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CNC
VERTICAL
MACHINING
CENTER



RIC-MC650B

STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Spindle air blast
- Workpiece air blast
- Work lamp
- Alarm light
- Auto. power off (M30)
- RS-232 Interface
- Air gun and water gun
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle
- Link belt type chip conveyor and cart
- Air conditioner for electrical cabinet
- Coolant through spindle with filter system
- Coolant around spindle
- Water curtain device
- Powerful chip flushing system
- Preparation for 4th axis
- CNC rotary table
- CE
- Oil skimmer
- Transformer



RIC-MC650B



RIC-MC800B

RIC-MC800B

STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Link belt type chip conveyor and cart
- Coolant through spindle
- Preparation for 4th axis
- CE
- CNC rotary table
- Transformer

× Please refer to quotation for full options.



SPECIFICATION

		RIC-MC650B	RIC-MC800B
CAPACITY			
Table Size	mm	800 x 450	960 x 500
T-slot (No. x P. x W.)	mm	3 x 125 x 18	5 x 100 x 18
Max. Table Loading	kg	450	550
Spindle Nose to Table	mm	120-640	150-670
Spindle Center to Column Surface	mm	540	500
TRAVEL			
X-axis	mm	650	800
Y-axis	mm	500	500
Z-axis	mm	520	520
SPINDLE			
Driving System	type	Belt	Belt
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)
BOX GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	8	10
X / Y / Z-axis Rapid Traverse	M/min.	20 / 20 / 20	18 / 18 / 18 (opt. 30 / 30 / 30)
ATC			
Tool Change System	type	Arm	Arm
Tool Capacity	no.	24T	24T
Max. Tool Diameter	mm	80	80
Max. Tool Length	mm	300	300
Max. Tool Weight	kg	7	7
MOTOR			
Spindle Motor	kW	11/15	7.5 (opt. 11)
X / Y / Z-axes Motor	kW	4	3
MEASUREMENT			
Net Weight (Approx.)	kg	5000	6200
Gross Weight (Approx.)	kg	5400	6800
Packing Size in Wooden Pallet (Approx.)	mm	2910 x 2300 x 2450	4250 x 2300 x 2460

※ Specifications are subject to change without prior notice.



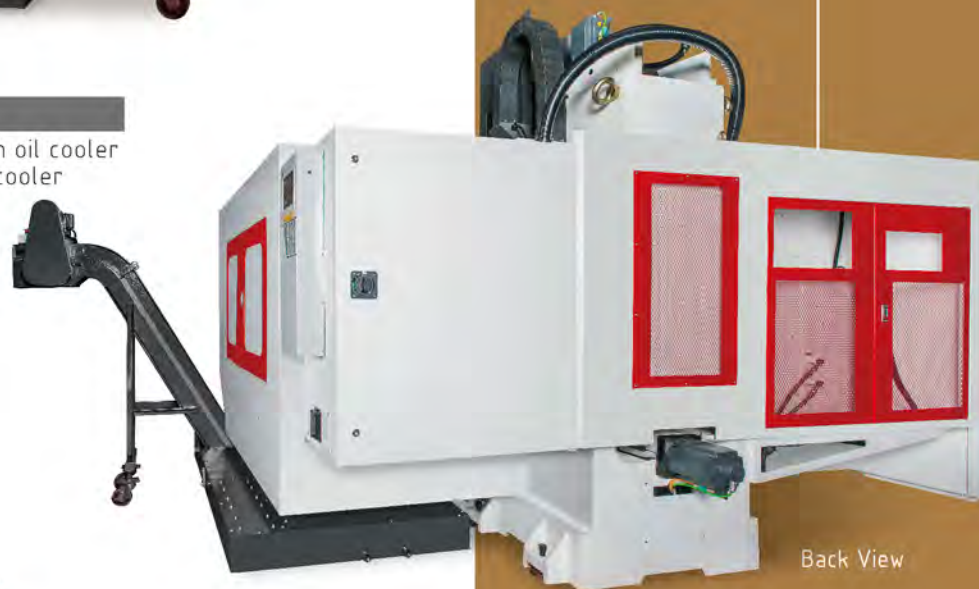
STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Spindle air blast
- Remote manual pulse generator
- Rear chip flushing system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Coolant through spindle
- Spindle oil cooler
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Tool length measurement
- Workpiece measurement
- Auto. power off
- Preparation for 4th axis
- EMC filter
- Water gun
- Transformer

× Please refer to quotation for full options.



Back View



SPECIFICATION

		RIC-MC1050B	RIC-MC1060B
CAPACITY			
Table Size	mm	1200 x 508	1300 x 600
T-slot (No. x P. x W.)	mm	5 x 85 x 16	5 x 100 x 18
Max. Table Loading	kg	800	800
Spindle Nose to Table	mm	100-670	100-740
Spindle Center to Column Surface	mm	600	675
TRAVEL			
X-axis	mm	1000	1000
Y-axis	mm	500	600
Z-axis	mm	570	640
SPINDLE			
Driving System	type	Belt (opt. Direct)	Belt (opt. Direct)
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)
BOX GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	5	5
X / Y / Z-axis Rapid Traverse	M/min.	15 / 15 / 15	15 / 15 / 15
ATC			
Tool Change System	type	Armless (opt. Arm)	Armless (opt. Arm)
Tool Capacity	no.	20T (opt. 24T)	20T (opt. 24T)
Max. Tool Diameter	mm	130	130
Max. Tool Length	mm	350	350
Max. Tool Weight	kg	8	8
MOTOR			
Spindle Motor	kW	7.5 (opt. 11)	7.5 (opt. 11)
X / Y / Z-axes Motor	kW	2 / 2 / 4	2 / 2 / 4
MEASUREMENT			
Net Weight (Approx.)	kg	5000	5500
Gross Weight (Approx.)	kg	5500	6000
Packing Size in Wooden Pallet (Approx.)	mm	3300 x 2280 x 2550	3300 x 2280 x 2550

※ Specifications are subject to change without prior notice.

RIC-MC1170B & MC1370B

BOXWAY series

SPECIFICATION

		RIC-MC1170B	RIC-MC1370B
CAPACITY			
Table Size	mm	1270 x 660	1500 x 700
T-slot (No. x P. x W.)	mm	5 x 135 x 18	5 x 135 x 18
Max. Table Loading	kg	1500	1500
Spindle Nose to Table	mm	130-800	130-800
Spindle Center to Column Surface	mm	710	710
TRAVEL			
X-axis	mm	1100	1300
Y-axis	mm	700	700
Z-axis	mm	670	670
SPINDLE			
Driving System	type	Belt (opt. Direct)	Belt (opt. Direct)
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)
BOX GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	5	5
X / Y / Z-axis Rapid Traverse	M/min.	20 / 20 / 20	20 / 20 / 20
ATC			
Tool Change System	type	Armless (opt. Arm)	Armless (opt. Arm)
Tool Capacity	no.	20T (opt. 24T)	20T (opt. 24T)
Max. Tool Diameter	mm	130	130
Max. Tool Length	mm	350	350
Max. Tool Weight	kg	8	8
MOTOR			
Spindle Motor	kW	11	11
X / Y / Z-axes Motor	kW	4	4
MEASUREMENT			
Net Weight (Approx.)	kg	7000	7500
Gross Weight (Approx.)	kg	7500	8000
Packing Size in Wooden Pallet (Approx.)	mm	3300 x 2280 x 2550	4500 x 2280 x 2550

※ Specifications are subject to change without prior notice.



STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Spindle air blast
- Remote manual pulse generator
- Rear chip flushing system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Coolant through spindle
- Spindle oil cooler
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Tool length measurement
- Workpiece measurement
- Auto. power off
- Preparation for 4th axis
- EMC filter
- Transformer
- Water gun

× Please refer to quotation for full options.



Arm type ATC 24T (Opt.)



Wide Span of
Y axis Slideway

RIC-MC1368B & MC1568B

BOXWAY series



RIC-MC1368B

STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Spindle air blast
- Remote manual pulse generator
- Rear chip flushing system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Coolant through spindle
- Spindle oil cooler
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Tool length measurement
- Workpiece measurement
- Auto. power off
- Preparation for 4th axis
- EMC filter
- Water gun
- Transformer

× Please refer to quotation for full options.

SPECIFICATION

		RIC-MC1368B	RIC-MC1568B
CAPACITY			
Table Size	mm	1500 x 600	1700 x 600
T-slot (No. x P. x W.)	mm	5 x 100 x 18	5 x 100 x 18
Max. Table Loading	kg	1000	1000
Spindle Nose to Table	mm	100-770	100-770
Spindle Center to Column Surface	mm	767	767
TRAVEL			
X-axis	mm	1300	1500
Y-axis	mm	700	700
Z-axis	mm	670	670
SPINDLE			
Driving System	type	Belt (opt. Direct)	Belt (opt. Direct)
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)
BOX GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	5	5
X / Y / Z-axis Rapid Traverse	M/min.	20 / 20 / 20	20 / 20 / 20
ATC			
Tool Change System	type	Armless (opt. Arm)	Armless (opt. Arm)
Tool Capacity	no.	20T (opt. 24T)	20T (opt. 24T)
Max. Tool Diameter	mm	130	130
Max. Tool Length	mm	350	350
Max. Tool Weight	kg	8	8
MOTOR			
Spindle Motor	kW	11	11
X / Y / Z-axes Motor	kW	4	4
MEASUREMENT			
Net Weight (Approx.)	kg	6000	6500
Gross Weight (Approx.)	kg	6500	7000
Packing Size in Wooden Pallet (Approx.)	mm	3300 x 2280 x 2550	4200 x 2280 x 2550

※ Specifications are subject to change without prior notice.





Direct Drive
Gearbox (Opt.)



CNC Rotary Table (Opt.)



STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle
- Link belt type chip conveyor and cart
- Coolant through spindle
- Preparation for 4th axis
- CE
- CNC rotary table
- Transformer

× Please refer to quotation
for full options.

Back View



RIC-MC1060B4 & MC1160B4

BOXWAY series



SPECIFICATION

RIC-MC1060B4

RIC-MC1160B4

CAPACITY

Table Size	mm	1160 x 550	1260 x 550
T-slot (No. x P. x W.)	mm	5 x 110 x 18	5 x 110 x 18
Max. Table Loading	kg	900	1000
Spindle Nose to Table	mm	160-760	160-760
Spindle Center to Column Surface	mm	685	685

TRAVEL

X-axis	mm	1000	1100
Y-axis	mm	600	600
Z-axis	mm	600	600

SPINDLE

Driving System	type	Belt (opt. Gearbox)	Belt (opt. Gearbox)
Spindle Taper		BT40 (opt. BT50)	BT40 (opt. BT50)
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)

BOX GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 4 / 2	2 / 4 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	16 / 16 / 16 (opt. 28 / 28 / 28)	16 / 16 / 16 (opt. 28 / 28 / 28)

ATC

Tool Change System	type	Arm (opt. Chain)	Arm (opt. Chain)
Tool Capacity	no.	24T (opt. 30 / 32 / 36T)	24T (opt. 30 / 32 / 36T)
Max. Tool Diameter	mm	89	89
Max. Tool Length	mm	250	250
Max. Tool Weight	kg	7	7

MOTOR

Spindle Motor	kW	11 (opt. 15)	11 (opt. 15)
X / Y / Z-axes Motor	kW	3	3

MEASUREMENT

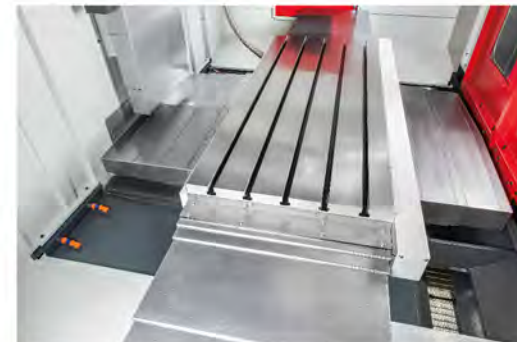
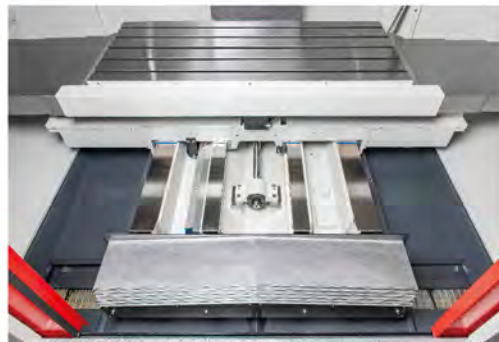
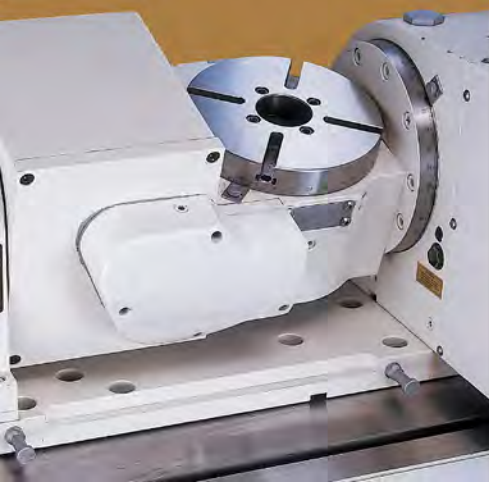
Net Weight (Approx.)	kg	7500	7800
Gross Weight (Approx.)	kg	8080	8380
Packing Size in Wooden Pallet (Approx.)	mm	3220 x 2300 x 2550 + 2090 x 2090 x 1800	3220 x 2300 x 2550 + 2090 x 2090 x 1800

※ Specifications are subject to change without prior notice.



RIC-MC1480B4

CNC Rotary Table (Opt.)



STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- BT40, 10000rpm Direct drive spindle
- BT50, 8000rpm Belt drive spindle
- BT40/BT50, 6000rpm Gearbox spindle
- Arm type ATC 30/36 tools
- Chain type ATC 32/40 tools
- Link belt type chip conveyor and cart
- Coolant through spindle
- Preparation for 4th axis
- Tool length measurement
- Workpiece measurement
- CE
- CNC rotary table
- Transformer

× Please refer to quotation for full options.



Chain Type ATC (Opt.)

RIC-MC1270B4 & MC1370B4 & MC1480B4

BOXWAY series

SPECIFICATION

		RIC-MC1270B4	RIC-MC1370B4	RIC-MC1480B4
CAPACITY				
Table Size	mm	1400 x 650	1500 x 650	1500 x 650
T-slot (No. x P. x W.)	mm	5 x 120 x 18	5 x 120 x 18	5 x 120 x 18
Max. Table Loading	kg	1400	1500	1600
Spindle Nose to Table	mm	100-750	100-800	100-800
Spindle Center to Column Surface	mm	800	800	850
TRAVEL				
X-axis	mm	1200	1300	1400
Y-axis	mm	700	700	750
Z-axis	mm	650	700	700
SPINDLE				
Driving System	type	Belt (opt. Gearbox)	Belt (opt. Gearbox)	Belt (opt. Gearbox)
Spindle Taper		BT40 (opt. BT50)	BT40 (opt. BT50)	BT40 (opt. BT50)
Max. Spindle Speed	rpm	8000 (opt. 10000)	8000 (opt. 10000)	8000 (opt. 10000)
BOX GUIDEWAY				
X / Y / Z-axis Slide Way	no.	2 / 4 / 2	2 / 4 / 2	2 / 4 / 2
FEEDRATE				
Max. Cutting Feedrate	M/min.	10	10	10
X / Y / Z-axis Rapid Traverse	M/min.	15 / 15 / 15	15 / 15 / 15	15 / 15 / 15
ATC				
Tool Change System	type	Arm (opt. Chain)	Arm (opt. Chain)	Arm (opt. Chain)
Tool Capacity	no.	24T (opt. 30 / 32 / 36T)	24T (opt. 30 / 32 / 36T)	24T (opt. 30 / 32 / 36T)
Max. Tool Diameter	mm	89	89	89
Max. Tool Length	mm	250	250	250
Max. Tool Weight	kg	7	7	15
MOTOR				
Spindle Motor	kW	15 (opt. 18.5)	15 (opt. 18.5)	15 (opt. 18.5)
X / Y / Z-axes Motor	kW	4	4	4
MEASUREMENT				
Net Weight (Approx.)	kg	9500	10500	12000
Gross Weight (Approx.)	kg	9830	10830	12330
Packing Size in Wooden Pallet (Approx.)	mm	3440 x 2280 x 2540 + 2430 x 2300 x 1860	3440 x 2280 x 2540 + 2430 x 2300 x 1860	3440 x 2280 x 2540 + 2430 x 2300 x 1860

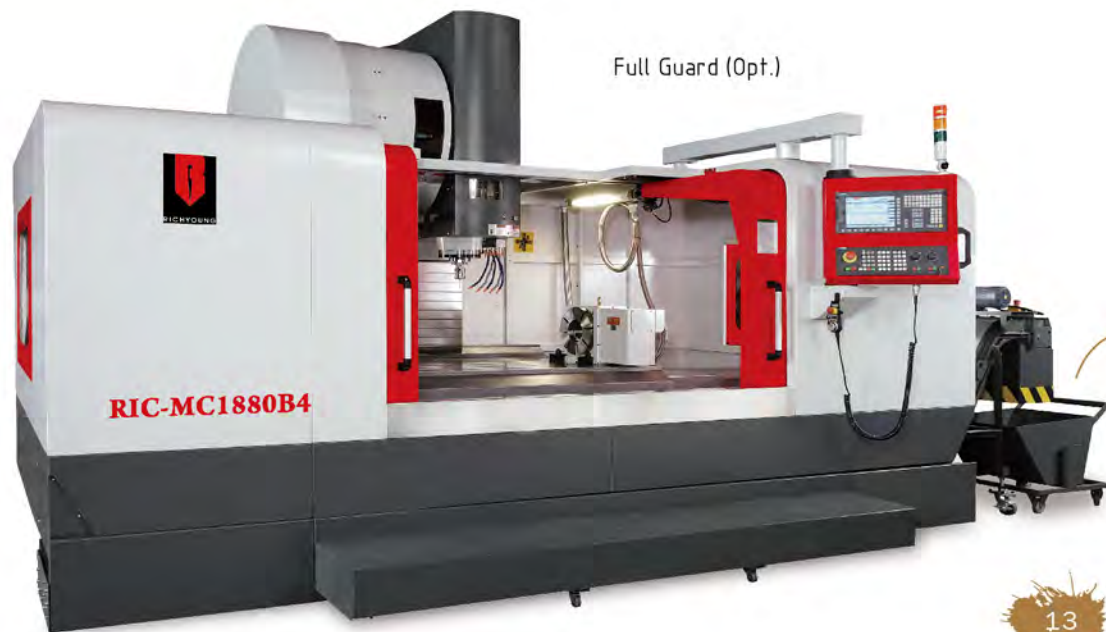
※ Specifications are subject to change without prior notice.



RIC-MC1680B4 Frame



Full Guard (Opt.)



RIC-MC1880B4

STANDARD ACCESSORIES

- BT50, 6000rpm Gearbox drive spindle
- Semi-enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor × 2 sets
- Link belt type chip conveyor and cart × 1 set
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Transformer
- Patent oil skimmer
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 8000/10000rpm Belt drive spindle
- BT40, 10000/12000rpm Direct drive spindle
- Chain type ATC 32 tools
- Fully enclosed splash guard
- Air conditioner for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- CE
- CNC rotary table

× Please refer to quotation for full options.



