



ECT -SERIES



Double-End Tenoner

Double-End Sizer

Automatic Double-End
Curved Profile Sander

Automatic Single~End
Tenoner

Single-End Tenoner

Drilling and Milling Machine

Automatic Double~
End Tenoner



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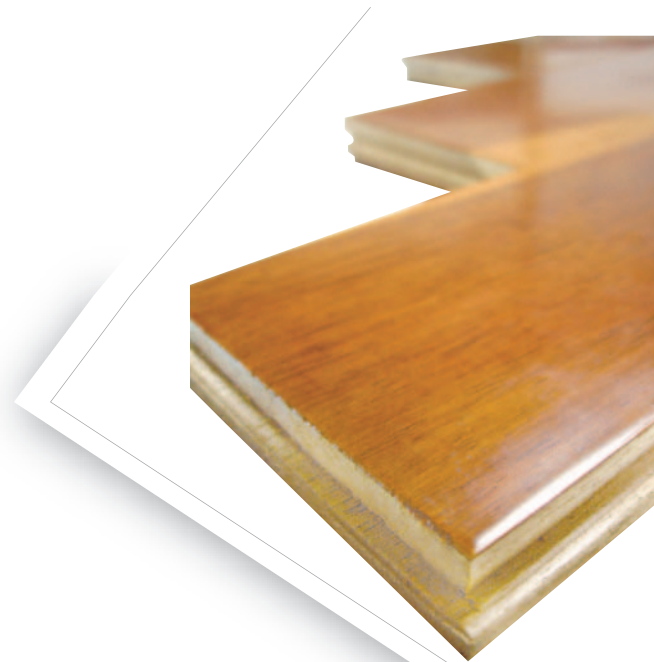
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ECT -SERIES

*“Reliably Precise and Durable;
Automated for High Production Capabilities;
Versatile in Design, Construction and Operation.”*



In order to produce furniture and flooring of the highest caliber, E-Chain Machinery's ECT-Series of wood-working machinery is an ideal choice; featuring the Double-End Tenoner, Double-End Sizer, Automatic Double-End Curved Profile Sander, Finger Shaper, Single-End Tenoner and Automatic Single-End Tenoner.

E-Chain Machinery's representative showpiece, the Double-End Tenoner has been warmly received over the years since its launch into international markets. Through mutually supportive relationships with our worldwide network of distributors, many of our machines have rapidly found their way to end-users across the globe. The Double-End Tenoner's abilities include cutting to precise sizes, profile moulding and sanding parallel sides of panels. Profile moulding allows versatility in the making of angular cuts, tongues or grooves of various dimensions in accordance to the users' specifications. It works well on all wood types; hard wood, soft wood and manufactured wood. Equipped with fully automatic functions, our Double-End Tenoners are designed and constructed to possess high production capabilities.

E-Chain Machinery's dedicated attention to after-sales service, turning valuable customer feedback into on-going incremental innovations, complimented with a production system valuing stringent precision both on the quality of each individual component and in the assembly of our machines, operated by our experienced team of engineers, have made the E-Chain logo synonymous with quality Double-End Tenoners.

The same principles guiding E-Chain Machinery's achievement in the Double-End Tenoner category have been applied in the development and manufacture of our Double-End Sizer, Automatic Double-End Curved Profile Sander, Finger Shaper, Single-End Tenoner and Automatic Single-End Tenoner.

Double-End Tenoner

S TYPE

ECT-8 SERIES 03-04

ECT-6 SERIES 05-06

A TYPE

ECT-8 SERIES 07-08

ECT-6 SERIES 09-10

Double ~End Sizer

C TYPE

ECT-4 SERIES 11-12

Automatic Double-End Curved Profile Sander

ECT-DS SERIES 13-14

Automatic Single-End Tenoner

ECT-SET100 15-16

Single-End Tenoner

ECT-WINDOTEC SERIES 17-18

Drilling and Milling Machine

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Automatic Double~End Tenoner

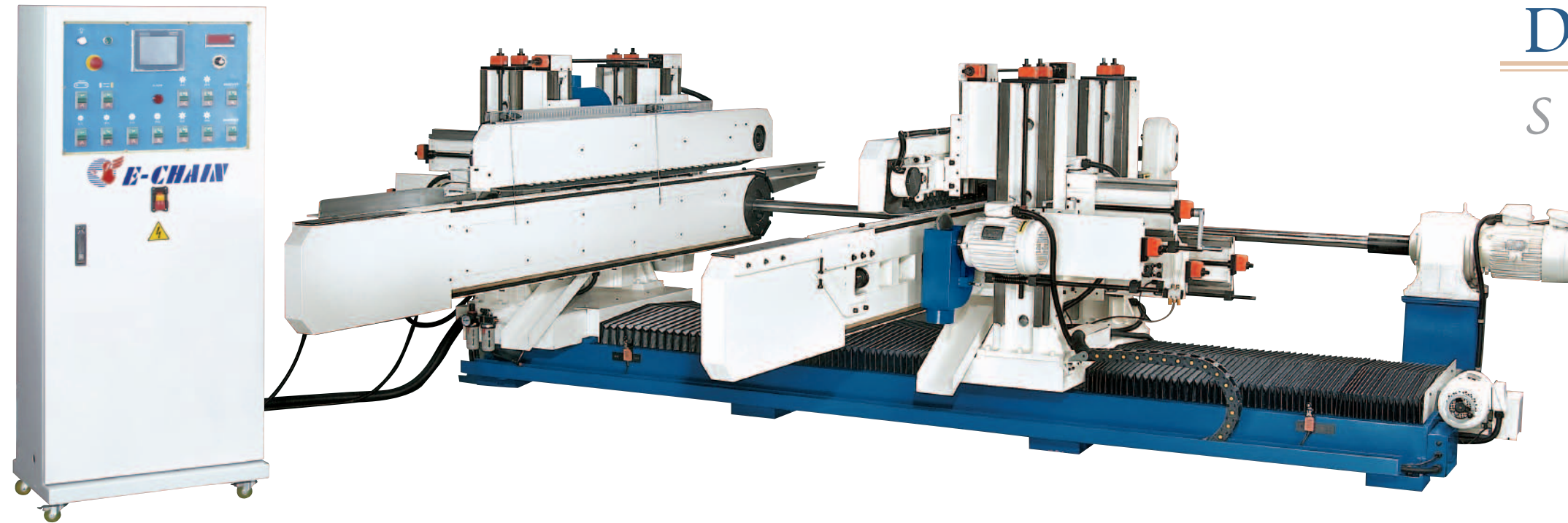
ECT-NC 21-22

Automatic Line Of Double End Tenoners 23-26

Double-End Tenoner

S TYPE

ECT-8 SERIES
(8-SPINDLE CONFIGURATION)



1 Touch Screen

Width is set through the touch screen combined with a PLC to ensure high positioning accuracy.

