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Jiangsu-Suzhou

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Jiangsu-Nanjing

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Anhui Hefei

Suzhou new generation numerical control
equipment Co., Ltd. Hefei branch
ADD : Hefei Binhu Baohe District Century City
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Shaanxi

Shaanxi Xi'an
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Wuxi

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Co., Ltd. Wuxi Office
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Guangdong

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Guangdong Dongguan

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Chain-An East Rd., Changan Townmap
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Luoyang

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Co., Ltd. Luoyang Company
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FAX : 027-87204137

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SYNTEC WOODWORKING CONTROLLER

SYNTEC 60 Series
-Solution for Furniture Manufacturing

TRUSTED TECHNICAL SERVICE



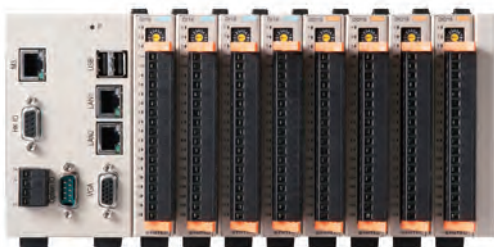
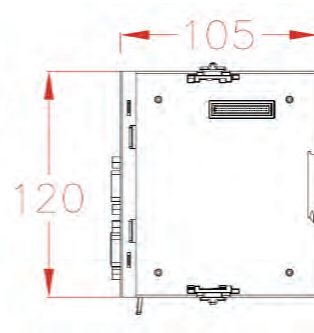
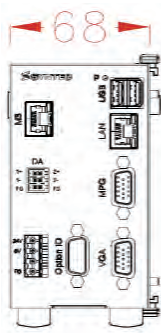
SYNTEC WOOD Controller

Hardware

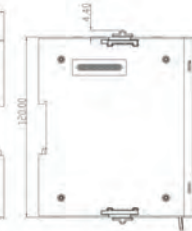
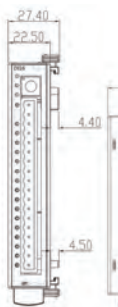
FC Controller



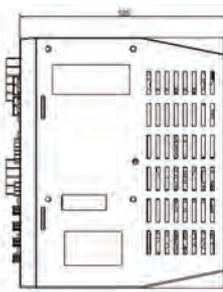
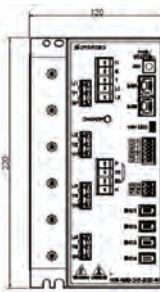
600-Series is 97.5



SRI - 16I/16O
Flexible IO



Mini All-in-one Driver (4 in 1)



O:Standard △:Optional -: No *Not for sale in Taiwan Region

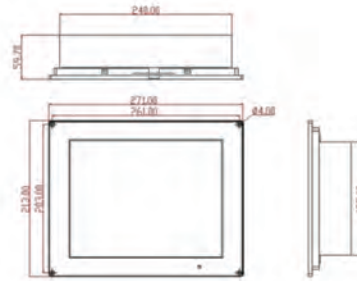
Unit: mm

Model	FC-60WA	FC-600WA	FC-60PA	* FC-60CB	* FC-60CA
Axes (Optional)	7 (16)	9 (18)	3 (18)	4(5)	4
DA	2	2	2	2	-
I/O	SRI flexible expansion IO module				
Servo Control	M3/ECAT				Pulse
VGA			1		1
Spindles	4	6	2	4	4
Storage	4GB	4GB	4GB	4GB	4GB
4Axes RTCP / RTCP	△ / -	△ / -	-	-	-
Wood CAD/CAM	△	△	-	-	-
PC Application	O	O	O	O	△

60PE Labeling Controller



10"
Touch Panel



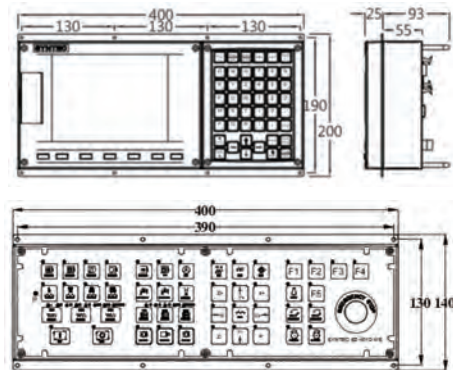
610-E5 Five-Axes Controller



Back-End
10" /15"
Standard Panel
Touch Panel



60W-E
Standard Panel
Controller



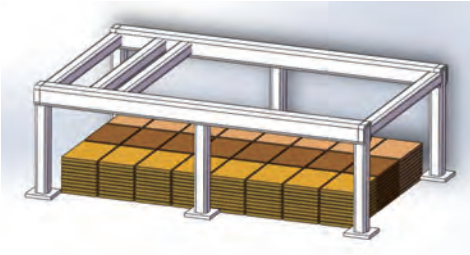
O:Standard △:Optional -: No *Not for sale in Taiwan Region