Standard with
Patent Oil Skimmer



SPECIFICATION

RIC-MC1680B4

RIC-MC1880B4

CAPACITY

Table Size	mm	1800 x 750	1960 x 750
T-slot (No. x P. x W.)	mm	5 x 150 x 22	5 x 150 x 22
Max. Table Loading	kg	2000	2300
Spindle Nose to Table	mm	200-900	200-900
Spindle Center to Column Surface	mm	850	850

TRAVEL

X-axis	mm	1600	1800
Y-axis	mm	800	800
Z-axis	mm	700	700

SPINDLE

Driving System	type	Gearbox (opt. Belt)	Gearbox (opt. Belt)
Spindle Taper		BT50 (opt. BT40)	BT50 (opt. BT40)
Max. Spindle Speed	rpm	6000 (opt. 8000 / 10000 / 12000 / 15000)	6000 (opt. 8000 / 10000 / 12000 / 15000)

BOX GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 4 / 2	2 / 4 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	15 / 15 / 15	10 / 10 / 10

ATC

Tool Change System	type	Arm (opt. Chain)	Arm (opt. Chain)
Tool Capacity	no.	24T (opt. 32T)	24T (opt. 32T)
Max. Tool Diameter	mm	110	110
Max. Tool Length	mm	300	300
Max. Tool Weight	kg	15	15

MOTOR

Spindle Motor	kW	18.5 (opt. 22)	18.5 (opt. 22)
X / Y / Z-axes Motor	kW	7	7

MEASUREMENT

Net Weight (Approx.)	kg	14500	16000
Gross Weight (Approx.)	kg	16580	18080
Packing Size (Approx.)	mm	3575 x 3575 x 3455 (Wooden case) + 5370 x 2290 x 1440 (Wooden pallet)	3575 x 3575 x 3455 (Wooden case) + 5370 x 2290 x 1440 (Wooden pallet)

※ Specifications are subject to change without prior notice.

Light
Duty.



STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Spindle air blast
- Remote manual pulse generator
- Rear chip flushing system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Coolant through spindle
- Spindle oil cooler
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Tool length measurement
- Workpiece measurement
- Auto. power off
- Preparation for 4th axis
- EMC filter
- Water gun
- Transformer

× Please refer to quotation for full options.

Standard with Direct Drive Gearbox



STANDARD ACCESSORIES

- BT50, 6000rpm Gearbox drive spindle
- Semi-enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart x 2sets
- Link belt type chip conveyor and cart x 1 set
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Transformer
- Oil skimmer
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 8000/10000rpm Belt drive spindle
- BT40, 10000/12000rpm Direct drive spindle
- Chain type ATC 32 tools
- Fully enclosed splash guard
- Air conditioner for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- CE
- CNC rotary table

× Please refer to quotation for full options.





Extended Work Table Design



Full Guarding (Opt.)



Back View
Full Guarding (Opt.)

STANDARD ACCESSORIES

- BT50, 6000rpm Gearbox drive spindle
- Semi-enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor × 2 sets
- Link belt type chip conveyor and cart × 1 set
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Transformer
- Patent oil skimmer
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 8000/10000rpm Belt drive spindle
 - BT40, 10000/12000rpm Direct drive spindle
 - Chain type ATC 32 tools
 - Fully enclosed splash guard
 - Air conditioner for electrical cabinet
 - Coolant through spindle
 - Tool length measurement
 - Workpiece measurement
 - CE
 - CNC rotary table
- × Please refer to quotation for full options.

BOXWAY series

RIC-MC2085B4 & MC2090B4 & MC2290B4



SPECIFICATION

CAPACITY

		RIC-MC2085B4	RIC-MC2090B4	RIC-MC2290B4
Table Size	mm	2100 x 762	2360 x 970	2300 x 970
T-slot (No. x P. x W.)	mm	5 x 150 x 18	5 x 150 x 22	
Max. Table Loading	kg	1800	2800	
Spindle Nose to Table	mm	100-900	250-950	
Spindle Center to Column Surface	mm	776	1000	

TRAVEL

X-axis	mm	2000	2000	2200
Y-axis	mm	840	900	1000
Z-axis	mm	800	700	

SPINDLE

Driving System	type	Belt (opt. Direct)	Gearbox (opt. Belt)	
Spindle Taper		BT40	BT50 (opt. BT40)	
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	6000 (opt. 8000 / 10000 / 12000 / 15000)	

BOX GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 4 / 2	2 / 4 / 2	
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FEEDRATE

Max. Cutting Feedrate	M/min.	5	10	
X / Y / Z-axis Rapid Traverse	M/min.	20 / 20 / 20	10 / 10 / 10	

ATC

Tool Change System	type	Armless (opt. Arm / Chain)	Arm (opt. Chain)	
Tool Capacity	no.	20T (opt. 24 / 32T)	24T (opt. 32T)	
Max. Tool Diameter	mm	130	110	
Max. Tool Length	mm	350	300	
Max. Tool Weight	kg	8	15	

MOTOR

Spindle Motor	kW	15	18.5 (opt. 22)	
X / Y / Z-axes Motor	kW	4	7	

MEASUREMENT

Net Weight (Approx.)	kg	9000	19500	21000
Gross Weight (Approx.)	kg	9500	21100	22600
Packing Size in Wooden Pallet (Approx.)	mm	5900 x 2280 x 2550	3820 x 3820 x 3580 (Wooden case) + 5720 x 2300 x 1740 (Wooden pallet)	

※ Specifications are subject to change without prior notice.



STANDARD ACCESSORIES

- BT50, 6000rpm Gearbox drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Chip flushing system
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- CE
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- Arm type ATC 32 tools
- Link belt type chip conveyor and cart
- Coolant through spindle
- CNC rotary table
- Oil skimmer
- Transformer
- ✕ Please refer to quotation for full options.



- Y-axis with 2 Ballscrews & 3 Chip Augers.
- 2 Separated Telescopic Covers Stand Side by Side and Enable to Clean Up Chips.

RIC-MC2500B6G & MC3000B6G

BOXWAY series

SPECIFICATION

		RIC-MC2500B6G	RIC-MC3000B6G
CAPACITY			
Table Size	mm	2700 x 1000	3100 x 1000
T-slot (No. x P. x W.)	mm	8 x 125 x 22	8 x 125 x 22
Max. Table Loading	kg	3200	4000
Spindle Nose to Table	mm	185-985	185-985
Spindle Center to Column Surface	mm	1080	1080
TRAVEL			
X-axis	mm	2500	3000
Y-axis	mm	1000	1000
Z-axis	mm	800	800
SPINDLE			
Driving System	type	Gearbox	Gearbox
Spindle Taper		BT50	BT50
Max. Spindle Speed	rpm	6000 (opt. 8000)	6000 (opt. 8000)
BOX GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 6 / 2	2 / 6 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	5	5
X / Y / Z-axis Rapid Traverse	M/min.	16 / 16 / 16	16 / 16 / 16
ATC			
Tool Change System	type	Arm	Arm
Tool Capacity	no.	24T (opt. 32 / 40T)	24T (opt. 32 / 40T)
Max. Tool Diameter	mm	110	110
Max. Tool Length	mm	350	350
Max. Tool Weight	kg	15	15
MOTOR			
Spindle Motor	kW	15/18.5	15/18.5
X / Y / Z-axes Motor	kW	7	7
MEASUREMENT			
Net Weight (Approx.)	kg	23000	25000
Gross Weight (Approx.)	kg	24500	26500
Packing Size	mm	1 x 20'FR + 1 x 20'CY	1 x 20'FR + 1 x 20'CY

※ Specifications are subject to change without prior notice.

RIC-MC650L / MC760L

STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Screw type chip conveyor and cart
- Coolant system
- Rear chip flushing system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Safety door lock
- Work lamp
- Alarm light
- Telescopic cover on 3 axes
- Limit switch and pulley for 3 axes
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 12000rpm Belt/Direct drive spindle
- Coolant through spindle
- Air conditioner for electrical cabinet
- Chain type chip conveyor and cart
- Tool length measurement
- Workpiece measurement
- Preparation for 4th axis
- Water gun
- Oil skimmer
- Oil mist collector
- CE
- EMC filter
- Transformer

× Please refer to quotation for full options.



RIC-MC600L



RIC-MC650L

SPECIFICATION

		RIC-MC600L	RIC-MC650L	RIC-MC760L
CAPACITY				
Table Size	mm	700 x 450	770 x 410	1000 x 410
T-slot (No. x P. x W.)	mm	4 x 95 x 16	5 x 63 x 16	5 x 63 x 16
Max. Table Loading	kg	250	400	700
Spindle Nose to Table	mm	100-620	100-600	100-600
Spindle Center to Column Surface	mm	460	445	445
TRAVEL				
X-axis	mm	600	650	760
Y-axis	mm	460	410	410
Z-axis	mm	520	500	500
SPINDLE				
Driving System	type	Belt (opt. Direct)	Belt (opt. Direct)	Belt (opt. Direct)
Spindle Taper		BT40	BT40	BT40
Max. Spindle Speed	rpm	10000 (opt. 12000)	10000 (opt. 12000)	10000 (opt. 12000)
LINEAR GUIDEWAY				
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2	2 / 2 / 2
FEEDRATE				
Max. Cutting Feedrate	M/min.	10	10	10
X / Y / Z-axis Rapid Traverse	M/min.	30 / 30 / 30	36 / 36 / 30	36 / 36 / 30
ATC				
Tool Change System	type	Armless	Arm	Arm
Tool Capacity	no.	20T	24T	24T
Max. Tool Diameter	mm	80	130	130
Max. Tool Length	mm	200	350	350
Max. Tool Weight	kg	7	8	8
MOTOR				
Spindle Motor	kW	5.5/7.5 (opt. 7.5/11)	5.5	5.5
X / Y / Z-axes Motor	kW	1.2 / 1.2 / 2.5	2	2
MEASUREMENT				
Net Weight (Approx.)	kg	3400	4000	4200
Gross Weight (Approx.)	kg	3500	4500	4700
Packing Size in Wooden Pallet (Approx.)	mm	2280 x 2280 x 2450	2400 x 2280 x 2550	2400 x 2280 x 2550

※ Specifications are subject to change without prior notice.

