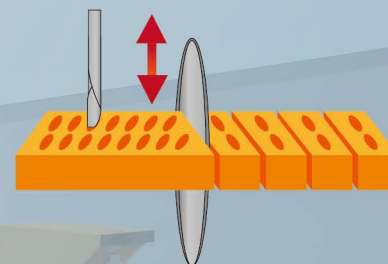


JIH-AUTO20RDS

CNC Milling, Drilling, 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 (LxMxH) | 1,760 x 1,180 x 2,000 mm | 2,530 x 1,350 x 2,230 mm | (Actually measure 6.5m) 9,200 x 1,100 x 2,010 mm |
| Main machine packing dimensions (LxMxH) | 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.

| 規格 | 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 1,864 mm |
| Main machine net / gross weight | 3,910 / 4,610 kgs |

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

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 user-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.

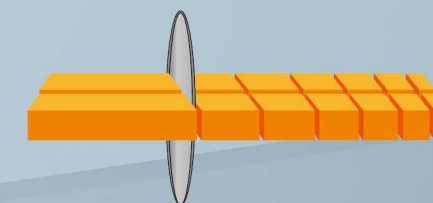


| SPECIFICATIONS | JIH-CNC18MDS |
|----------------------------|-----------------------------------|
| Tool magazine capacity | 8 tools |
| Auto transmission device | Servomotor driven ballscrew |
| Working stroke | 1 m |
| X, Y, Z-axis stroke | 1,100 / 325 / 330 mm |
| Cutting capacity (H x W) | 120 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 |

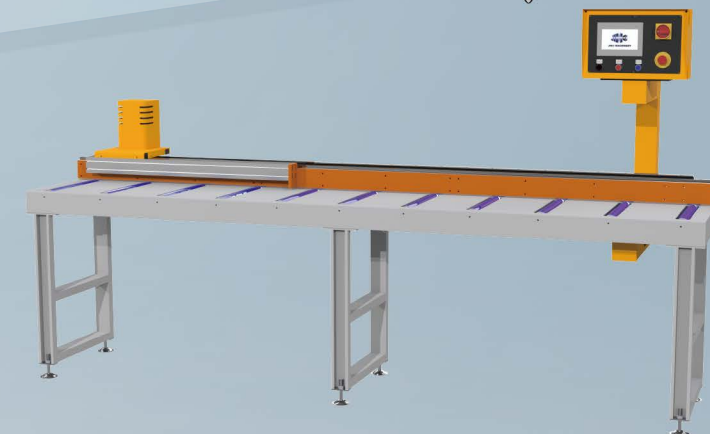
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

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 |

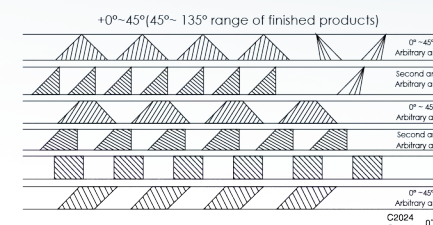


| SPECIFICATIONS | A | B | C | D | E |
|----------------|----------|----------|----------|----------|----------|
| Length (L) | 3,200 mm | 4,200 mm | 5,200 mm | 6,200 mm | 7,200 mm |
| Feed (L1) | 2,500 mm | 3,500 mm | 4,500 mm | 5,500 mm | 6,500 mm |

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

JIH-AUTO20R

NC Automatic Rotary
Angular Sawing Machine

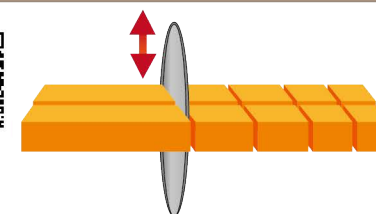


- OPTIONAL EQUIPMENT:
Outfeed conveyor, chip collector, hydraulic feeding
- High precision gear rack transmission, one piece fabricated machine body.



JIH-AUTO18D

NC Automatic
Sawing Machine

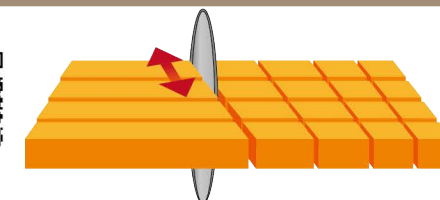


- OPTIONAL EQUIPMENT: CE standard, outfeed conveyor, chip collector, hydraulic feeding, sawblade