Model	60PE	*60W-E	610MA-E5	610WB-H	610WA-H
Axes (Optional)	4 (18)	4 (6)	8 (18)	12 (16)	8 (9)
DA	2	2	2	2	2
I/O	32/32	32/32	32/32	32/32	32/32
Servo Control	M3/ECAT			M2/M3/ECAT	
VGA	-	-	1	1	1
Spindles	0	4	6	6	6
Storage	4GB	4GB	4GB	4GB	4GB
4Axes RTCP / RTCP	-	△/ -	O / △	△/ -	△/ -
Wood CADCAM	-	-	-	△	△
PC Application	O	O	O	O	O

Single Machine Sol. Software Option

Auto Warehouse Tech.

Fully integrated by SYNTEC



Load/Unload



Robot Cell

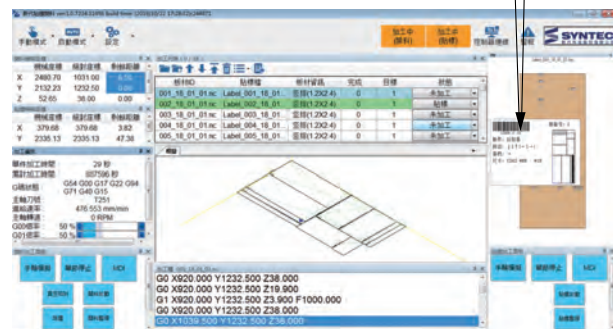


Easy UI to Set Program

Auto Label Machine



Process Sorting for high efficiency



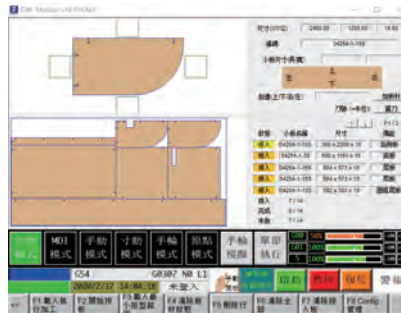
- Label/Router PC software
- Manual/Auto Label-Stick mode
- ZPL Industrial Printer Supported



Panel-Label Preview

Router/Saw

- **SYNTEC Servo**
All-in-one Package
- **Workinglist**
Auto Task-Arrange
- **CNC Nesting**
Optimize Panel Utilization Rate



CNC Nesting



Print Labels



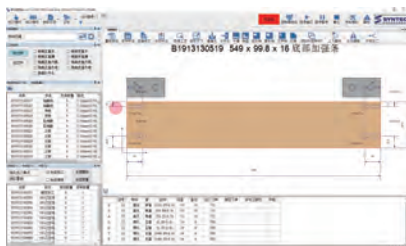
Working List



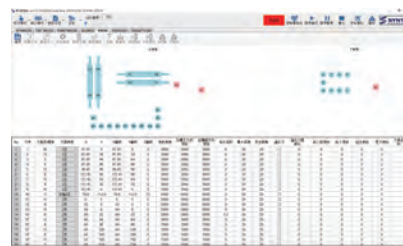
Boring Machine PC CAD/CAM Software

PC Boring Machine CAD/CAM:

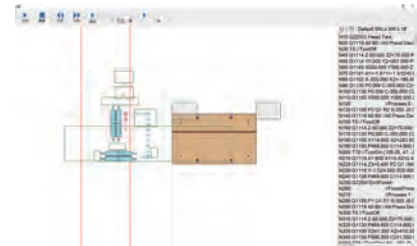
- Support PTP, Six-Sided Boring..
- Support MPR, DXF, XML files import
- Support min. Panel to 100x50 Process