RIC-MC600L

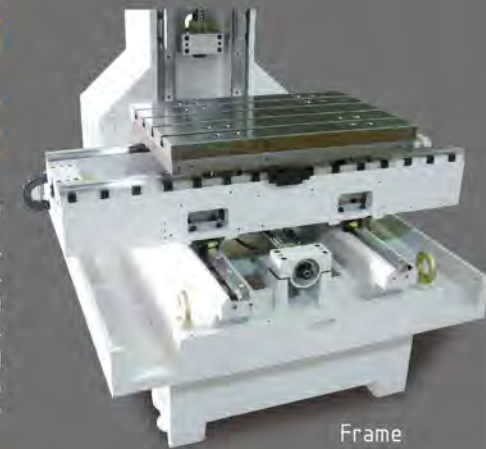
STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Coolant system
- Screw type chip conveyor and cart
- Auto. lubrication system
- Chip flushing system
- Work lamp
- Alarm light
- Rigid tapping
- Telescopic cover on 3 axes
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000/15000rpm Direct drive spindle
- Arm type ATC 20/24 tools
- Spindle oil cooler
- Heat exchanger for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Preparation for 4th axis
- CNC rotary table
- Water gun
- CE
- Transformer

× Please refer to quotation for full options.



Frame

RIC-MC710L**STANDARD ACCESSORIES**

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Coolant system
- Screw type chip conveyor and cart
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Auto. power off
- M code air blast device
- Coolant gun and air gun
- CE
- Work lamp
- Transformer
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Chain type chip conveyor and cart
- Chip flushing system
- Oil skimmer

× Please refer to quotation for full options.



Electrical Cabinet for MC800LL with Siemens 828D (Opt.)

**RIC-MC800LL****STANDARD ACCESSORIES**

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Coolant system
- Screw type chip conveyor and cart
- Auto. lubrication system
- Chip flushing system
- Work lamp
- Alarm light
- Rigid tapping
- Telescopic cover on 3 axes
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000/15000rpm Direct drive spindle
- Arm type ATC 20/24 tools
- Spindle oil cooler
- Heat exchanger for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Preparation for 4th axis
- CNC rotary table
- Water gun
- CE
- Transformer

× Please refer to quotation for full options.



Coolant Tank for CTS (Opt.)

RIC-MC710L & MC800LL

LINEAR WAY series



Working Table for MC710L

SPECIFICATION**RIC-MC710L****RIC-MC800LL****CAPACITY**

Table Size	mm	760 x 420	900 x 450
T-slot (No. x P. x W.)	mm	3 x 100 x 18	4 x 95 x 16
Max. Table Loading	kg	500	250
Spindle Nose to Table	mm	125-585	80-600
Spindle Center to Column Surface	mm	490	460

TRAVEL

X-axis	mm	710	800
Y-axis	mm	460	460
Z-axis	mm	460	520

SPINDLE

Driving System	type	Belt	Belt (opt. Direct)
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	10000 (opt. 12000)	10000 (opt. 12000)

LINEAR GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	30 / 30 / 30	30 / 30 / 30

ATC

Tool Change System	type	Arm	Armless
Tool Capacity	no.	24T	20T
Max. Tool Diameter	mm	76	80
Max. Tool Length	mm	250	200
Max. Tool Weight	kg	7	7

MOTOR

Spindle Motor	kW	5.5/7.5	5.5/7.5 (opt. 7.5/11)
X / Y / Z-axes Motor	kW	1.5	1.2 / 1.2 / 2.5

MEASUREMENT

Net Weight (Approx.)	kg	4000	3400
Gross Weight (Approx.)	kg	4500	3500
Packing Size in Wooden Pallet (Approx.)	mm	2850 x 2280 x 2550	2550 x 2250 x 2410

※ Specifications are subject to change without prior notice.

STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 16 tools
- Spindle oil cooler
- Spindle air blast
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Work lamp
- Alarm light
- Chip flushing system
- Coolant gun
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm IDD type - Grease lubrication spindle
- BT40, 10000/12000/15000rpm IDD type - Oil-air lubrication spindle
- HSK A63 Spindle taper
- Arm type ATC 24/30 tools
- Screw type chip conveyor and cart
- Link belt type chip conveyor and cart
- Linear encoder for 3 axes
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Oil mist collector
- Oil skimmer
- CE
- Transformer

× Please refer to quotation for full options.



X Type Ribs Column and Double-Wall Headstock



Direct Drive Axial Transmission



Precise High Speed Spindle



SPECIFICATION

RIC-MC850L

CAPACITY

Table Size	mm	1000 x 460
T-slot (No. x P. x W.)	mm	5 x 80 x 18
Max. Table Loading	kg	500
Spindle Nose to Table	mm	150-760
Spindle Center to Column Surface	mm	500

TRAVEL

X-axis	mm	850
Y-axis	mm	510
Z-axis	mm	610

SPINDLE

Driving System	type	Belt (opt. IDD)
Spindle Taper		BT40
Max. Spindle Speed	rpm	10000 (opt. 12000 / 15000)

LINEAR GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 2 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10
X / Y / Z-axis Rapid Traverse	M/min.	36 / 36 / 36

ATC

Tool Change System	type	Armless (opt. Arm)
Tool Capacity	no.	16T (opt. 24 / 30T)
Max. Tool Diameter	mm	75
Max. Tool Length	mm	300
Max. Tool Weight	kg	7

MOTOR

Spindle Motor	kW	7.5/11 (opt. 11/15)
X / Y / Z-axes Motor	kW	1.8 / 1.8 / 3

MEASUREMENT

Net Weight (Approx.)	kg	4300
Gross Weight (Approx.)	kg	4550
Packing Size in Wooden Pallet (Approx.)	mm	2900 x 2300 x 2560

※ Specifications are subject to change without prior notice.

RIC-MC1000LL

STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Coolant system
- Screw type chip conveyor and cart
- Auto. lubrication system
- Work lamp
- Alarm light
- Rigid tapping
- Telescopic cover on 3 axes
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- 10000/12000rpm Spindle speed
- Arm type ATC 30 tools
- Chain type ATC 40 tools
- Spindle oil cooler
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Coolant through spindle
- Coolant around spindle
- CNC rotary table
- Water gun
- CE
- Transformer

× Please refer to quotation for full options.



RIC-MC1000LL



RIC-MC1060L

RIC-MC1060L

STANDARD ACCESSORIES

- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Rear chip flushing system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Spindle oil cooler
- Auto. power off
- Preparation for 4th axis
- Water gun
- Oil skimmer
- Oil mist collector
- CE
- EMC filter
- Transformer

× Please refer to quotation for full options.

SPECIFICATION

		RIC-MC1000LL	RIC-MC1060L
CAPACITY			
Table Size	mm	1120 x 600	1200 x 530
T-slot (No. x P. x W.)	mm	5 x 100 x 18	5 x 80 x 16
Max. Table Loading	kg	400	1000
Spindle Nose to Table	mm	80-680	100-810
Spindle Center to Column Surface	mm	620	668
TRAVEL			
X-axis	mm	1000	1000
Y-axis	mm	600	600
Z-axis	mm	600	710
SPINDLE			
Driving System	type	Belt	Belt (opt. Direct)
Spindle Taper		BT40	BT40
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000)	8000 (opt. 10000 / 12000)
LINEAR GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	24 / 24 / 20	36 / 36 / 30
ATC			
Tool Change System	type	Arm	Armless (opt. Arm)
Tool Capacity	no.	24T	20T (opt. 24T)
Max. Tool Diameter	mm	80	130
Max. Tool Length	mm	200	350
Max. Tool Weight	kg	7	8
MOTOR			
Spindle Motor	kW	7.5/11 (opt. 11/15)	7.5 / 11
X / Y / Z-axes Motor	kW	3 / 3 / 4	2 / 2 / 3
MEASUREMENT			
Net Weight (Approx.)	kg	5500	6500
Gross Weight (Approx.)	kg	5700	7000
Packing Size in Wooden Pallet (Approx.)	mm	2800 x 2280 x 2500	3300 x 2280 x 2550

※ Specifications are subject to change without prior notice.



