



Anderson Group

4

HIGH PERFORMANCE MACHINING CENTERS

www.anderson.com.tw

EXXACT PLUS

New generation of machine for heavy duty wood composite and plastic processing

With over 40 years of experience in machine engineering and production, Anderson has developed into a world leader of CNC processing machinery for heavy duty and high-accuracy applications. This is the basis for an internationally successful product range, fulfilling the highest demands of today's manufacturing companies, including aerospace industries around the world.

The EXXACT Series Moving Table 3-axis machining centers set a new level of CNC accuracy and machining performance. The combination of a highly rigid base, steel weldments and castings and high accuracy Servo System make the EXXACT an ideal choice for machining wood, MDF, plywood, plastic, aluminum and composite materials.





EXXACT PLUS

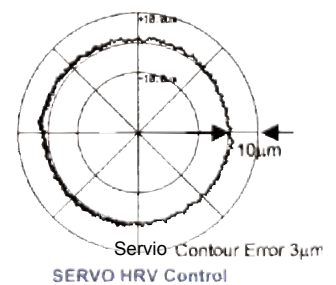
Technological Advantage



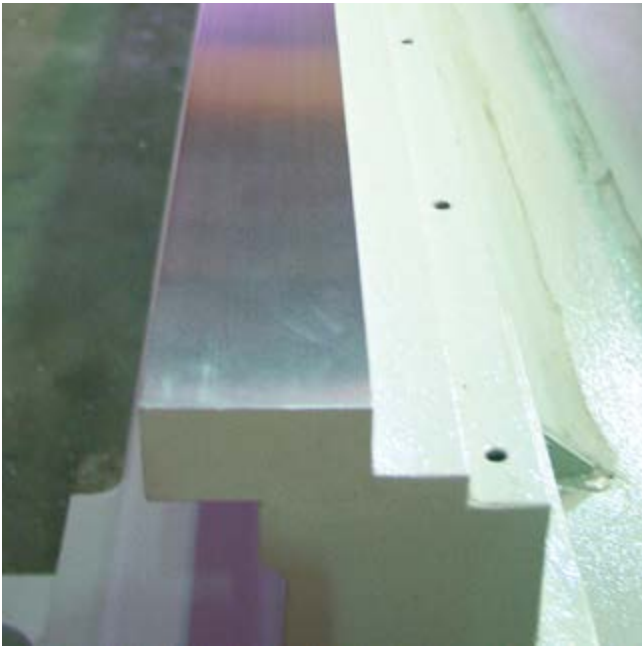
Versatile Table Application

The machine base is fabricated from a reinforced welded construction using stress relieved and heat-treated high-grade steel in above standard thickness providing excellent vibration compensation. Based on this intelligent and innovative construction ANDERSON has achieved a highly static and dynamic machine base.

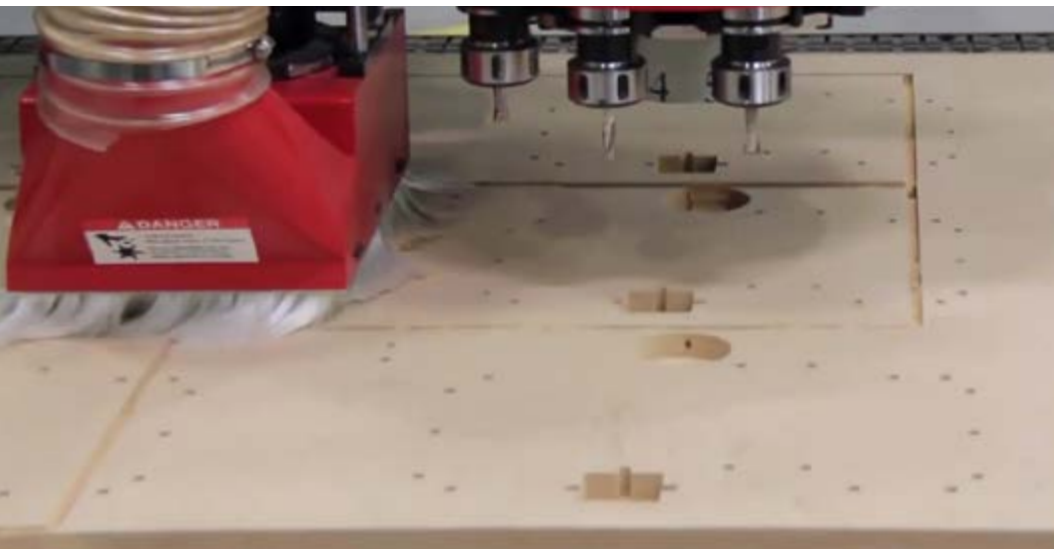
Hand-held device for easier machine operation



The Fanuc controller is the result of a consequent continuous development for the highest demands of the CNC user. The circle interpolation of this new generation was once again improved. The optional is available with a high speed serial bus (HSSB) for connection with a PC and to operate with CAD/CAM system.



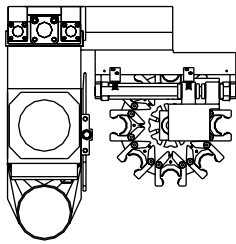
The machine is equipped with industrial rated square guide rail system. This solution benefits better accuracy and stability for heavy duty process than those of generic linear guide.