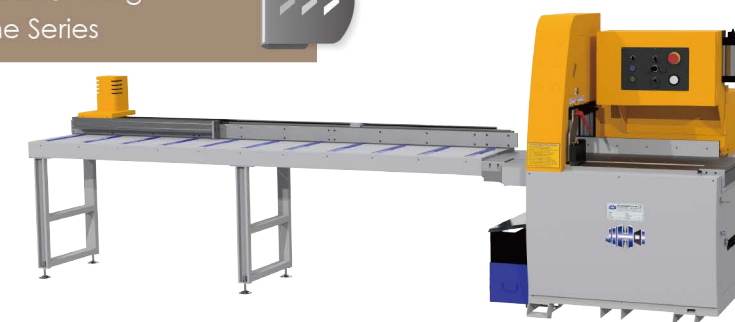


JIH-AUTO24L

Automatic Sawing
Machine Series



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



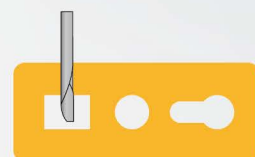
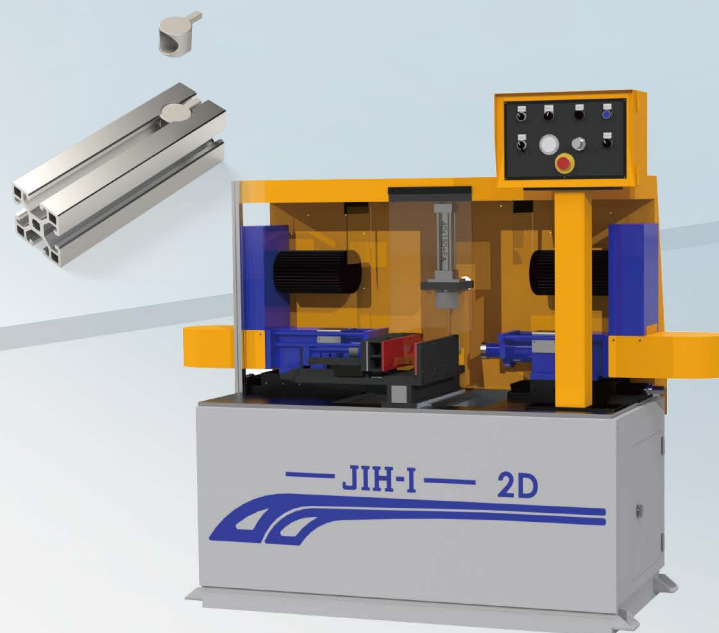
JIH-2D Double Head Drilling Machine



- 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 |

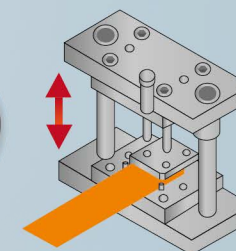
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

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 |

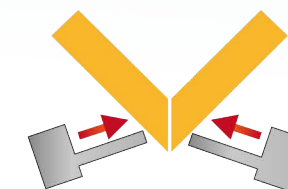
- As the manufacturer constantly improves machines, the above specifications and design characteristics are subject to change without prior notice.