For RIC-MC1060L

STANDARD ACCESSORIES

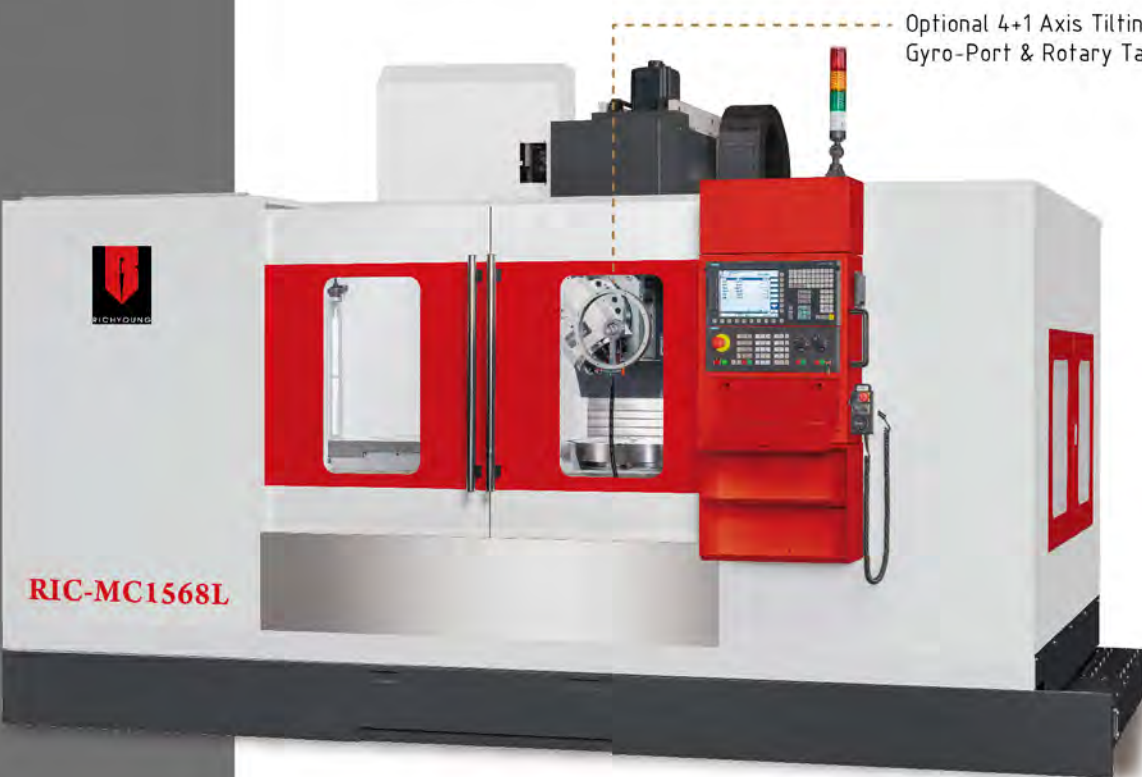
- BT40, 8000rpm Belt drive spindle
- Fully enclosed splash guard
- Armless type ATC 20 tools
- Screw type chip conveyor and cart
- Coolant system
- Rear chip flushing system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Safety door lock
- Work lamp
- Alarm light
- Leveling bolts and pads
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000rpm Belt drive spindle with oil cooler
- BT40, 12000rpm Direct drive spindle with oil cooler
- Arm type ATC 24/30 tools
- Chain type ATC 32 tools
- Chain type chip conveyor and cart
- Air conditioner for electrical cabinet
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Spindle oil cooler
- Auto. power off
- Preparation for 4th axis
- Water gun
- Oil skimmer
- Oil mist collector
- CE
- EMC filter
- Transformer

× Please refer to quotation for full options.

Optional 4+1 Axis Tilting Head, Gyro-Port & Rotary Table.



RIC-MC1568L



Optional to Integrate Rotary Table & 4+1 Axis Tilting Head



Optional 24T Arm Type ATC & 4+1 Axis Tilting Head

SPECIFICATION

RIC-MC1568L

CAPACITY

Table Size	1700 x 600
T-slot (No. x P. x W.)	5 x 100 x 18
Max. Table Loading	1500
Spindle Nose to Table	100-980
Spindle Center to Column Surface	789

TRAVEL

X-axis	1500
Y-axis	760
Z-axis	880

SPINDLE

Driving System	Belt (opt. Direct)
Spindle Taper	BT40
Max. Spindle Speed	8000 (opt. 10000 / 12000)

LINEAR GUIDEWAY

X / Y / Z-axis Slide Way	2 / 3 / 2
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FEEDRATE

Max. Cutting Feedrate	10
X / Y / Z-axis Rapid Traverse	36 / 36 / 30

ATC

Tool Change System	Armless (opt. Arm)
Tool Capacity	20T (opt. 24T)
Max. Tool Diameter	130
Max. Tool Length	350
Max. Tool Weight	8

MOTOR

Spindle Motor	11 / 15
X / Y / Z-axes Motor	2 / 2 / 3.5

MEASUREMENT

Net Weight (Approx.)	7000
Gross Weight (Approx.)	7500
Packing Size in Iron Pallet (Approx.)	4200 x 2280 x 2550

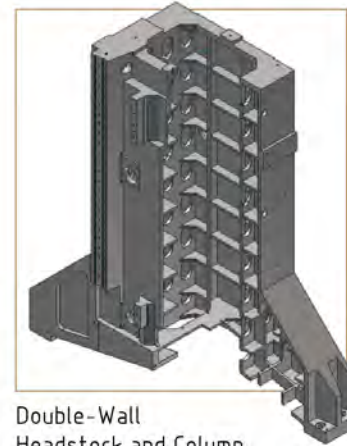
※ Specifications are subject to change without prior notice.

RIC-MC1400L3

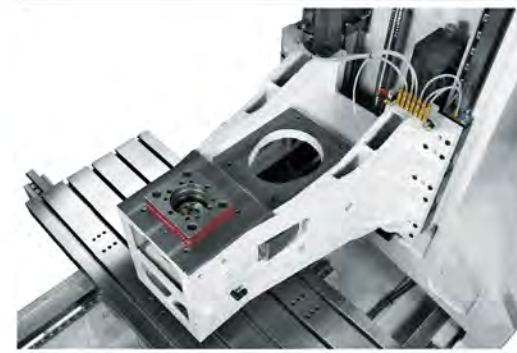
LINEAR WAY series



Pneumatic Pressure Counterweight



Double-Wall Headstock and Column



Double A-Arm Strengthen Headstock



STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 30 tools
- Spindle oil cooler
- Spindle air blast
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Work lamp
- Alarm light
- Chip flushing system
- Coolant gun
- USB/RS232 interface
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm IDD type-Grease lubrication spindle
- BT40, 10000/12000/15000rpm IDD type-Oil-air lubrication spindle
- BT50, 6000rpm Belt drive spingdle
- BT50, 10000rpm IDD type - Oil-air lubrication spindle
- HSK A63 Spindle taper
- Chain type ATC 40 tools
- Screw belt type chip conveyor and cart
- Link type chip conveyor and cart
- Linear encoder for 3 axes
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Oil mist collector
- Oil skimmer
- CE
- Transformer

✧ Please refer to quotation for full options.

SPECIFICATION

RIC-MC1400L3

CAPACITY

Table Size	mm	1500 x 620
T-slot (No. x P. x W.)	mm	5 x 125 x 18
Max. Table Loading	kg	1000
Spindle Nose to Table	mm	150-760
Spindle Center to Column Surface	mm	720

TRAVEL

X-axis	mm	1400
Y-axis	mm	660
Z-axis	mm	610

SPINDLE

Driving System	type	Belt (opt. IDD)
Spindle Taper		BT40 (opt. BT50)
Max. Spindle Speed	rpm	10000 (opt. 12000 / 15000)

LINEAR GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 3 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10
X / Y / Z-axis Rapid Traverse	M/min.	30 / 30 / 30

ATC

Tool Change System	type	Arm (opt. Chain)
Tool Capacity	no.	30T (opt. 40T)
Max. Tool Diameter	mm	75
Max. Tool Length	mm	300
Max. Tool Weight	kg	7

MOTOR

Spindle Motor	kW	11/15
X / Y / Z-axes Motor	kW	3

MEASUREMENT

Net Weight (Approx.)	kg	8500
Gross Weight (Approx.)	kg	8750
Packing Size in Wooden Pallet (Approx.)	mm	40' HQ x 1

※ Specifications are subject to change without prior notice.



RIC-MC1600L4R


Z Axis with
#55 Roller Type Linear Guideways

X Axis with 2 Wide-Span
#45 Roller Type Linear Guideways

Y Axis with 4 Wide-Span
#45 Roller Type Linear Guideways

STANDARD ACCESSORIES

- BT50, 6000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- Spindle oil cooler
- Spindle air blast
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Work lamp
- Alarm light
- Chip flushing system
- Coolant gun
- USB/RS232 interface
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm IDD type - Grease lubrication spindle
- BT50, 10000rpm IDD type - Grease lubrication spindle
- BT50, 6000rpm Gearbox spindle
- BT50, Chain type ATC 32 tools
- Screw type chip conveyor and cart
- Link belt type chip conveyor and cart
- Linear encoder for 3 axes
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Oil mist collector
- Oil skimmer
- CE
- Transformer

* Please refer to quotation for full options.

RIC-MC1600L4R & MC1800L4R

LINEAR WAY series

SPECIFICATION

		RIC-MC1600L4R	RIC-MC1800L4R
CAPACITY			
Table Size	mm	1800 x 850	1900 x 850
T-slot (No. x P. x W.)	mm	5 x 150 x 18	5 x 150 x 18
Max. Table Loading	kg	1500	1500
Spindle Nose to Table	mm	150-850	125-825
Spindle Center to Column Surface	mm	880	880
TRAVEL			
X-axis	mm	1600	1800
Y-axis	mm	850	850
Z-axis	mm	700	700
SPINDLE			
Driving System	type	Belt (opt. IDD)	Belt (opt. IDD)
Spindle Taper		BT50 (opt. BT40)	BT50 (opt. BT40)
Max. Spindle Speed	rpm	6000 (opt. 10000 / 12000)	6000 (opt. 10000 / 12000)
LINEAR GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 4 / 2	2 / 4 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	5	5
X / Y / Z-axis Rapid Traverse	M/min.	15 / 15 / 15	15 / 15 / 15
ATC			
Tool Change System	type	Arm	Arm
Tool Capacity	no.	24T (opt. 30T)	24T (opt. 30T)
Max. Tool Diameter	mm	110	110
Max. Tool Length	mm	300	300
Max. Tool Weight	kg	15	15
MOTOR			
Spindle Motor	kW	15/18.5	15/18.5
X / Y / Z-axes Motor	kW	7	7
MEASUREMENT			
Net Weight (Approx.)	kg	15500	16500
Gross Weight (Approx.)	kg	17950	18950
Packing Size (Approx.)	mm	20' FR x 1	20' FR x 1

* Specifications are subject to change without prior notice.