Touch-off device for Tool length measurement

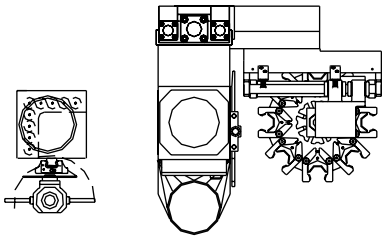
EXXACT PLUS

Available spindle configuration



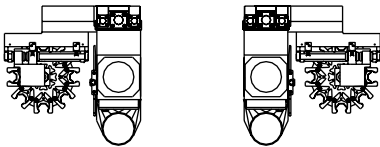
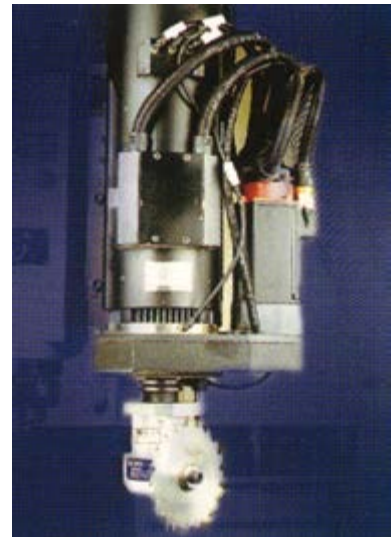
TC

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel
The various power range of Spindle,
Number of tool change carousel and liquid-cooled spindle are available as options.



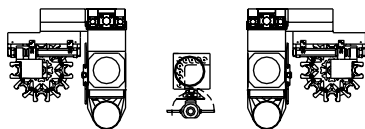
TC+D

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel
One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.



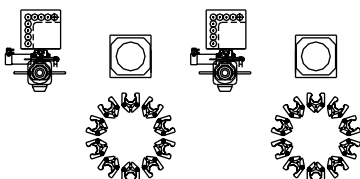
TC2

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel



TC2+D

Two Anderson air-cooled HSK 63F Spindles with 10 pos. tool change carousel
One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

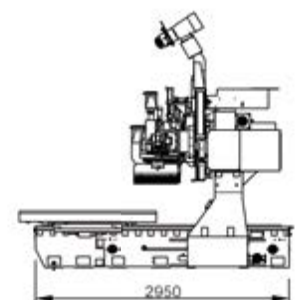
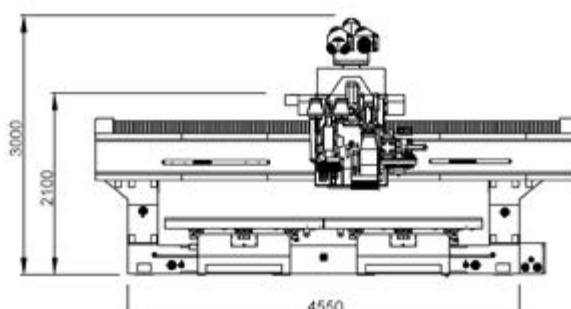
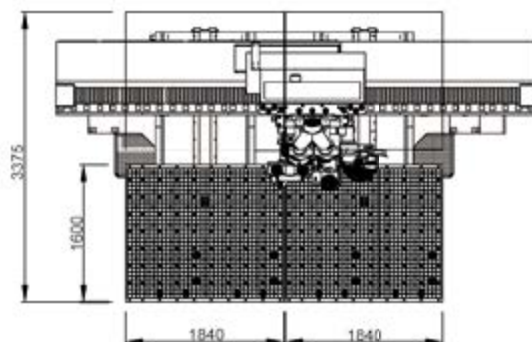


TC2+D2

Two Anderson air-cooled HSK 63F Spindles with 10 pos. tool change carousel
Two Boring units with 9 vert.drills,
Grooving saw + hor. drills unit as option.

Specification

Model	EXXACT plus	EXXACT plus duo
No. of table	1	2
No. of vacuum zones per table	1	1
Table size	3,700 x 1,600 mm	1,840x1,600mm
Stroke of X-axis		4,400mm
Stroke of Y-axis		1775 mm
Stroke of Z-axis		350 mm
Rapid travel speed in X		80 M/min
Rapid travel speed in Y		80 M/min
Rapid travel speed in Z		20 M/min
Spindle Data		
Power		7.5/11Kw
Speed		1000~22,000 RPM
Clamping system		HSK-63F
Tool changer		10
Boring block		Anderson type
Vacuum pump		250 M ³ /HR
Controller		Anderson FANUC
Dimensions		
Floor area		6,000X3,375 mm
Height		2,800 mm
Weight	7,000 kg	10,000 kg



ANDIMAXX

The Anderson fixed bridge and moving table design provides easy machine access. The webbed steel substructure remains smooth and rigid while cutting in X, Y and Z-axis. The ANDIMAXX CNC machining centers set a new standard in high speed CNC machining and as it is designed to handle heavy duty CNC machining in thin and thicker flat and aluminum plate. The ANDIMAXX CNC machining center is designed to handle heavy duty CNC machining in thin and thicker flat and autoclaved composites. CNC Controls include Ethernet options to provide remote technical support; optional C-Axis is available. Work piece holding flexibility is provided by optional clamping, grid or manifold vacuum systems. The ANDIMAXX CNC Machining Center utilizes an industry standard G-code for control functions that allows easy interfacing with all major CAD/CAM software and industry standard solid modeling software packages.