2 Feed Link-Chain

Equipped with needle bearings to increase wear-resistance. Choice of rubber or phenolic surfaces.

3 Precision Linear Guideways

The movable side of the DET is mounted on precision linear guideways to ensure accuracy.

4 Scoring Saw System

Capable of swivelling to angles of up to $\pm 90^\circ$.
Optional saw jumping function.

5 Main Saw System

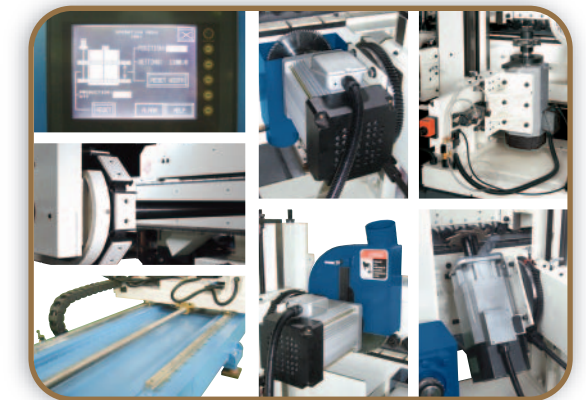
Capable of swivelling to angles of up to $\pm 90^\circ$.

6 First Moulding System

Equipped with cutter jumping function.
Optional capability of swivelling to angles of up to $\pm 90^\circ$.
Powered by high frequency motors.

7 Second Moulding System

Capable of swivelling to angles of up to $\pm 90^\circ$.
Powered by high frequency motors.



Technical Specification

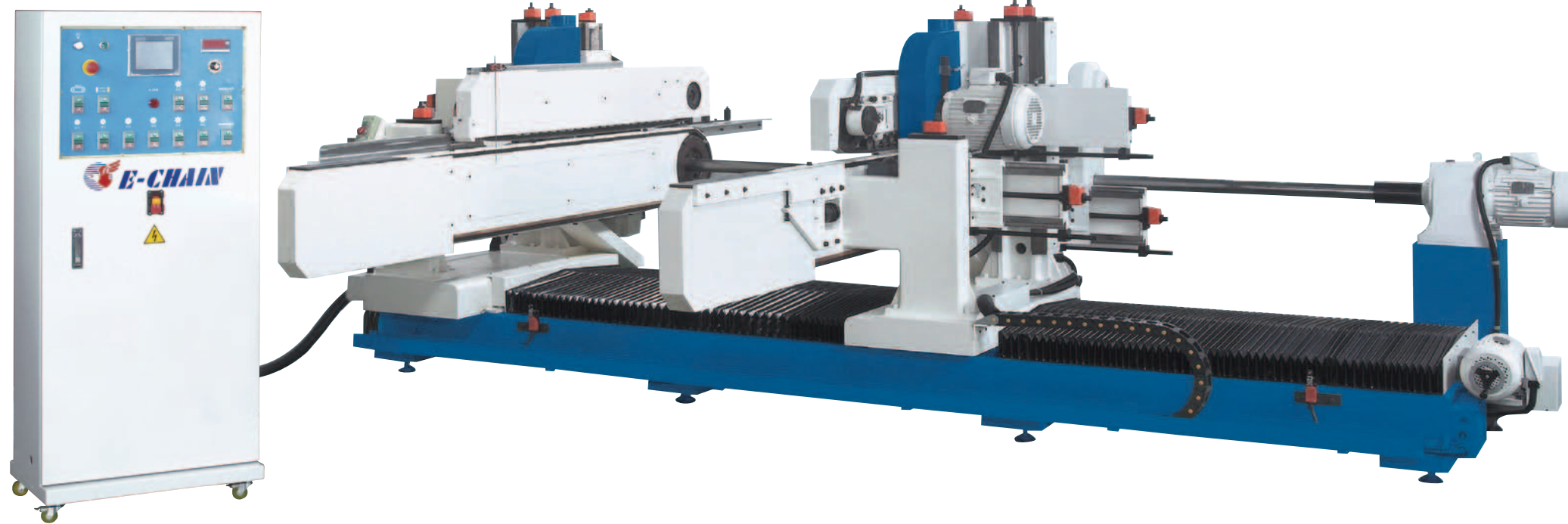
	ECT-88S	ECT-68S	ECT-48S
Max. working width	2600 (3200~4500)mm	2000mm	1300mm
Min. working width	210mm	210mm	210mm
Max. working thickness	120mm	120mm	120mm
FEED LINK-CHAIN			
Motor horse power	3(5)hp	3(5)hp	3(5)hp
Feed speed	5-25m/min	5-25m/min	5-25m/min
Distance between dogs	400(300/200)mm	400(300/200)mm	400(300/200)mm
MOVABLE SIDE SHIFTING SYSTEM			
Motor horse power	1hp	1hp	1hp
Feed speed	2m/min	2m/min	2m/min
SCORING SAW SYSTEM			
Motor horse power	2(3/5/7.5)hp	2(3/5/7.5)hp	2(3/5/7.5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30)mm	25.4(30)mm	25.4(30)mm
Sawblade diameter	120-305mm	120-305mm	120-305mm

MAIN SAW SYSTEM	ECT-88S	ECT-68S	ECT-48S
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30/40)mm	25.4(30/40)mm	25.4(30/40)mm
Sawblade diameter	205-355mm	205-355mm	205-355mm
MOULDING SYSTEM			
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm
Spindle diameter	40(35)mm	40(35)mm	40(35)mm
Cutter diameter	180-210(120-160)mm	180-210(120-160)mm	180-210(120-160)mm
WEIGHT			
N.W.	4600kg	4200kg	3800kg
G.W.	5350kg	5000kg	4500kg
DIMENSIONS			
Machine size (mm)	4700 x 3960 x 1470	4100 x 3960 x 1470	3500 x 3960 x 1470
Packing size (mm)	4900 x 2280 x 1750	4300 x 2280 x 1750	3700 x 2280 x 1750

The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Double-End Tenoner

S TYPE ECT-6 SERIES
(6-SPINDLE CONFIGURATION)



1 Touch Screen

Width is set through the touch screen combined with a PLC to ensure high positioning accuracy.