RIC-HS450

STANDARD ACCESSORIES

- BT30, 10000rpm Direct drive spindle
- Armless type ATC 12 tools
- Screw type chip conveyor and cart
- Auto. lubrication system
- Spindle air blast
- Coolant system
- Work lamp
- Alarm light
- Double-cabinet type heat isolated electrical cabinet
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- 12000/15000/24000rpm Direct drive spindle with oil cooler
- Auto. door
- Heat exchanger for electrical cabinet
- Thermal compensation
- Coolant through spindle
- Workpiece air blow system
- Workpiece measurement
- Tool length measurement
- Oil skimmer
- Oil mist collector
- CNC rotary table
- CE
- Transformer

× Please refer to quotation for full options.



Linear Guideways on 3 Axes



Direct Drive Spindle

RIC-HS510 / HS600 / HS700

STANDARD ACCESSORIES

- BT40, 8000rpm Direct drive spindle (C type)
- BT30, 10000rpm Direct drive spindle (B/D type)
- Armless type ATC 12 tools (B type)
- Arm type ATC 24+1 tools (C type)
- Arm type ATC 20+1 tools (D type)
- Screw type chip conveyor and cart
- Auto. lubrication system
- Spindle air blast
- Coolant system
- Work lamp
- Alarm light
- Double-cabinet type heat isolated electrical cabinet
- Leveling bolts and blocks
- Tool box and tools

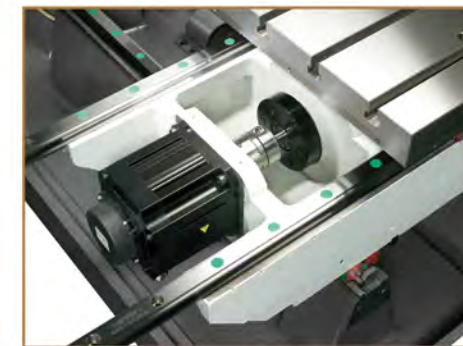
OPTIONAL ACCESSORIES

- 10000/12000/15000rpm Direct drive spindle with oil cooler (C type)
- 12000/15000/24000rpm Direct drive spindle with oil cooler (B/D type)
- Armless type 14/21 tools (B type)
- Auto. door
- Air conditioner for electrical cabinet
- Thermal compensation
- Coolant through spindle
- Workpiece air blow system
- Workpiece measurement
- Tool length measurement
- Oil skimmer
- Oil mist collector
- CNC rotary table
- CE
- Transformer

× Please refer to quotation for full options.



Z Axis Telescopic Cover



High Performance Motors for 3 Axes



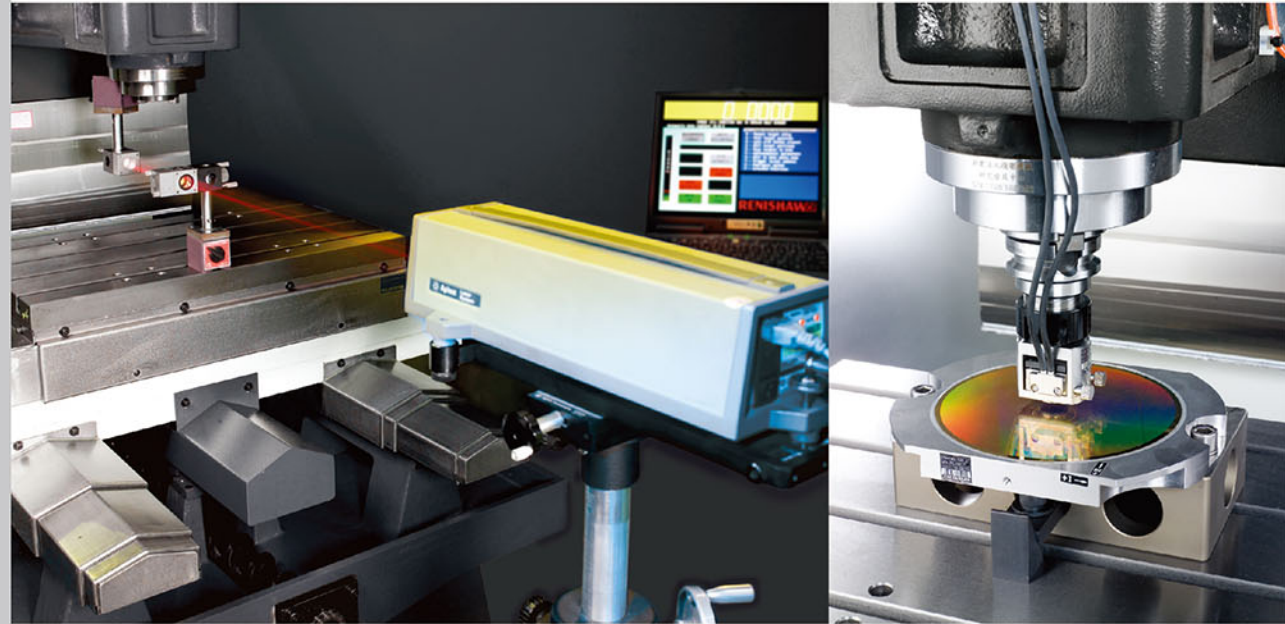
Chip Auger & X,Y Axis Telescopic Cover



RIC-HS600



RIC-HS700



- The positioning accuracy is inspected by using agilent laser unit.
- Positioning accuracy in full travel is less than 0.010mm.
- HEIDENHAIN grid encoder is applied for circular servo adjustment.

RIC-HS450 & HS510 & HS600 & HS700

HIGH SPEED series



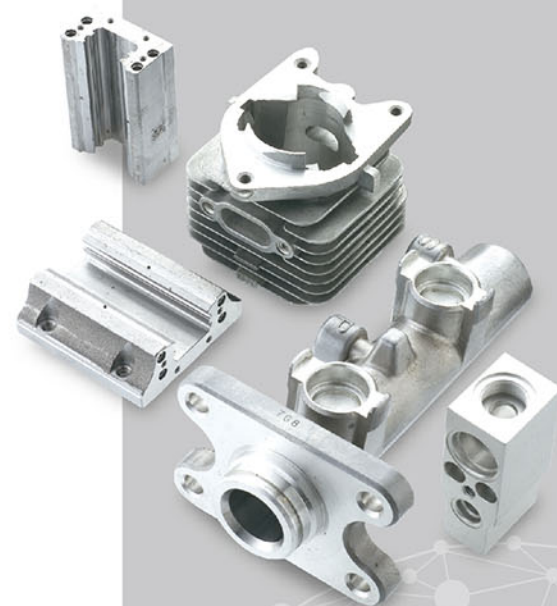
BT30 Arm Type ATC
(for D Type)



BT30 Armless Type ATC
(for HS450 or B Type)



BT30 Armless Type 21T ATC with
Servo Turret (Opt. for B Type)



SPECIFICATION

		RIC-HS450		RIC-HS510	
		C TYPE		B TYPE	
CAPACITY					
Table Size	mm	500 x 320	600 x 420	600 x 420	
T-slot (No. x P. x W.)	mm	3 x 100 x 14	4 x 100 x 14	4 x 100 x 14	
Max. Table Loading	kg	200	250	200	
Spindle Nose to Table	mm	175-475	150-650	180-530	
Spindle Center to Column Surface	mm	320	420	420	
TRAVEL					
X-axis	mm	450	510	510	
Y-axis	mm	300	400	400	
Z-axis	mm	300	500	350	
SPINDLE					
Driving System	type	Direct	Direct	Direct	
Spindle Taper		BT30	BT40	BT30	
Max. Spindle Speed	rpm	10000 (opt. 12000 / 15000 / 20000 / 24000)	8000 (opt. 10000 / 12000 / 15000)	10000 (opt. 12000 / 15000 / 20000 / 24000)	
Tapping Speed	rpm	4000	3000	4000	
LINEAR GUIDEWAY					
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2	2 / 2 / 2	
FEEDRATE					
Max. Cutting Feedrate	M/min.	10	10	10	
X / Y / Z-axis Rapid Traverse	M/min.	48 / 48 / 60	48 / 48 / 48	54 / 54 / 60	
ATC					
Tool Change System	type	Armless	Arm	Armless	
Tool Capacity	no.	12T (opt. 21T)	24+1T	12T (opt. 14 / 21T)	
Max. Tool Diameter	mm	100	80	100	
Max. Tool Length	mm	200	250	200	
Max. Tool Weight	kg	2.5	4	3	
Tool Change Time (T to T)	sec.	1.4	2.2	1.4	
MOTOR					
Spindle Motor	kW	3.7/2.2 (opt. 5.5/3.7)	7.5/5.5 (opt. 11/7.5)	3.7/2.2 (opt. 5.5/3.7)	
X / Y / Z-axis Motor	kW	1 / 1.5 / 2.2	1.5 / 1.5 / 3	1.5 / 1.5 / 3	
MEASUREMENT					
Net Weight (Approx.)	kg	2380	3250	2500	
Gross Weight (Approx.)	kg	2600	3450	2750	
Packing Size in Wooden Pallet (Approx.)	mm	1940 x 2270 x 2550	2940 x 2270 x 2550	1970 x 2280 x 2530	

※ Specifications are subject to change without prior notice.