Hand-held device for easier machine operation



ANDIMAXX



The ANDIMAXX Series Moving Table 3-axis machining centers set a new level of CNC accuracy and machining performance. The combination of a highly rigid base, steel weldments and castings and high accuracy Servo System make the ANDIMAXX an ideal choice for machining wood, MDF, plywood plastic, aluminum and composite materials.



Touch-off device for Tool length measurement



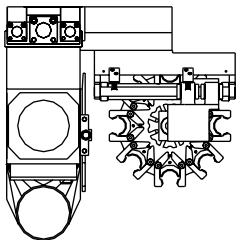
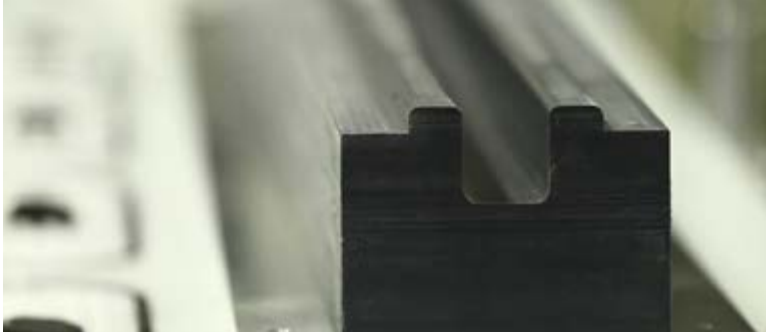
Roller hold-down System

The Roller hold-down system is a special designed Clamping device cooperated with vacuum suction to provide a secure and efficient holding for smaller parts or component during the routing process for nesting.



ANDIMAXX

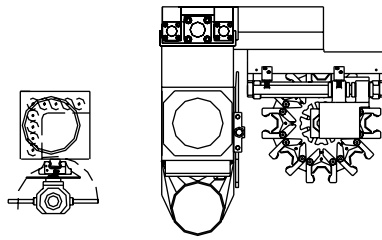
Available spindle configuration



TC

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel

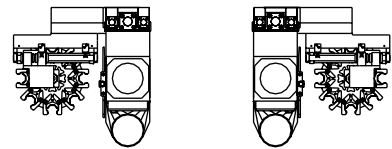
The various power range of Spindle, Number of tool change carousel and liquid-cooled spindle are available as options.



TC+D

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

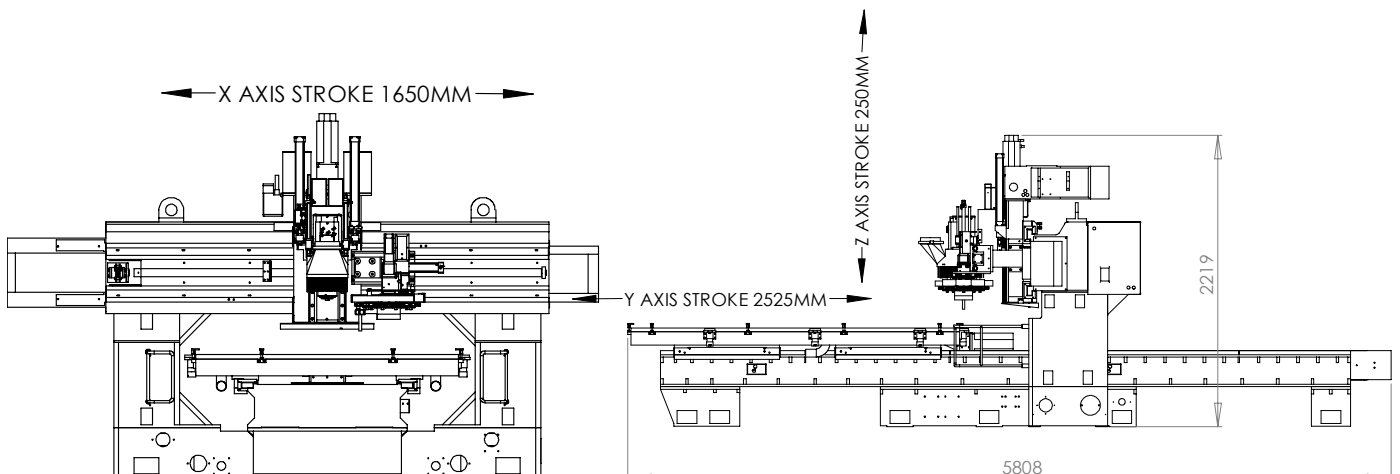
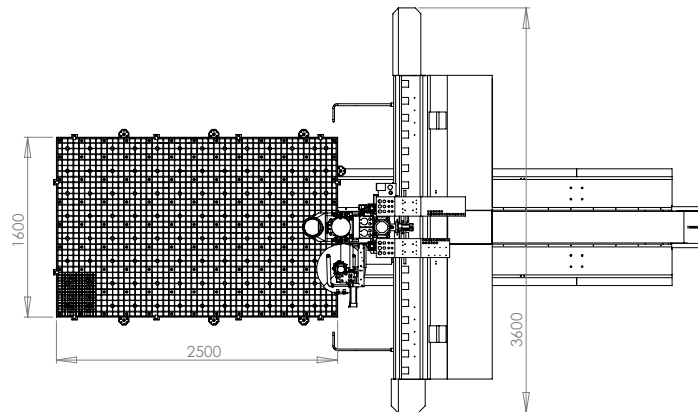