2 Feed Link-Chain

Equipped with needle bearings to increase wear resistance. Choice of rubber or phenolic surfaces.

3 Precision Linear Guideways

The movable side of the DET is mounted on precision linear guideways to ensure accuracy.

4 Scoring Saw System

Capable of swivelling to angles of up to $\pm 90^\circ$. Optional saw jumping function.

5 Main Saw System

Capable of swivelling to angles of up to $\pm 90^\circ$.

6 Moulding System

Capable of swivelling to angles of up to $\pm 90^\circ$. Optional cutter jumping function. Powered by high frequency motors.



Technical Specification

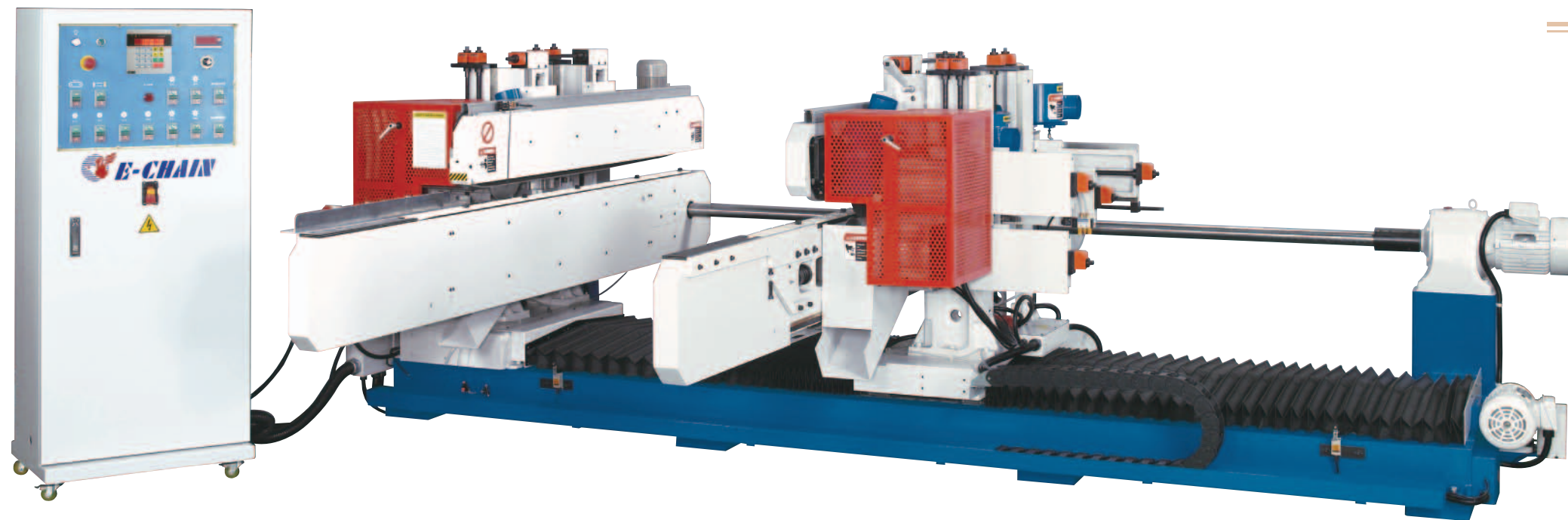
	ECT-86S	ECT-66S	ECT-46S
Max. working width	2600 (3200~4500)mm	2000mm	1300mm
Min. working width	210mm	210mm	210mm
Max. working thickness	120mm	120mm	120mm
FEED LINK-CHAIN			
Motor horse power	2(3/5)hp	2(3/5)hp	2(3/5)hp
Feed speed	5-25m/min	5-25m/min	5-25m/min
Distance between dogs	400(300/200)mm	400(300/200)mm	400(300/200)mm
MOVABLE SIDE SHIFTING SYSTEM			
Motor horse power	1hp	1hp	1hp
Feed speed	2m/min	2m/min	2m/min
SCORING SAW SYSTEM			
Motor horse power	2(3/5/7.5)hp	2(3/5/7.5)hp	2(3/5/7.5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30)mm	25.4(30)mm	25.4(30)mm
Sawblade diameter	120-305mm	120-305mm	120-305mm

	ECT-86S	ECT-66S	ECT-46S
MAIN SAW SYSTEM			
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30/40)mm	25.4(30/40)mm	25.4(30/40)mm
Sawblade diameter	205-355mm	205-355mm	205-355mm
MOULDING SYSTEM			
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm
Spindle diameter	40(35)mm	40(35)mm	40(35)mm
Cutter diameter	180-210(120-160)mm	180-210(120-160)mm	180-210(120-160)mm
WEIGHT			
N.W.	4350kg	3900kg	3500kg
G.W.	5000kg	4750kg	4200kg
DIMENSIONS			
Machine size (mm)	4560 x 3260 x 1470	3960 x 3260 x 1470	3360 x 3260 x 1470
Packing size (mm)	4760 x 2280 x 1750	4160 x 2280 x 1750	3560 x 2280 x 1750

The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Double-End Tenoner

A TYPE ECT-8 SERIES
(8-SPINDLE CONFIGURATION)



1 Digital Width Controller

Features simple controls for accurate width setting.

2 Feed Link-Chain

Equipped with needle bearings to increase wear resistance. Choice of rubber or phenolic surfaces.

3 Precision Linear Guideways

The movable side of the DET is mounted on precision linear guideways to ensure accuracy.

4 Sizing System

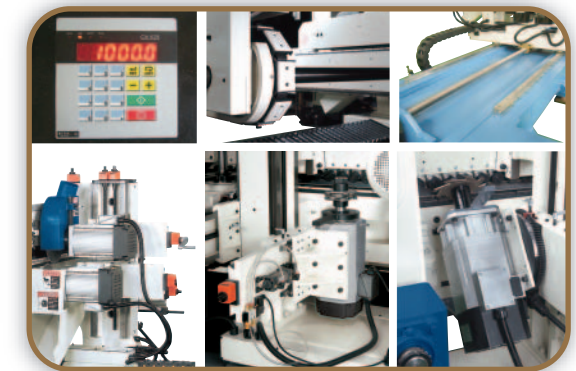
Scoring and main saw construction may effectively avoid tearing problems when cutting laminated panels. The sawblades are closely positioned to facilitate adjustment.