SPECIFICATION

RIC-HS600				
		C TYPE	B TYPE	D TYPE
CAPACITY				
Table Size	mm	700 x 420	700 x 420	700 x 420
T-slot (No. x P. x W.)	mm	4 x 100 x 14	4 x 100 x 14	4 x 100 x 14
Max. Table Loading	kg	250	200	250
Spindle Nose to Table	mm	150-650	180-530	150-580
Spindle Center to Column Surface	mm	420	440	420
TRAVEL				
X-axis	mm	600	600	600
Y-axis	mm	400	400	400
Z-axis	mm	500	350	430
SPINDLE				
Driving System	type	Direct	Direct	Direct
Spindle Taper		BT40	BT30	BT30
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000 / 15000)	10000 (opt. 12000 / 15000 / 20000 / 24000)	10000 (opt. 12000 / 15000 / 20000 / 24000)
Tapping Speed	rpm	3000	4000	4000
LINEAR GUIDEWAY				
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2	2 / 2 / 2
FEEDRATE				
Max. Cutting Feedrate	M/min.	10	10	10
X / Y / Z-axis Rapid Traverse	M/min.	48 / 48 / 48	54 / 54 / 60	48 / 48 / 60
ATC				
Tool Change System	type	Arm	Armless	Arm
Tool Capacity	no.	24+1T	12T (opt. 14 / 21T)	20+1T
Max. Tool Diameter	mm	80	100	63
Max. Tool Length	mm	250	200	200
Max. Tool Weight	kg	4	3	3
Tool Change Time (T to T)	sec.	2.2	1.4	1.5
MOTOR				
Spindle Motor	kW	7.5/5.5 (opt. 11/7.5)	3.7/2.2 (opt. 5.5/3.7)	3.7/2.2 (opt. 5.5/3.7)
X / Y / Z-axis Motor	kW	1.5 / 1.5 / 3	1.5 / 1.5 / 3	1.5 / 1.5 / 3
MEASUREMENT				
Net Weight (Approx.)	kg	3500	2700	3500
Gross Weight (Approx.)	kg	3750	2950	3700
Packing Size in Wooden Pallet (Approx.)	mm	2940 x 2270 x 2550	2400 x 2250 x 2530	2940 x 2270 x 2550

※ Specifications are subject to change without prior notice.

RIC-HS450 & HS510 & HS600 & HS700

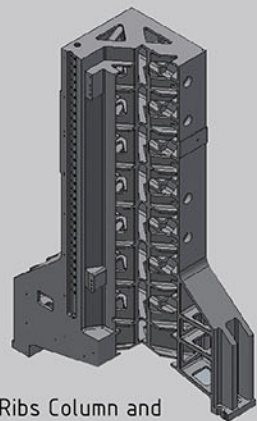
HIGH SPEED series



SPECIFICATION

RIC-HS700				
		C TYPE	B TYPE	
CAPACITY				
Table Size	mm	850 x 420	850 x 420	
T-slot (No. x P. x W.)	mm	4 x 100 x 14	4 x 100 x 14	
Max. Table Loading	kg	250	200	
Spindle Nose to Table	mm	150-650	180-530	
Spindle Center to Column Surface	mm	420	440	
TRAVEL				
X-axis	mm	700	700	
Y-axis	mm	400	400	
Z-axis	mm	500	350	
SPINDLE				
Driving System	type	Direct	Direct	
Spindle Taper		BT40	BT30	
Max. Spindle Speed	rpm	8000 (opt. 10000 / 12000 / 15000)	10000 (opt. 12000 / 15000 / 20000 / 24000)	
Tapping Speed	rpm	3000	4000	
LINEAR GUIDEWAY				
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2	
FEEDRATE				
Max. Cutting Feedrate	M/min.	10	10	
X / Y / Z-axis Rapid Traverse	M/min.	48 / 48 / 48	54 / 54 / 60	
ATC				
Tool Change System	type	Arm	Armless	
Tool Capacity	no.	24+1T	12T (Opt. 14 / 21T)	
Max. Tool Diameter	mm	80	100	
Max. Tool Length	mm	250	200	
Max. Tool Weight	kg	4	2.5	
Tool Change Time (T to T)	sec.	2.2	1.4	
MOTOR				
Spindle Motor	kW	7.5/5.5 (opt. 11/7.5)	3.7/2.2 (opt. 5.5/3.7)	
X / Y / Z-axis Motor	kW	1.5 / 1.5 / 3	1.5 / 1.5 / 3	
MEASUREMENT				
Net Weight (Approx.)	kg	3600	2850	
Gross Weight (Approx.)	kg	3850	3100	
Packing Size in Wooden Pallet (Approx.)	mm	2940 x 2270 x 2550	2400 x 2250 x 2530	

※ Specifications are subject to change without prior notice.



X Type Ribs Column and
Double-Wall Headstock

RIC-HS850

STANDARD ACCESSORIES

- HSK-E50, 30000rpm Built-in spindle
- Fully enclosed splash guard
- Armless type ATC 16 tools
- Spindle oil cooler
- Spindle air blast
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Work lamp
- Alarm light
- Chip flushing system
- Coolant gun
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- HSK A63 Spindle taper
- Arm type ATC 24/30 tools
- Screw type chip conveyor and cart
- Link belt type chip conveyor and cart
- Linear encoder for 3 axes
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Oil mist collector
- Oil skimmer
- CNC rotary table
- CE
- Transformer

× Please refer to quotation for full options.



RIC-HS1100 / HS1300

STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 30 tools
- Spindle oil cooler
- Spindle air blast
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. lubrication system
- Work lamp
- Alarm light
- Chip flushing system
- Coolant gun
- USB/RS232 interface
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- BT40, 10000/12000rpm IDD type - Grease lubrication spindle
- BT40, 10000/12000/15000rpm IDD type - Oil-air lubrication spindle
- HSK A63 Spindle taper
- Screw type chip conveyor and cart
- Link belt type chip conveyor and cart
- Linear encoder for 3 axes
- Coolant through spindle
- Tool length measurement
- Workpiece measurement
- Air conditioner for electrical cabinet
- Oil mist collector
- Oil skimmer
- CE
- Transformer

× Please refer to
quotation for
full options.

RIC-HS1100 / HS1300
Frame



RIC-HS850 & HS1100 & HS1300

HIGH SPEED series

SPECIFICATION

CAPACITY

		RIC-HS850	RIC-HS1100
Table Size	mm	1000 x 460	1200 x 600
T-slot (No. x P. x W.)	mm	5 x 80 x 18	5 x 100 x 18
Max. Table Loading	kg	500	500
Spindle Nose to Table	mm	150-760	100-710
Spindle Center to Column Surface	mm	500	670

TRAVEL

X-axis	mm	850	1100
Y-axis	mm	510	660
Z-axis	mm	610	610

SPINDLE

Driving System	type	Built-in	Belt (opt. IDD)
Spindle Taper		HSK-E50	BT40
Max. Spindle Speed	rpm	30000	10000 (opt. 12000 / 15000)

LINEAR GUIDEWAY

X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 3 / 2
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FEEDRATE

Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	36 / 36 / 36	30 / 30 / 30

ATC

Tool Change System	type	Armless	Arm
Tool Capacity	no.	16T	30T
Max. Tool Diameter	mm	75	75
Max. Tool Length	mm	300	300
Max. Tool Weight	kg	7	7
Tool Change Time (T to T)	sec.	2.7	3.1

MOTOR

Spindle Motor	kW	7.5/11	11/15
X / Y / Z-axis Motor	kW	1.8 / 1.8 / 3	3

MEASUREMENT

Net Weight (Approx.)	kg	4300	7000
Gross Weight (Approx.)	kg	4550	7300
Packing Size in Wooden Pallet (Approx.)	mm	2900 x 2300 x 2560	40' HQ x 1

※ Specifications are subject to change without prior notice.



RIC-HS450APC

STANDARD ACCESSORIES

- BT30, 10000rpm Direct drive spindle
- Armless type ATC 14 tools
- APC Table (One table with twin working area)
- Screw type chip conveyor and cart
- Auto. lubrication system
- Spindle air blast
- Coolant system
- Work lamp
- Alarm light
- One-piece dual layer insulated electrical cabinet
- Tool box and tools

OPTIONAL ACCESSORIES

- I/O Card for robot
 - CE
 - Transformer
- × Please refer to quotation for full options.

Direct Drive Spindle

RIC-MC500APC

STANDARD ACCESSORIES

- BT30, 15000rpm Direct drive spindle
- Arm type ATC 24 tools
- APC system
- Fully enclosed splash guard
- Chain type chip conveyor and cart
- Auto. lubrication system
- Spindle air blast
- Spindle air curtain
- Spindle oil cooler
- Coolant system
- Work lamp
- Heat exchanger for electrical cabinet
- Air gun and water gun
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- 20000rpm Direct drive spindle
 - 24000rpm Built-in type spindle
 - Coolant through spindle
 - Preparation for 4th axis
 - Remote manual pulse generator
 - Auto. door
 - Workpiece measurement
 - Tool breakage detector
 - Oil skimmer
 - CE
 - Transformer
- × Please refer to quotation for full options.