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 |

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



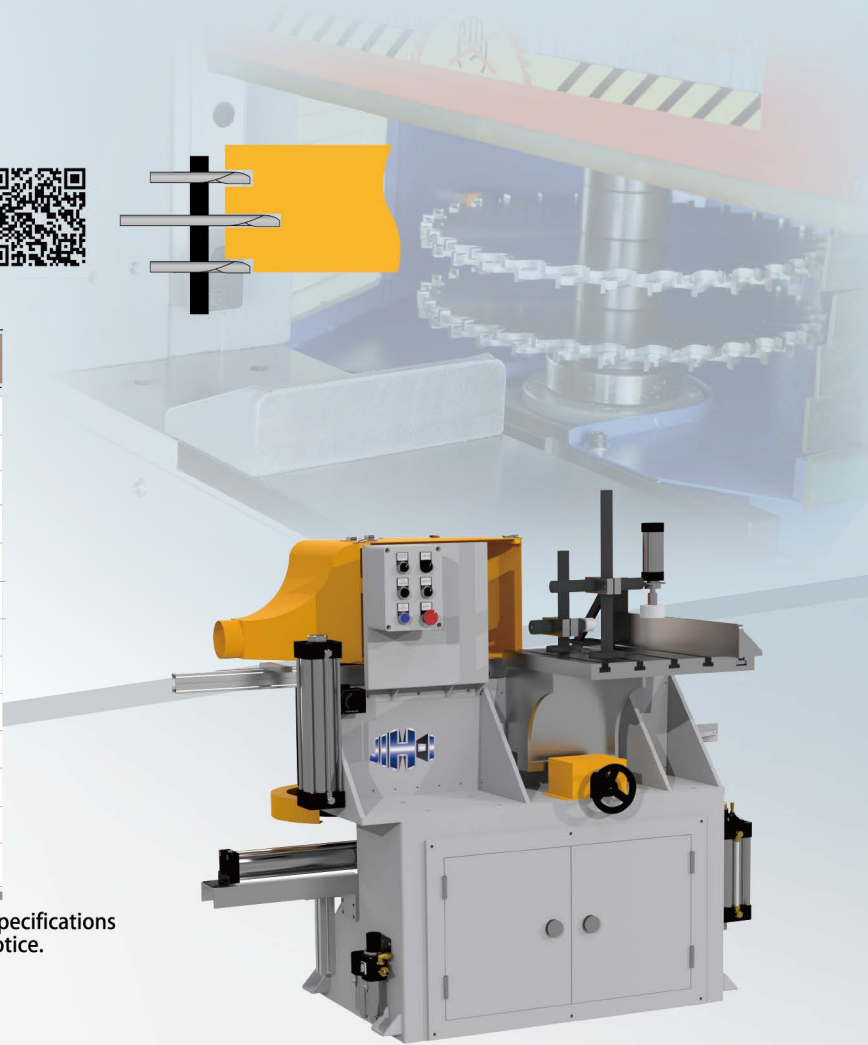
JIH-125P End Milling Machine



- OPTIONAL EQUIPMENT: CE standard, sawblade

| SPECIFICATIONS | JIH-125P |
|----------------------------|---------------------------|
| Spindle Motor | 5 HP |
| Saw spindle speed | 3,500 R.P.M |
| Spindle diameter | 50 mm |
| Max. sawblade size | 5"~10" mm |
| Cutting width | 260 mm |
| Cutting height | 85 mm |
| Cutting depth | 80 mm |
| Max. feed length | 500 mm |
| Table height from floor | 950 mm |
| Air pressure | 4 ~ 6 kgs/cm ² |
| Machine dimensions (LxWxH) | 1,100 x 1,500 x 1,400 mm |
| Packing dimensions (LxWxH) | 1,200 x 1,600 x 1,500 mm |
| Net/Gross weight | 310 / 410 kgs |

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



DM-515T/525T Chip Collector



| SPECIFICATIONS | DM-515T | DM-525TS |
|----------------------------|------------------------|--|
| Motor | 3 HP (opt. 2 HP) | 5 HP (opt. 3, 7.5 HP) |
| Fan diameter | 12 in | 14 in |
| Air flow | 1,328 CFM | 2,550 CFM |
| Drum diameter | 500 mm | 500 mm |
| Inlet port | 4 in x 2 | 5 in x 2 |
| Decibel | 66 ~ 86 dB | 70 ~ 90 dB |
| Dust collection capacity | 5 | 11 |
| Machine dimensions (LxWxH) | 1,000 x 550 x 2,450 mm | 1,500 x 550 x 2,450 mm |
| Packing dimensions (LxWxH) | 920 x 580 x 580 mm | Big box 920 x 580 x 580 mm Small box 570 x 540 x 350 mm |
| Net/Gross weight | 52 / 55 kgs | Big box 69 / 72 kgs Small box 8 / 10 kgs |

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



DM-515T DM-525T

JIH-B4 Aluminum Scrap Volume Reduction Compressor



| SPECIFICATIONS | JIH-B4 |
|----------------------------|--------------------------------|
| Max. cylinder output | 25 tons |
| Max. Oil pressure pressure | 210 kgs/cm ² |
| Finished size | Ø100 x (40~100 mm)(adjustable) |
| Fuel tank capacity | 200L |
| Fuel tank motor horsepower | 7.5HP |
| Stirring motor horsepower | 1/2HP |
| Feeding method | Dust collector feeding |
| Machine dimensions(LxWxH) | 2500 x 1150 x 3350 mm |
| Packing dimensions(WxDxH) | 2600 x 2000 x 1800 mm |
| Net / Gross weight | 1850 / 1950 kgs |

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



JIH-57B Rollers Stand

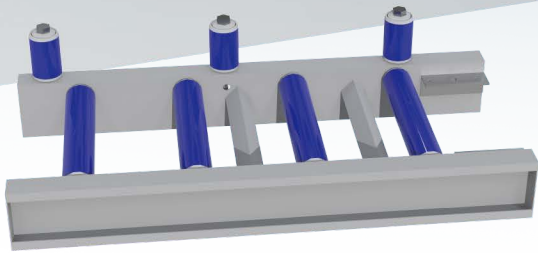


FEATURES

- Use a handle combined with gear transmission to fix and adjust height.



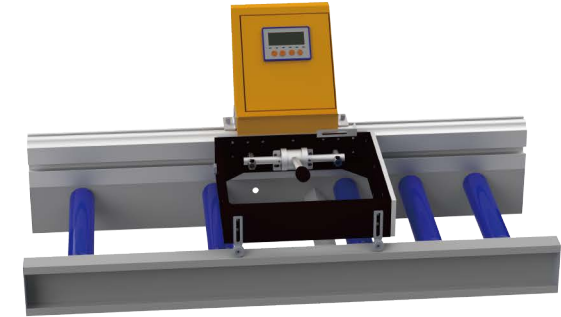
Label printer (opt.)



Infeed roller conveyor



Outfeed roller conveyor with measuring stopper



Outfeed roller conveyor with LCD display stopper