TC2

One Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel

Specification

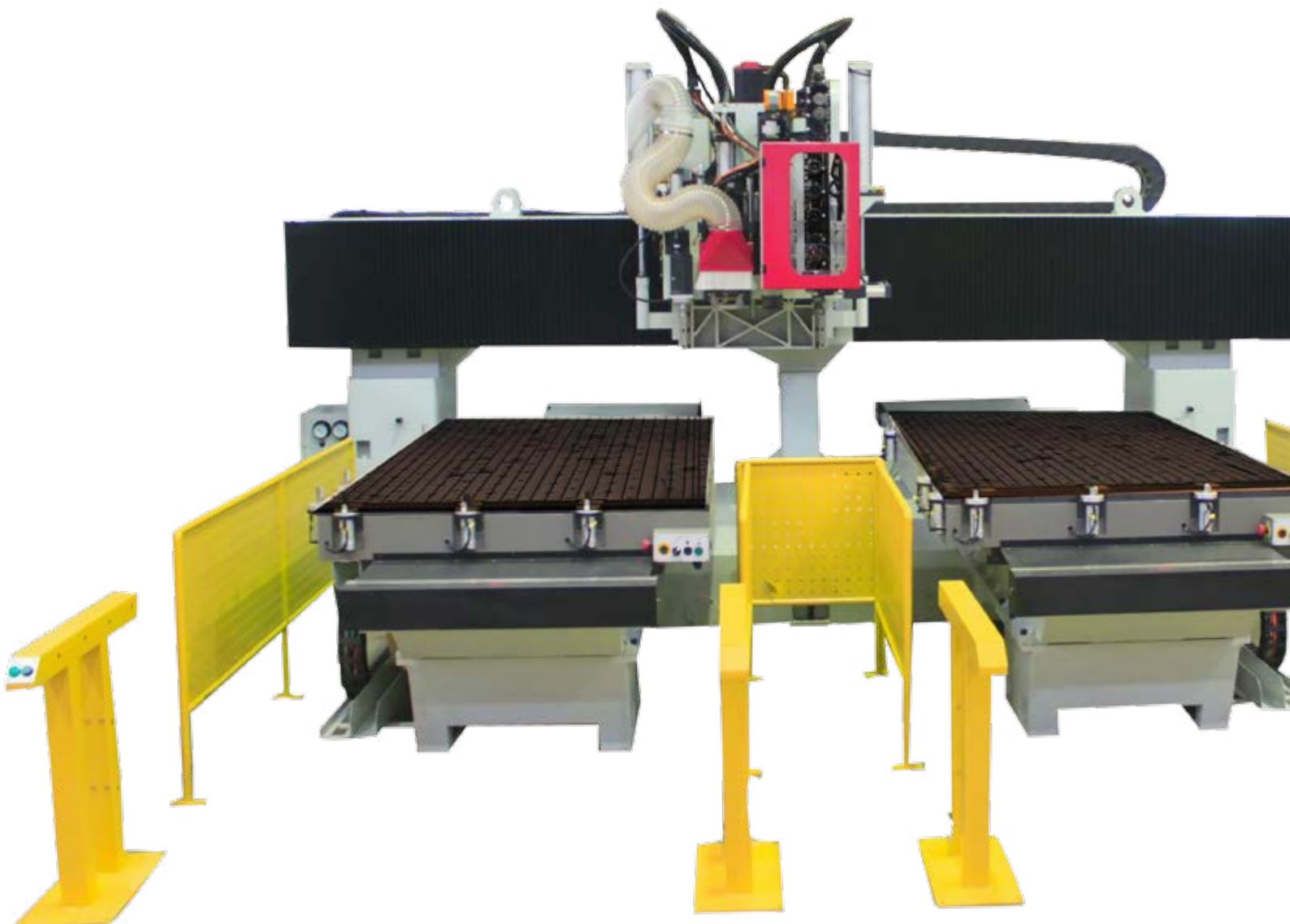
MODEL		ANDIMAXX-1625TC
STROKE	X AXIS	1650 mm
	Y AXIS	2525 mm
	Z AXIS	250 mm
TABLE SIZE		1600 x 2500 mm
VACUUM AREA		1
MAX. FEED SPEED	X,Y AXIS	60 M/min
	Z AXIS	12 M/min
QUICK CHANG ROUTING HEAD	NO. OF SPINDLES	1
	NUMBER OF TOOLS	10
	SPEED	1,000 ~ 22,000 RPM
TOOL DIA	SPINDLE NOSE	HSK-63F
	SHANK OF ROUTER BIT	MAX. 25 mm
POWER	NO.1 ATC HEAD	7.5/11Kw
AIR PRESSURE	HOSE: 3/4"	6 KG/CM2
NC CONTROLLER		Anderson-FANUC
DIMENSIONS	FLOOR AREA	3600 x6000 mm
	HIGHT	2500 mm