5 First Moulding System

Equipped with cutter jumping function. Optional capability of swivelling to angles of up to $\pm 90^\circ$. Powered by high frequency motors.

6 Second Moulding System

Capable of swivelling to angles of up to $\pm 90^\circ$. Powered by high frequency motors.

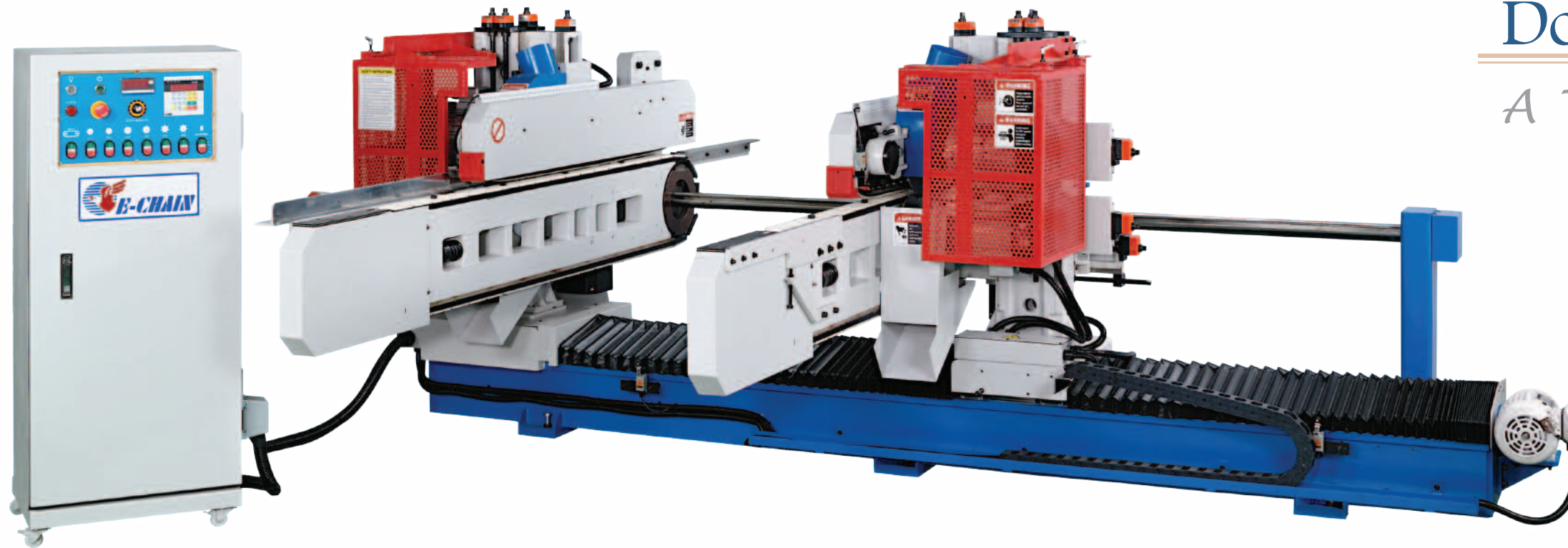


Technical Specification

	ECT-88A	ECT-68A	ECT-48A
Max. working width	2600(3200~4500)mm	2000mm	1300mm
Min. working width	210mm	210mm	210mm
Max. working thickness	80mm	80mm	80mm
FEED LINK-CHAIN			
Motor horse power	2(3/5)hp	2(3/5)hp	2(3/5)hp
Feed speed	5-25m/min	5-25m/min	5-25m/min
Distance between dogs	400(300/200)mm	400(300/200)mm	400(300/200)mm
MOVABLE SIDE SHIFTING SYSTEM			
Motor horse power	1hp	1hp	1hp
Feed speed	2m/min	2m/min	2m/min
SCORING SAW SYSTEM			
Motor horse power	2(3/5)hp	2(3/5)hp	2(3/5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30)mm	25.4(30)mm	25.4(30)mm
Sawblade diameter	205mm	205mm	205mm

	ECT-88A	ECT-68A	ECT-48A
MAIN SAW SYSTEM			
Motor horse power	5(7.5)hp	5(7.5)hp	5(7.5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30/40)mm	25.4(30/40)mm	25.4(30/40)mm
Sawblade diameter	255mm	255mm	255mm
MOULDING SYSTEM			
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm
Spindle diameter	40(35)mm	40(35)mm	40(35)mm
Cutter diameter	180-210mm(120-160)mm	180-210mm(120-160)mm	180-210mm(120-160)mm
WEIGHT			
N.W.	4480kg	4230kg	3980kg
G.W.	5120kg	4870kg	4620kg
DIMENSIONS			
Machine size (mm)	4560 x 3460 x 1470	3960 x 3460 x 1470	3360 x 3460 x 1470
Packing size (mm)	4760 x 2280 x 1750	4160 x 2280 x 1750	3560 x 2280 x 1750

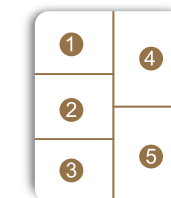
The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.



Double-End Tenoner

A TYPE ECT-6 SERIES
(6-SPINDLE CONFIGURATION)

- 1 **Digital Width Controller**
Features simple controls for accurate width setting.
- 2 **Feed Link-Chain**
Equipped with needle bearings to increase wear resistance. Choice of rubber or phenolic surfaces.
- 3 **Precision Linear Guideways**
The movable side of the DET is mounted on precision linear guideways to ensure accuracy.
- 4 **Sizing System**
Scoring and main saw construction may effectively avoid tearing problems when cutting laminated panels. The sawblades are closely positioned to facilitate adjustment.
- 5 **Moulding System**
Capable of swivelling to angles of up to $\pm 90^\circ$.
Optional cutter jumping function.
Powered by high frequency motors.