Modular UI

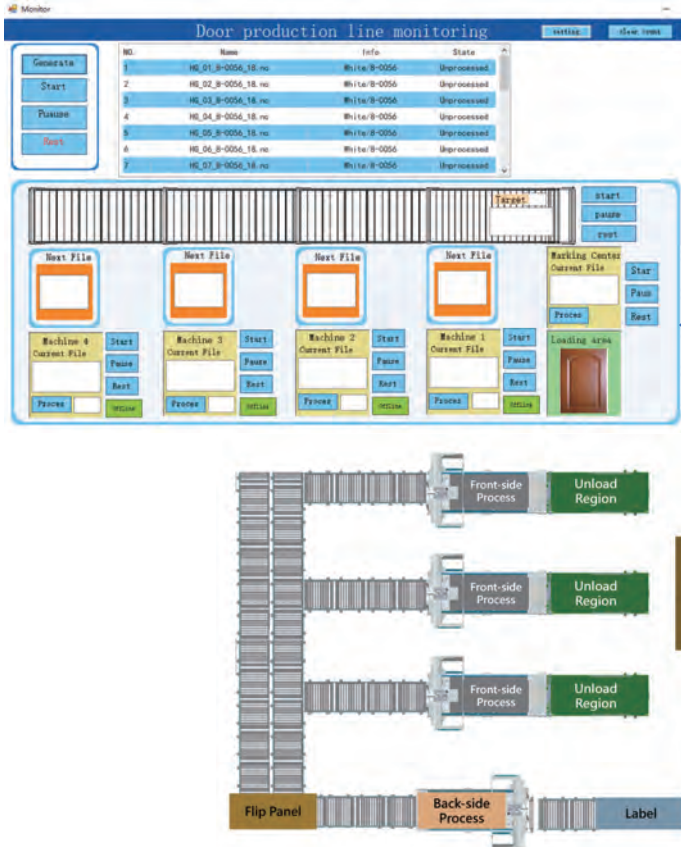


Visualization of Mechanism Parameters



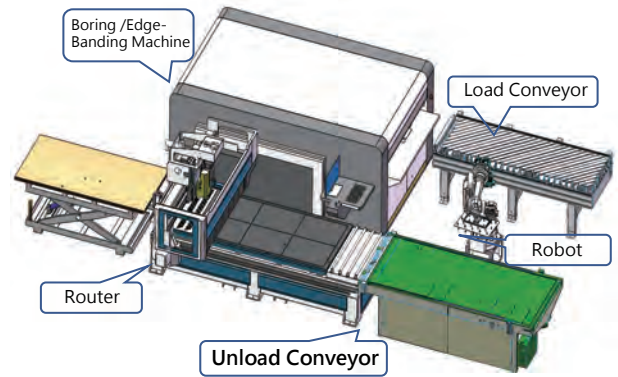
Animated Process Simulation

Flexible Manufacturing Cell



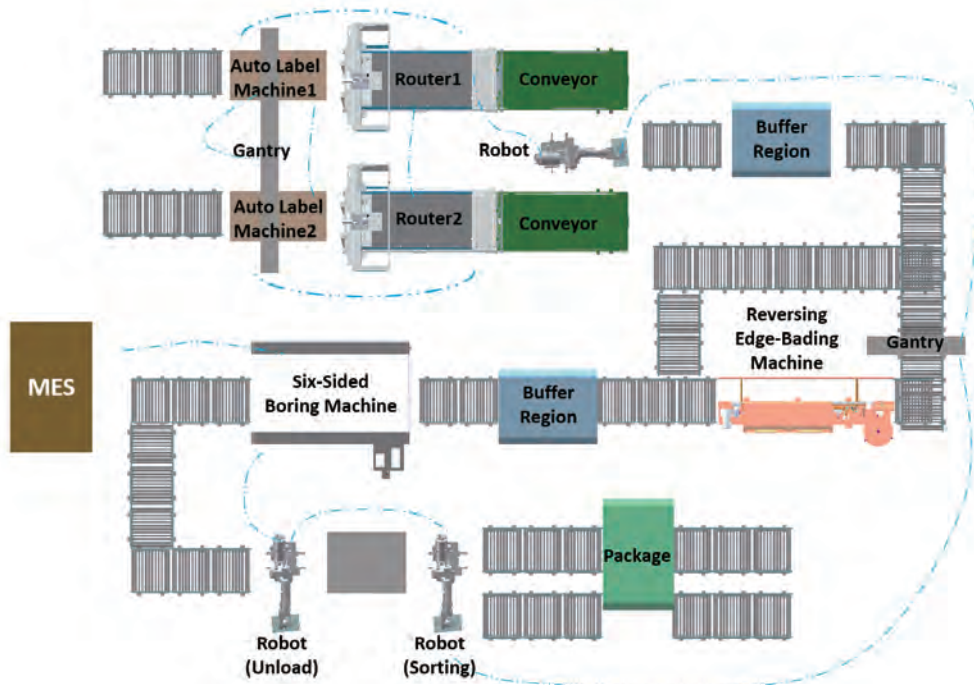
Door Production Line

- PC Software integrates Monitor/Data
- Connection/Manufacturing optimization in one station