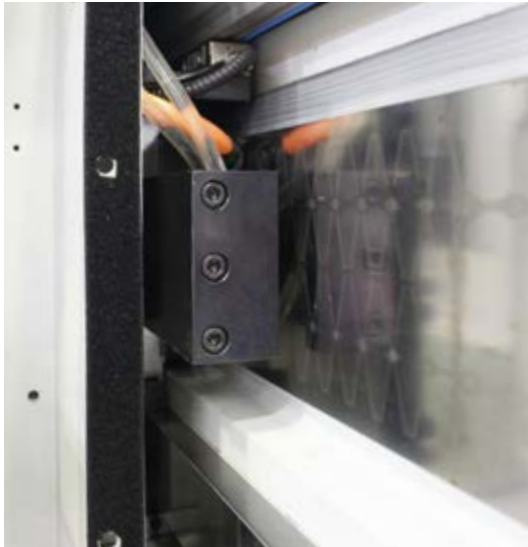


EXXCEL

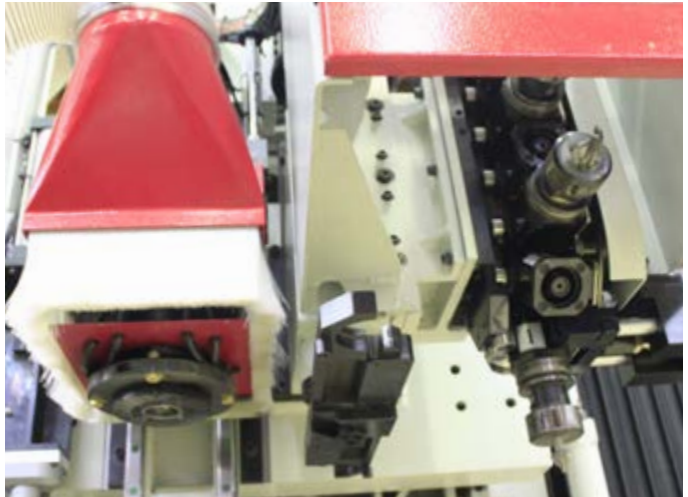
CNC Machining center with linear drive technology

The EXXCEL Series Moving Table 3-axis machining centers set a new level of very High Precision CNC accuracy and machining performance. The combination of a highly rigid base, steel weldments and castings and high accuracy Linear Motor Servo System make the EXXCEL an ideal choice for machining wood, MDF, plywood, plastic, aluminum and composite materials.





The Linear Drive works without any mechanical transmissions



The Boring unit is equipped with 9 vertical spindles. A grooving saw + hor. d rills unit is optional available



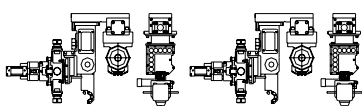
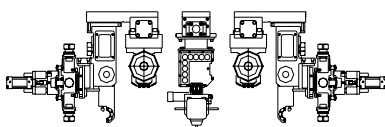
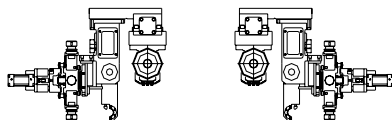
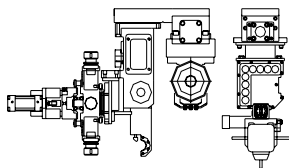
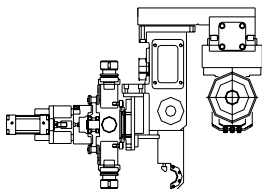
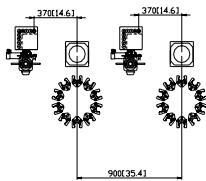
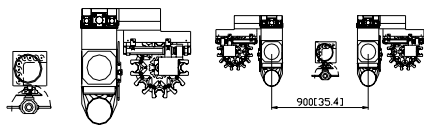
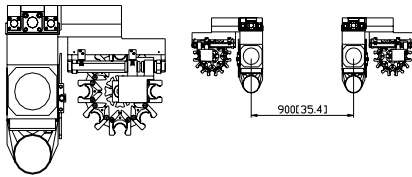
Touch-off device for Tool length measurement



The automatic tool change system provides tool carousel or RanRob systems

EXXCEL

Available spindle configuration



TC / TC2

One or two Anderson aircooled HSK 63 F Spindle with 10 pos. tool change carousel

The various power range of Spindle, Number of tool change carousel and liquid-cooled Spindle are available as options.

TC+D / TC2+D

One or two Anderson aircooled HSK 63 F Spindle with 10 pos. tool change carousel

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

TC2+D2

Two Anderson air-cooled HSK 63F Spindle with 10 pos. tool change carousel

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option..