Technical Specification

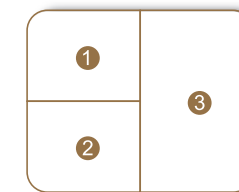
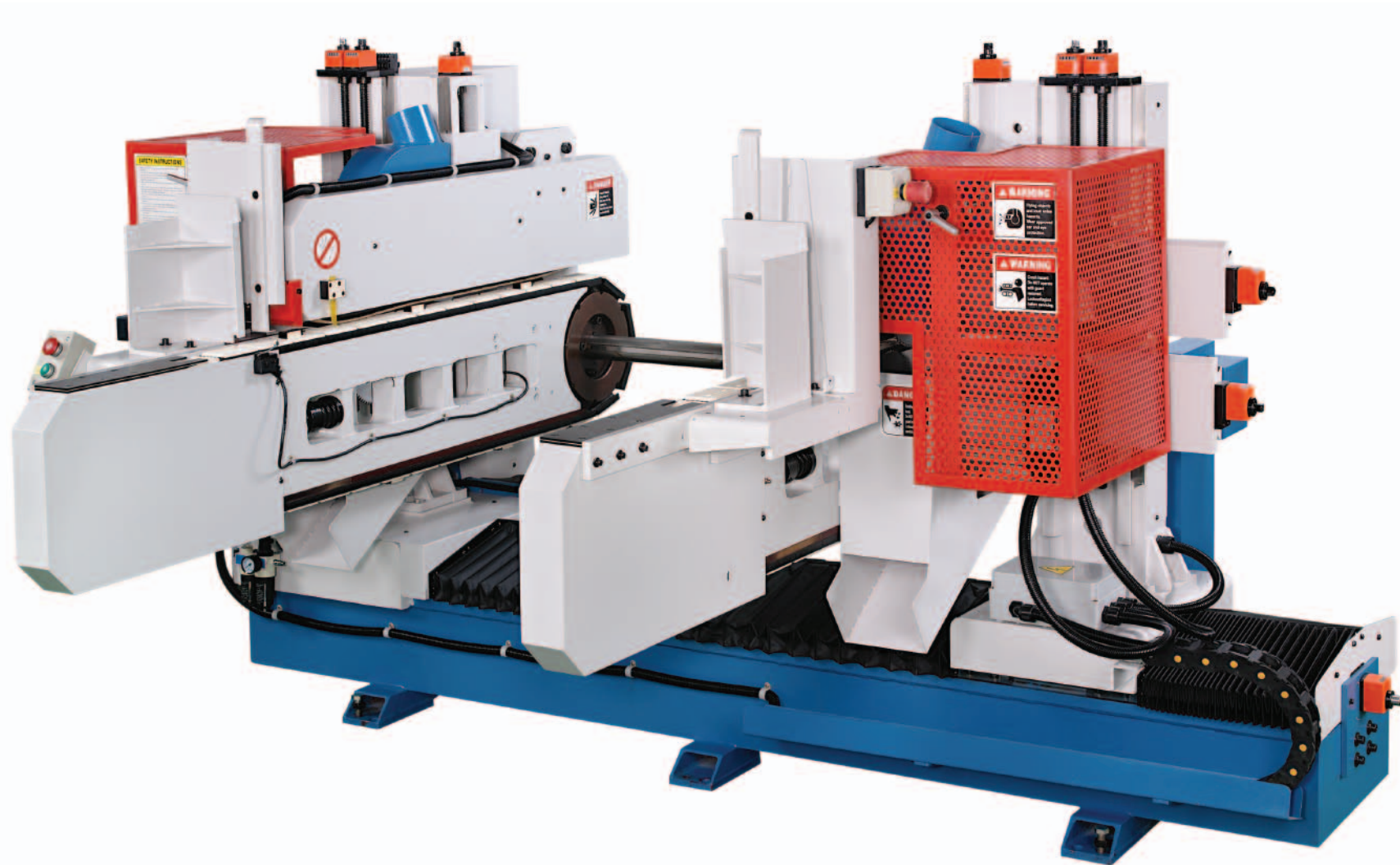
	ECT-86A	ECT-66A	ECT-46A
Max. working width	2450mm	1850mm	1250mm
Min. working width	210mm	210mm	210mm
Max. working thickness	60mm	60mm	60mm
FEED LINK-CHAIN			
Motor horse power	2hp	2hp	2hp
Feed speed	5-25m/min	5-25m/min	5-25m/min
Distance between dogs	400(300/200)mm	400(300/200)mm	400(300/200)mm
MOVABLE SIDE SHIFTING SYSTEM			
Motor horse power	1hp	1hp	1hp
Feed speed	2m/min	2m/min	2m/min
SCORING SAW SYSTEM			
Motor horse power	2(3/5)hp	2(3/5)hp	2(3/5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30)mm	25.4(30)mm	25.4(30)mm
Sawblade diameter	205mm	205mm	205mm

	ECT-86A	ECT-66A	ECT-46A
MAIN SAW SYSTEM			
Motor horse power	5(7.5)hp	5(7.5)hp	5(7.5)hp
Spindle speed	3450rpm(60Hz)	3450rpm(60Hz)	3450rpm(60Hz)
Spindle diameter	25.4(30/40)mm	25.4(30/40)mm	25.4(30/40)mm
Sawblade diameter	255mm	255mm	255mm
MOULDING SYSTEM			
Motor horse power	5(7.5/10)hp	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm	4500~8000(6000/8000 Belt drive)rpm
Spindle diameter	40(35)mm	40(35)mm	40(35)mm
Cutter diameter	180-210(120-160)mm	180-210(120-160)mm	180-210(120-160)mm
WEIGHT			
N.W.	3150kg	2950kg	2850kg
G.W.	3450kg	3350kg	3250kg
DIMENSIONS			
Machine size (mm)	4240 x 3260 x 1470	3640 x 3260 x 1470	3140 x 3260 x 1470
Packing size (mm)	4440 x 2280 x 1750	3840 x 2280 x 1750	3340 x 2280 x 1750

The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Double-End Sizer

C TYPE ECT-4SERIES
(4- SPINDLE CONFIGURATION)



- 1 Feed Link-Chain**
Equipped with needle bearings to increase wear resistance. Choice of rubber or phenolic surfaces for increased grip.
- 2 Precision Linear Guideways**
The movable side of the DET is mounted on precision linear guideways to ensure accuracy.
- 3 Sizing System**
Top and bottom saw construction may effectively avoid tearing problems when cutting laminated panels. Scoring and main sawblades are closely positioned to facilitate adjustment.