Robot Load/Unload Cell

Overall Manufacturing Integration

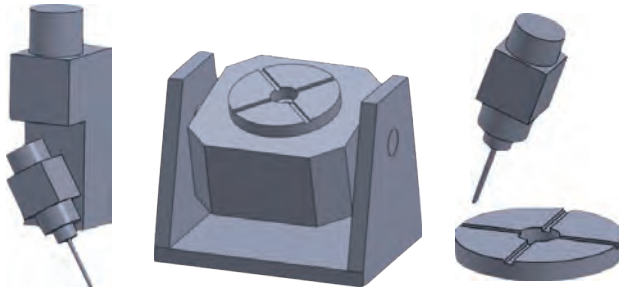


Total Solution for Panel Furniture Manufacturing

Five-Axes Control

Five-Axes Control for Surface Process

Support Several types correction



Tool Rotation Table Rotation Composite



Complete Hardware

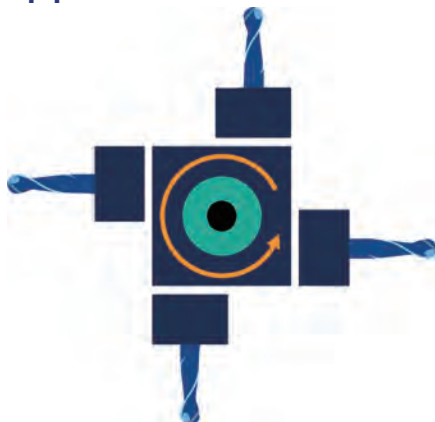


Back-End
 10" / 15" Standard Panel / Touch Panel
 Suited for all manipulation demand

Rotation Tool Center Point Control (RTCP)

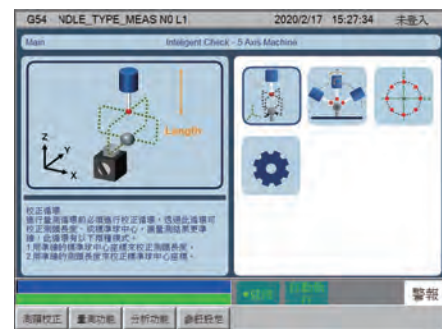


Support Multi-Chain RTCP



Cross-Type Multi-Head Spindle

Machine Tool Measurement



SYNTEC / HEXAGON / ISHIN

Model Specification

O:Standard △:Optional -: No *Not for sale in Taiwan Region

Model	FC-60WA	FC-600WA	FC-60PA	*FC-60CB	*FC-60CA
Servo Control	M3/ ECAT	M3/ ECAT	M3/ ECAT	M3/ ECAT	Pulse
Axes (Max)	7(16)	9(18)	3(18)	4	4
Axes Group	4	4	2	4	4
Max Synchronous Axes Control	4	4	4	4	4
RJ-45	1	1	1	1	1
VGA	1	1	1	1	1
RS-485	1	1	1	1	1
USB	2	2	2	2	2
PS/2	-	-	-	-	-
KB	-	-	-	-	-
HK	-	-	-	-	-
5V Output	-	-	-	-	-
OS	WinCE7	WinCE7	WinCE7	WinCE7	WinCE7
I/O	SRI	SRI	SRI	SRI	SRI
DA	2	2	2	2	-
Monitor	-	-	-	-	-
DiskC	256MB	4G	256MB	256MB	256MB
DiskA	4G	4G	4G	4G	4G
Option5-PC Application	O	O	O	O	△
Option12- RTCP	-	-	-	-	-
Option16 -Vision	△	△	-	△	△
Option27-Multi -5-Axes RTCP	-	-	-	-	-
Option29-4 AXRTCP	△	△	-	-	-
Option30- 5Axes linkage	-	△	-	-	-
Option32- ROT	△	△	-	△	-
Option36- WOOD CAM	△	△	-	-	-

Model Specification

O:Standard △:Optional -: No *Not for sale in Taiwan Region

Model	*60W-E	60PE	610WA-H	610WB-H	610MA-E5
Servo Control	M3/ ECAT	M3/ ECAT	M2/M3	M2/M3	M3/ ECAT
Axes (Max)	4(6)	4(18)	8(9)	12(16)	8(18)
Axes Group	4	2	4	4	4
Max Synchronous Axes Control	4	4	4	4	9
RJ-45	1	1	1	1	1
VGA	-	-	1	1	1
RS-485	1	1	1	1	1
USB	2	2	2	2	2
PS/2	O	O	-	-	-
KB	O	O	-	-	-
HK	O	O	-	-	-
5V Output	O	O	-	-	-
OS	WinCE7	WinCE7	WinCE7	WinCE7	WinCE7
I/O	32/32	32/32	32/32	32/32	32/32
DA	2	2	2	2	2
Monitor	8" Stand	10" Touch Panel	-	-	10" /15" Stand/Touch
DiskC	4G	4G	4G	4G	4G
DiskA	4G	4G	4G	4G	4G
Option5-PC Application	O	O	O	O	O
Option12- RTCP	-	-	-	-	△
Option16 -Vision	-	-	△	△	△
Option27-Multi -5-Axes RTCP	-	-	-	-	△
Option29-4 AXRTCP	△	-	△	△	O
Option30- 5Axes linkage	-	-	△	△	O
Option32- ROT	△	-	△	△	△
Option36- WOOD CAM	-	-	△	△	-