RAN

One Anderson air-cooled HSK 63F Spindle with 16 pos. tool change RanRob system

RAN+D

One Anderson air-cooled HSK 63F Spindle with 16 pos. tool change RanRob system

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

MH

Two Anderson air-cooled HSK 63F Spindle with 16 pos. tool change RanRob system

MH+D

Two Anderson air-cooled HSK 63F Spindle with 16 pos. tool change RanRob system

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

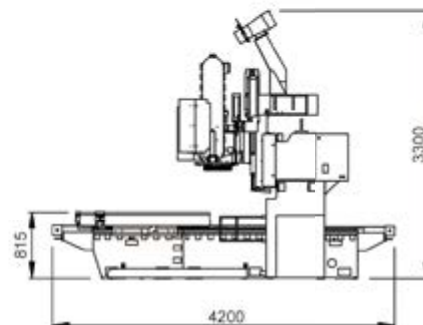
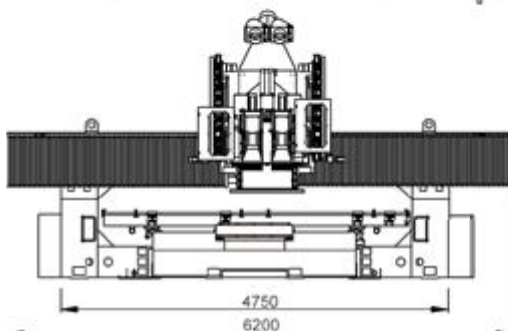
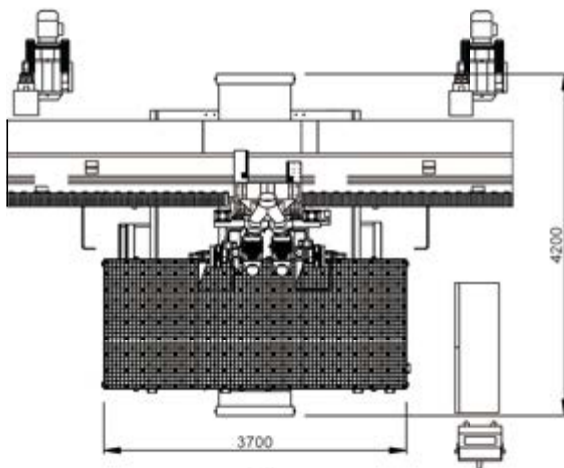
MH+D2

Two Anderson air-cooled HSK 63F Spindle with 16 pos. tool change RanRob system

One Boring unit with 9 vert. drills,
Grooving saw + hor. drills unit as option.

Specification

Basic configuration:	EXXCEL	EXXCEL duo
Number of tables	1	2
No of vacuum zones per table	1	1
Table size	3,700 x 1,600mm	2x 1,840 x 1,600mm
Stroke of X-axis	4,450 mm	
Stroke of Y-axis	1,800 mm	
Stroke of Z-axis	300 mm	
Rapid travel speed in X	100 m/min	
Rapid travel speed in Y	100 m/min	
Rapid travel speed in Z	30 m/min	
Spindle Data		
Power	11 kW	
Speed RPM	1,000–22,000	
Clamping system	HSK-63F	
Tool changer	max 32	
Boring block	Anderson Type	
Vacuum pump	500 m ³ /h	
Controller	ANDI-FANUC	
Dimensions:		
Floor area	6,500 x 4,200 mm	
Height	3,300mm	
Weight	11,000 kg	14,000 kg