Technical Specification

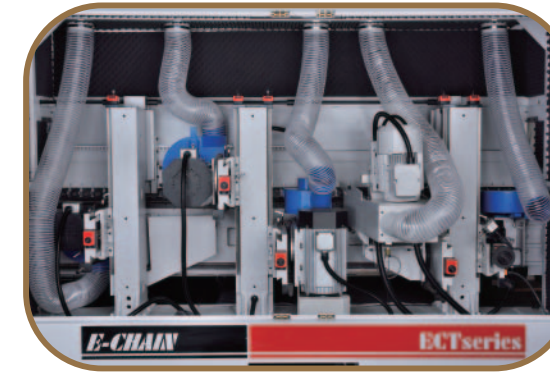
	ECT-84C	ECT-64C	ECT-44C
Max. working width	2450mm	1850mm	1250mm
Min. working width	210mm	210mm	210mm
Max. working thickness	60mm	60mm	60mm
FEED LINK-CHAIN			
Motor horsepower	2hp	2hp	2hp
Feed speed	5 (10)m/min	5 (10)m/min	5 (10)m/min
Distance between dogs	400 (300/200)mm	400 (300/200)mm	400 (300/200)mm
SCORING SAW SYSTEM			
Motor horsepower	2 (3/5)hp	2 (3/5)hp	2 (3/5)hp
Spindle speed	3450rpm (60Hz)	3450rpm (60Hz)	3450rpm (60Hz)
Spindle diameter	25.4 (30)mm	25.4 (30)mm	25.4 (30)mm
Sawblade diameter	205mm	205mm	205mm

MAIN SAW SYSTEM	ECT-84C	ECT-64C	ECT-44C
Motor horsepower	5 (7.5)hp	5 (7.5)hp	5 (7.5)hp
Spindle speed	3450rp (60Hz)	3450rp (60Hz)	3450rp (60Hz)
Spindle diameter	25.4(30/40)mm	25.4(30/40)mm	25.4(30/40)mm
Sawblade diameter	255mm	255mm	255mm
WEIGHT			
N.W.	2350kg	2250kg	2150kg
G.W.	2650kg	2550kg	2450kg
DIMENSIONS			
Machine size(mm)	4050 x 2520 x 1530mm	3450 x 2520 x 1530mm	2900 x 2520 x 1530mm
Packing size(mm)	4150 x 2280 x 1750mm	3550 x 2280 x 1750mm	2785 x 2280 x 1750mm

The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Automatic Double-End Curved Profile Sander

ECT-DS SERIES (FOR CABINETS)



1 Integration of Touch Screen

For setting working width, jumping function parameters on 1st moulding system, feed speed and rpm of the various working units.

2 Feed Link-Chain

Equipped with needle bearings to increase wear resistance. Choice of rubber or phenolic surfaces.

3 Precision Linear Guideways

The movable side of the DET is mounted on precision linear guideways to ensure accuracy.

4 Sizing System S

Top and bottom saw construction may effectively avoid tearing problems when cutting laminated panels. Scoring and main sawblades are closely positioned to facilitate adjustment.

5 First Moulding System PMI

Capable of swivelling to angles of up to $\pm 90^\circ$.
Optional cutter jumping function.
Powered by high frequency motors.

6 Second Moulding System PM2

Capable of swivelling to angles of up to 90° .
Powered by high frequency motors.

7 Profile Sanding System PS

Oscillating sanding ensures extremely fine surface effect.
Capable of swivelling to angles of up to $\pm 15^\circ$.

8 Brush System BS

Capable of tilting to angles of up to $\pm 90^\circ$; Can equip polishing wheels of different materials, such as non-woven grinding wheel, forming wheel, etc.; Equipped with auto-compensation fitting.

Technical Specification

	ECT-DS68	ECT-DS88	ECT-DS108
Max. working width	PS+PS+BS	PM2+PS+PS+BS	S+PM1+PM2+PS+BS
Min. working width	250-2600mm	250-2600mm	250-2600mm
Max. working thickness	10-80mm	10-80mm	10-80mm
FEED LINK-CHAIN			
Motor horse power	3hp	5hp	5hp
Feed speed	5-25m/min	5-25m/min	5-25m/min
Distance between dogs	400(300/200)mm	400(300/200)mm	400(300/200)mm
MOVABLE SIDE SHIFTING SYSTEM			
Motor horse power	1hp	1hp	1hp
Feed speed	2m/min	2m/min	2m/min
SCORING SAW SYSTEM			
Motor horse power	-	-	2(3/5)hp
Spindle speed	-	-	3450rpm(60Hz)
Spindle diameter	-	-	25.4(30)mm
Sawblade diameter	-	-	205mm
MAIN SAW SYSTEM			
Motor horse power	-	-	5(7.5)hp
Spindle speed	-	-	3450rpm(60Hz)
Spindle diameter	-	-	25.4(30)mm
Sawblade diameter	-	-	255mm

MOULDING SYSTEM	ECT-DS68	ECT-DS88	ECT-DS108
Motor horse power	-	5(7.5/10)hp	5(7.5/10)hp
Spindle speed	-	3000/8000(6000)rpm	3000/8000(6000)rpm
Spindle diameter	-	40mm	40mm
Cutter diameter	-	180-210mm(120-160)mm	180-210mm(120-160)mm
PROFILE SANDING SYSTEM			
Motor horse power	3hp	3hp	3hp
Sanding belt width	30-60mm	30-60mm	30-60mm
Sanding belt length	2070mm	2070mm	2070mm
Speed	0-1800rpm	0-1800rpm	0-1800rpm
BRUSH SYSTEM			
Motor horse power	2(3)hp	2(3)hp	2(3)hp
Speed	0-1800rpm	0-1800rpm	0-1800rpm
WEIGHT			
N.W.	4500kg	5350kg	5600kg
G.W.	5200kg	6200kg	6500kg
DIMENSIONS			
Machine size (mm)	4700 x 3960 x 1470	4700 x 4490 x 1470	4700 x 5100 x 1470
Packing size (mm)	4900 x 2280 x 1750	40ft container	40ft container

The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Automatic Single End Tenoner

ECT-SET100



Optional: HSK spindle

Technical Specification

	ECT-SET100
Max. working thickness	100mm
Working length	100mm and over
DOUBLE FEED LINK-CHAIN	
Motor horse power	3hp (5hp)
Feed speed	5~25m/min.
Distance between dogs	400(300/200) mm or without dogs
MOULDING UNIT 1 (equipped with jumping function)	
Motor horse power	7.5hp (10hp)
Spindle speed	4500~8000(10000) rpm
Spindle diameter	40mm
Cutter diameter	190~250mm

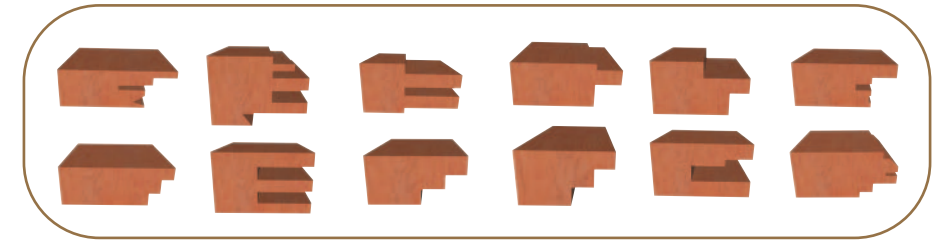
Technical Specification

	ECT-SET100
MOULDING UNIT 2	
Motor horse power	10hp
Spindle speed	4500~6000(10000) rpm
Spindle diameter	40mm
Cutter diameter	190~250mm
PROFILE SANDING UNIT	
Quantity	3pcs
Motor horse power	3hp
Spindle speed	0~1800rpm
WEIGHT	
N.W.	4250kg
G.W.	4600kg
DIMENSIONS	
Machine size(mm)	4110 x 1620 x 1900
Packing size(mm)	4230 x 1600 x 2120



Single-End Tenoner

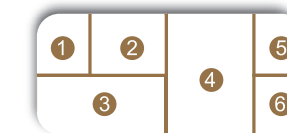
ECT-WINDOTEC SERIES



- 1 Working Table**
Surface of working table is hardened by chromate treatment. Choice of automatic or manual handling controls. Equipped with horizontal and vertical air-cylinders to hold work-piece firmly in place.
- 2 Precision Linear Guideway**
Working table is mounted on a precision linear guideway for precise and smooth feed.
- 3 Acrylic Guards**
All cutting tools are equipped with acrylic guards to increase user safety.
- 4 Main Saw Unit**
- 5 Horizontal Milling System**
Features top and bottom horizontal milling units. Different models of the Windowtec series feature different configurations of working units.
- 6 Vertical Milling System**
Different models of the Windowtec Series feature different configurations of working units.

Technical Specification

WORKING TABLE	ECT-Windotec 3	ECT-Windotec 5	ECT-Windotec 6
Size	800 x 400mm	800 x 400mm	800 x 400mm
Fence length	2400mm	2400mm	2400mm
Compressed air	2pcs	2pcs	2pcs
SAW UNIT			
Motor horse power	5hp	5hp	5hp
Spindle speed	3000rpm(50Hz)	3000rpm(50Hz)	3000rpm(50Hz)
Spindle diameter	30mm	30mm	30mm
Sawblade diameter	450mm	450mm	450mm
Max. cutting height	150mm	150mm	150mm
TOP & BOTTOM HORIZONTAL SPINDLE			
Motor horse power	-	3(5)hp x 2pcs	3(5)hp x 2pcs
Spindle speed	-	3000rpm(50Hz)	3000rpm(50Hz)
Spindle diameter	-	40mm	40mm
Spindle length	-	150mm	150mm
Cutter diameter	-	160mm	160mm
VERTICAL SPINDLE 1			
Motor horse power	10hp	10hp	10hp
Spindle speed	3000rpm(50Hz)	3000rpm(50Hz)	3000rpm(50Hz)
Spindle diameter	40mm	40mm	40mm
Spindle length	180mm	180mm	180mm
Cutter diameter	350mm	350mm	350mm