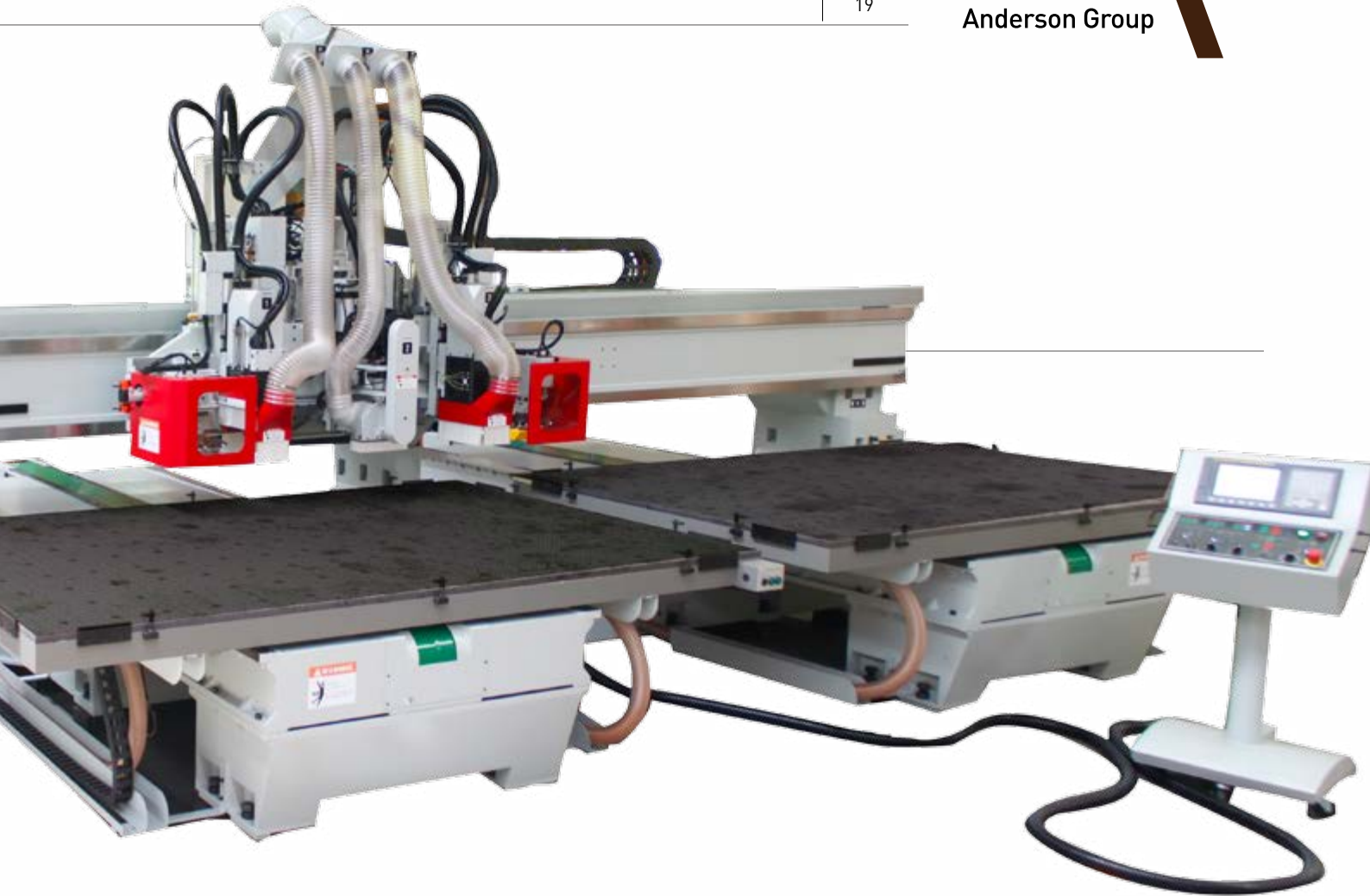
NC Type

Unique CNC Router Solutions for Unique Customer

Anderson NC Routers and Machining Centers are designed by professional engineers, utilizing components from the finest suppliers around the world. We build our machines to exacting standards as governed by ISO9001 and TUV.

Our CNC Router division is arranged in several product groups. These groups include machine models that have captivated the market for the past several years, by providing unmatched value without sacrificing quality.





NC Type+LV

Unique CNC Router Solutions for Unique Customer



The Anderson LV CNC router series combines the high tech solution of a 4th axis + or - 90 tiltable router spindle with the heavy duty industrial characteristics common on the Anderson CNC router.

The LV series is the ideal solution for the production of shaped and curved workpieces which cannot be manufactured with a vertical router spindle.

The LV Series offer flexible machine configurations from a wide selection of modular Anderson accessories.

Machine Tables are offered in both longitudinal and latitudinal and are available in variety of fixed table sizes . Our experience as a leading manufacturer of CNC processing centers also allows us to manufactures machines with non-standard table sizes ,for those clients with special needs .



MODEL		NC-3535LV
STROKE	X AXIS	4000 mm
	Y AXIS	3600 mm
	Z AXIS	400 mm
	A AXIS	±90°
TABLE SIZE		3500 x 3500 mm
MAX. FEED SPEED	X,Y AXIS	36 M/min
	Z AXIS	12 M/min
	SPEED	1,000 ~ 22,000 RPM
ATC ROUTER	SPINDLE NOSE	HSK-63F
	NUMBER OF TOOLS	8
TOOL DIA	FOR ROUTER BIT (O.D)	MAX. ϕ 25 mm
POWER	SPINDLE HEAD	11 KW
	VACUUM BLOWER 250 CBM/HR	500 CBM/HR
AIR PRESSURE	HOSE : 3/4"	6 KG/CM2
NC CONTROLLER		Anderson-FANUC
DIMENSIONS	FLOOR AREA	5,900 x 9,300 mm
	HIGHT	2,600 mm
	WEIGHT	10,000 KG
AIR CONSUMPTION		400 L/MIN
TOTAL CONNECTED LAOD / RATED CURRENT		43 KW / 81 A
SUCTION CONNECTION AT CUSTOMER		ϕ 200 mm

Custom engineered

Anderson realizes that not every client or every application fits into our core line of machines and for that we have the Custom Line (NC Type) Machines that can be built to any size, any spec and for every application, no matter how complex. With Multi Spindle, Multi tool changer and even Multi Head designs, built to any size the Custom NC line of Anderson CNC Processing Centers is your way to meet your production goals.

CNC Machining and Routing

Technology employed to produce a custom machine solution includes the following:

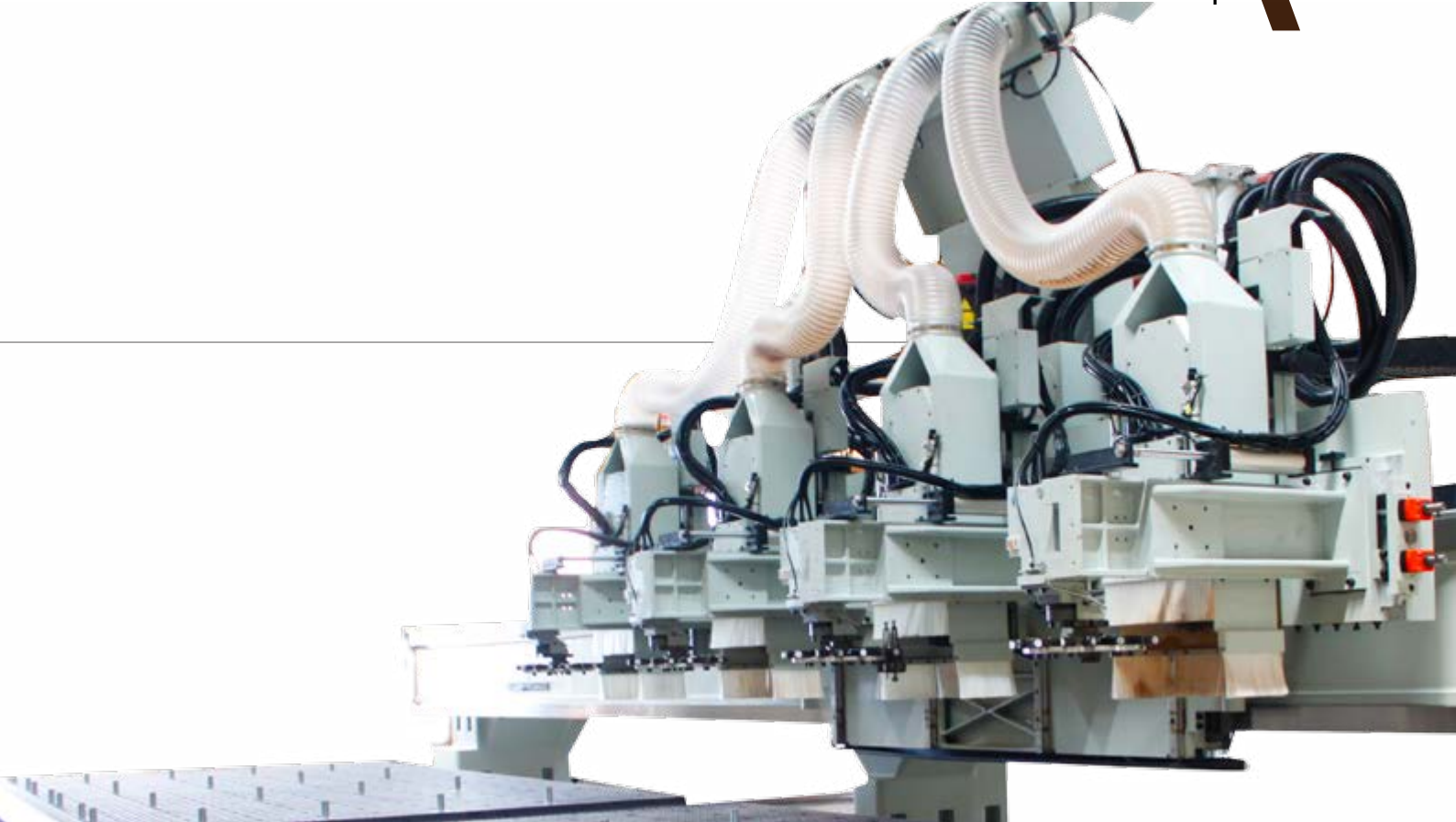
Extensive machine design experience

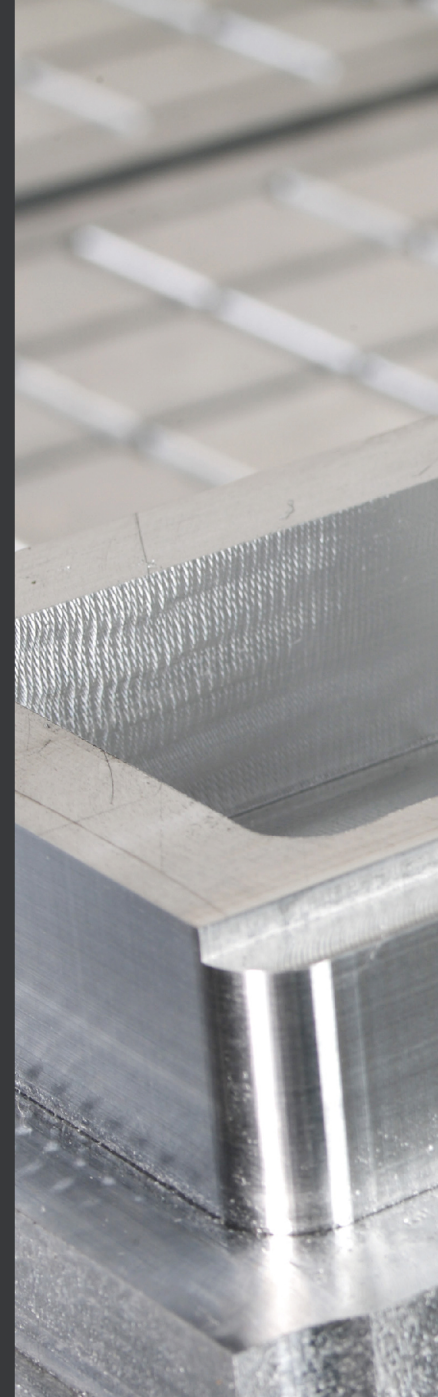
1. 3, 4 and 5-axis CNC machine designs
2. Vacuum Work Holding designs
3. High Speed Machining designs
4. Linear Motor Drives designs
5. Glass Scales



Other CNC Technologies

1. Micro and Larger Scale CNC Laser Cutting
2. Twin Spindle CNC Glass cutting
3. Laser Engraving for Solar Panels





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