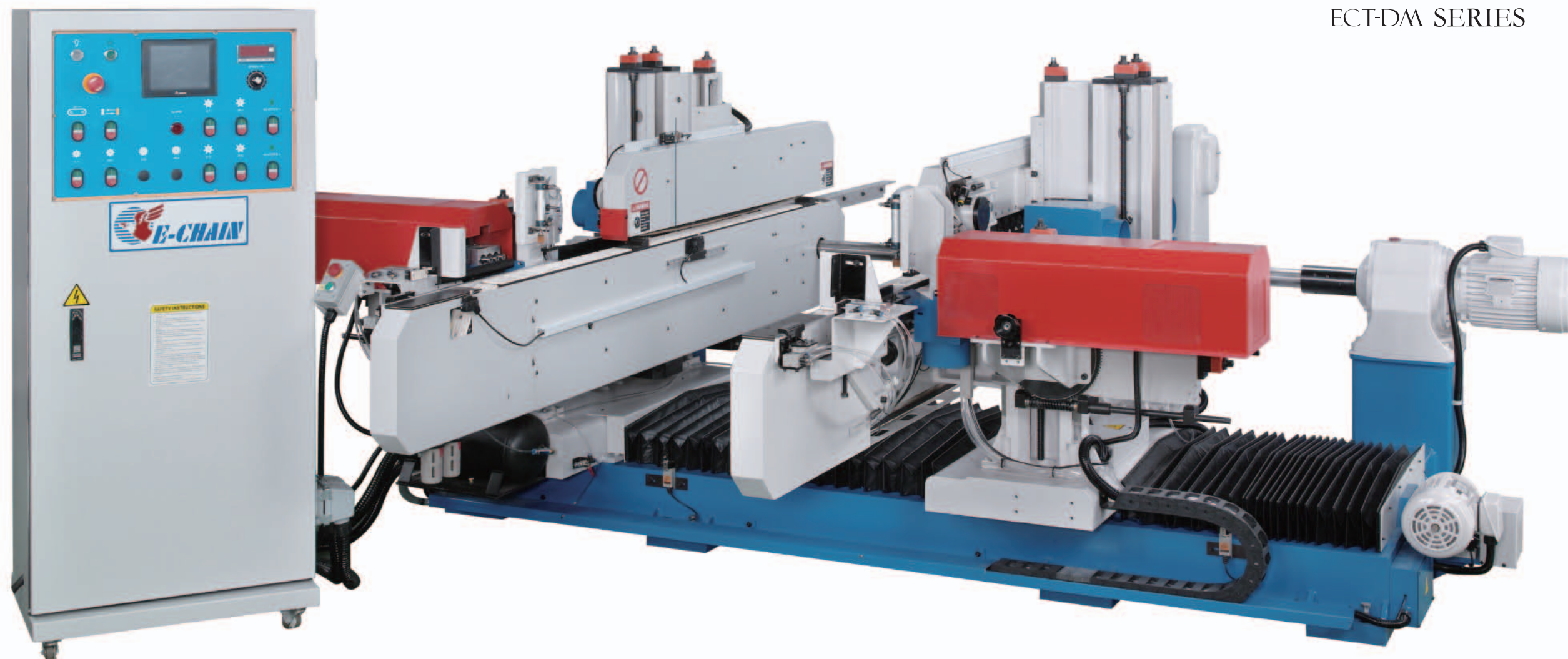


VERTICAL SPINDLE 2	ECT-Windotec 3	ECT-Windotec 5	ECT-Windotec 6
Motor horse power	-	-	10hp
Spindle speed	-	-	3000rpm(50Hz)
Spindle diameter	-	-	40mm
Spindle length	-	-	180mm
Cutter diameter	-	-	350mm
WEIGHT			
N.W.	1850kg	2200kg	2450kg
G.W.	2000kg	2350kg	2600kg
DIMENSIONS			
Machine size (mm)	2080 x 2700 x 1900	2740 x 2700 x 1900	3190 x 2700 x 1900
Packing size (mm)	2290 x 2000 x 2100	2850 x 2000 x 2100	3300 x 2000 x 2100

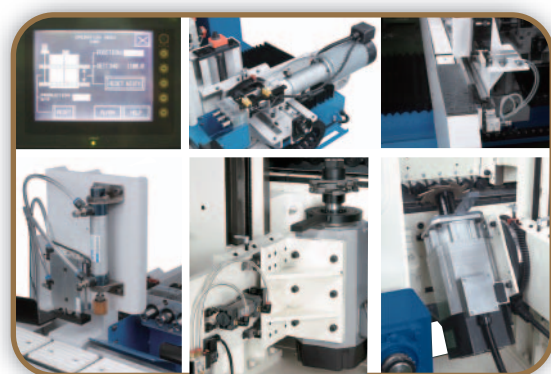
The above-listed specifications are that of standard machines. All machine-types can be customized to user's preferences.

Drilling Milling Machine

ECT-DM SERIES



- 1 **Integration of Touch Screen**
For setting working width, jumping function parameters on 1st moulding system, feed speed and rpm of the various working units.
- 2 **Side Drilling Spindle**
- 3 **Automatic Feeding Magazine**
- 4 **Drilling Spindle Pressure Device**
- 5 **1st Moulding System (with jumping device)**
- 6 **2nd Moulding System**



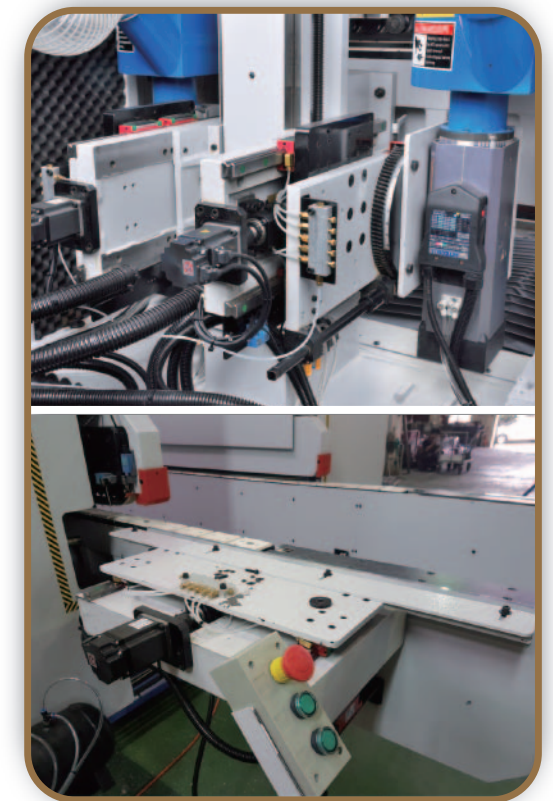
Technical Specification

ECT-DM	
Working width	50~150mm以上
Working thickness	30~50mm
Working length	400~1300(2000/2600/3200)mm
FEED LINK-CHIAN	
Motor horse power	2hp
Feed speed	5-25m/min
Distance between dogs	1500mm
Side Drilling Spindle	
Motor horse power	2hp x 2pcs
Spindle speed	2800rpm(60Hz)
Holes	3(5)
1st Moulding system (with jumping function)	
Motor horse power	5(7.5/ 10)hp
Spindle speed	4500~8000rpm
Spindle diameter	40(30/35)mm
Cutter diameter	180~210 (120~160)mm

2nd Moulding system	
Motor horse power	5(7.5/ 10)hp
Spindle speed	4500~8000rpm
Spindle diameter	40(30/35)mm
Cutter diameter	180~210 (120~160)mm
WEIGHT	
N.W.	3750kgs
G.W.	4450kgs
DIMENSIONS	
Machine size (mm)	3500 x 3960 x1470
Packing size (mm)	3700 x 2280 x 1750

Automatic Double~End Tenoner

ECT-NC SERIES



*CUSTOMIZABLE IN ACCORDANCE
TO CUSTOMERS' REQUIREMENTS*

- ① Auto positioning on vertical and horizontal axis for all working units and infeed reference fence via servo motor. Auto working width and working thickness setting.
- ② HSK F63 interface hi-frequency motor (direct-drive) for quick tooling changeover.
- ③ HMI programmed to keep positional data for 100 sets of tooling into memory.

Automatic Line of Double End Tenoner

Fully automatic line of Double End Tenoners
(Straight line with Clamp Turner complete with
Automatic Vacuum Loading and Unloading)

CUSTOMIZABLE IN ACCORDANCE TO CUSTOMERS' REQUIREMENTS.



Automatic Line of Double End Tenoner

Straight Line with Clamp Turner
(For Furniture and Building Materials)

CUSTOMIZABLE IN ACCORDANCE TO CUSTOMERS' REQUIREMENTS.



Automatic Line of Double End Tenoner

90° Cross-Transfer Line
(For Furniture and Building Materials)

CUSTOMIZABLE IN ACCORDANCE TO CUSTOMERS' REQUIREMENTS.



Automatic Line Of Double End Tenoners

For Flooring

CUSTOMIZABLE IN ACCORDANCE TO CUSTOMERS' REQUIREMENTS.