High Capacity Coolant Tank

RIC-HS450APC & MC500APC

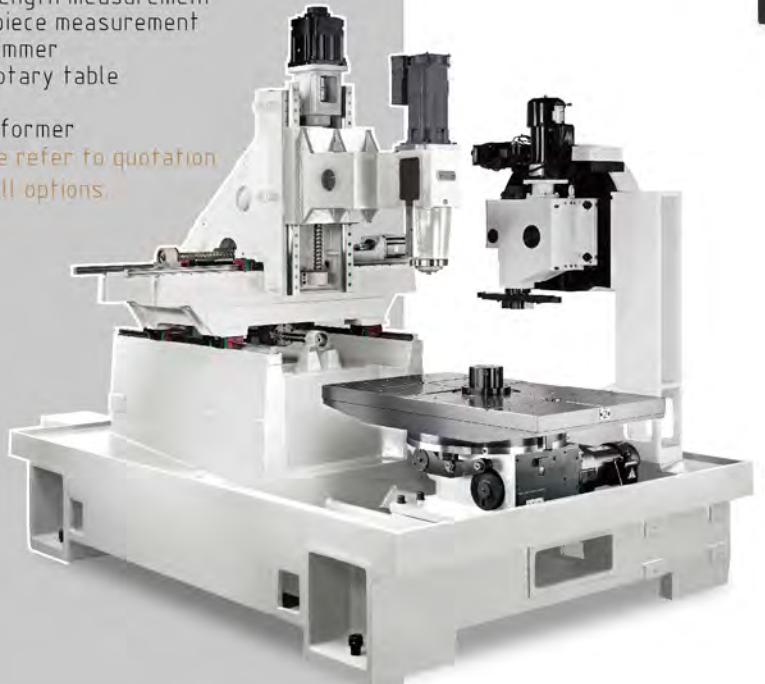
HIGH SPEED series

SPECIFICATION

		RIC-HS450APC	RIC-MC500APC
CAPACITY			
Table Size	mm	500 x 325 x 2pcs	680 x 400 x 2pcs
T-slot (No. x P. x W.)	mm	3 x 100 x 14	35 x M16 x 80
Max. Table Loading	kg	200 x 2pcs	150
Spindle Nose to Table	mm	180-510	180-530
Spindle Center to Column Surface	mm	350	485
TRAVEL			
X-axis	mm	450	500
Y-axis	mm	320	400
Z-axis	mm	330	350
SPINDLE			
Driving System	type	Direct	Direct
Spindle Taper		BT30	BT30
Max. Spindle Speed	rpm	10000 (opt. 12000 / 15000 / 20000 / 24000)	15000 (opt. 20000 / 24000)
Tapping Speed	rpm	5000	210-270
LINEAR GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2
FEEDRATE			
Max. Cutting Feedrate	M/min.	10	10
X / Y / Z-axis Rapid Traverse	M/min.	48 / 48 / 60	48 / 48 / 48
ATC			
Tool Change System	type	Armless	Arm
Tool Capacity	no.	14T (opt. 21T)	24T
Max. Tool Diameter	mm	100	65
Max. Tool Length	mm	200	200
Max. Tool Weight	kg	2.5	3
Tool Change Time (T to T)	sec.	1.5	1.2
MOTOR			
Spindle Motor	kW	3.7/2.2 (opt. 5.5)	3.7/5.5
X / Y / Z-axis Motor	kW	1.8 / 1.8 / 3.0	2.5 / 2.5 / 3.5
MEASUREMENT			
Net Weight (Approx.)	kg	4000	4400
Gross Weight (Approx.)	kg	4350	4600
Packing Size in Wooden Pallet (Approx.)	mm	2970 x 2270 x 2550	3500 x 2300 x 2570

※ Specifications are subject to change without prior notice.

- RIC-HS560APC**
- STANDARD ACCESSORIES**
- BT30, 10000rpm Direct drive spindle or BT40, 8000rpm Direct drive spindle
 - Arm type ATC 20+1 tools (BT30) or Arm type ATC 24+1 tools (BT40)
 - APC Table (One table with twin working area)
 - Independent air connection for each working table
 - Heat exchanger for electrical cabinet
 - Screw type chip conveyor and cart
 - Auto. lubrication system
 - Spindle air blast
 - Coolant system
 - Work lamp
 - Alarm light
 - One-piece dual layer insulated electrical cabinet
 - Tool box and tools
- OPTIONAL ACCESSORIES**
- Auto. door
 - Coolant through spindle
 - Thermal compensation
 - Workpiece air blow system
 - Chain type chip conveyor
 - Tool length measurement
 - Workpiece measurement
 - Oil skimmer
 - CNC rotary table
 - CE
 - Transformer
- × Please refer to quotation for full options.



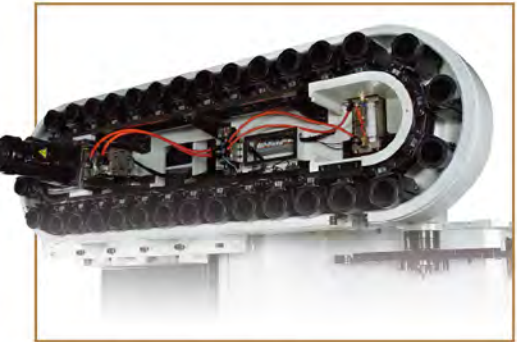
Arm Type ATC



Control Panel

RIC-HS560APC & MC760APC & MC800L+APC

HIGH SPEED series



Optional Chain Type ATC



Arm Type ATC

- RIC-MC760APC**
- STANDARD ACCESSORIES**
- BT40, 10000rpm Belt drive spindle
 - Fully enclosed splash guard
 - Arm type ATC 24 tools
 - APC system
 - Spindle oil cooler
 - Screw type chip conveyor and cart
 - Heat exchanger for electrical cabinet
 - Auto. lubrication system
 - Auto. power off
 - M code air blast device
 - Coolant gun and air gun
 - Work lamp
 - Leveling bolts and blocks
 - Tool box and tools
- OPTIONAL ACCESSORIES**
- Coolant through spindle
 - Tool length measurement
 - Workpiece measurement
 - Air conditioner for electrical cabinet
 - Chain type chip conveyor and cart
 - Chip flushing system
 - CE
 - CNC rotary table
- × Please refer to quotation for full options.

RIC-MC800L+APC

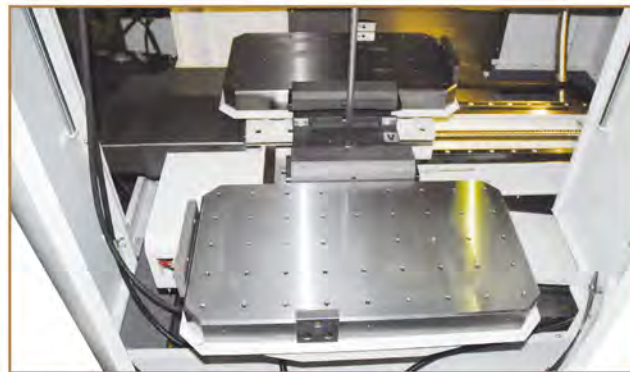
STANDARD ACCESSORIES

- BT40, 10000rpm Belt drive spindle
- Fully enclosed splash guard
- Arm type ATC 24 tools
- APC system
- Spindle oil cooler
- Screw type chip conveyor and cart
- Rigid tapping
- Coolant system
- Heat exchanger for electrical cabinet
- Auto. power off
- Auto. lubrication system
- Spindle air blast
- Work lamp
- Alarm light
- Remote manual pulse generator
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- Arm type ATC 30 tools
- CE
- CNC rotary table
- Transformer

✧ Please refer to quotation for full options.



Auto. Pallet Change System

RIC-HS560APC & MC760APC & MC800L+APC

HIGH SPEED series



SPECIFICATION

		RIC-HS560APC	RIC-MC760APC	RIC-MC800L+APC
CAPACITY				
Table Size	mm	600 x 425 x 2pcs	600 x 400 x 2pcs	720 x 400 x 2pcs
T-slot (No. x P. x W.)	mm	24 x M12 x 100	3 x 100 x 14	45 x M12 x 80
Max. Table Loading	kg	200 x 2pcs	200	200 x 2PCS
Spindle Nose to Table	mm	150-550	150-600	120-570
Spindle Center to Column Surface	mm	420	490	500
TRAVEL				
X-axis	mm	560	760	800
Y-axis	mm	400	460	500
Z-axis	mm	400	450	450
SPINDLE				
Driving System	type	Direct	Belt	Belt (opt. Direct)
Spindle Taper		BT30	BT40	BT40
Max. Spindle Speed	rpm	10000 (opt. 12000 / 15000 / 20000 / 24000)	8000 (opt. 10000 / 12000 / 15000)	10000 (opt. 12000 / 15000)
Tapping Speed	rpm	5000	3000	-
LINEAR GUIDEWAY				
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	2 / 2 / 2	2 / 2 / 2
FEEDRATE				
Max. Cutting Feedrate	M/min.	10	10	12
X / Y / Z-axis Rapid Traverse	M/min.	48 / 48 / 48	30 / 30 / 30	48 / 48 / 32
ATC				
Tool Change System	type	Arm	Arm	Arm
Tool Capacity	no.	20+1T	24+1T (opt. 30T)	24T (opt. 30T)
Max. Tool Diameter	mm	80	80	80
Max. Tool Length	mm	200	250	300
Max. Tool Weight	kg	3	4	7
Tool Change Time (T to T)	sec.	1.2	1.7	0.5
MOTOR				
Spindle Motor	kW	3.7/2.2 (opt. 5.5)	7.5/5.5 (opt. 11)	7.5/11
X / Y / Z-axis Motor	kW	1.8 / 1.8 / 3.0	2.2	1.8 / 1.8 / 1.8
MEASUREMENT				
Net Weight (Approx.)	kg	5300	5500	4500
Gross Weight (Approx.)	kg	5800	6000	5000
Packing Size in Wooden Pallet (Approx.)	mm	3490 x 2270 x 2550 + 2500 x 2270 x 2550	3490 x 2270 x 2550 + 2500 x 2270 x 2550	4190 x 2280 x 2550
				3280 x 2310 x 2530

※ Specifications are subject to change without prior notice. ※ Specifications are subject to change without prior notice.



Travelling Column High Speed
Graphite Cutting
Machining Center

Standard with Powder
Dust Collector



Finished Workpiece

STANDARD ACCESSORIES

- BBT30, 30000rpm Built-in type spindle
- Fully enclosed splash guard
- Arm type ATC 20 tools
- Spindle oil cooler
- Auto. lubrication system
- Powder dust collector
- Work lamp
- Transformer
- Leveling bolts and blocks
- Tool box and tools

OPTIONAL ACCESSORIES

- Built-in 2 axes CNC rotary table
- Tool length measurement
- Armless type ATC 10 tools
- Transformer

× Please refer to quotation for full options.



HIGH SPEED series

RIC-MC600LG

SPECIFICATION

RIC-MC600LG			
CAPACITY			
Table Size	mm	850 x 450	
T-slot (No. x P. x W.)	mm	4 x 80 x 14	
Max. Table Loading	kg	300	
Spindle Nose to Table	mm	100-500	
TRAVEL			
X-axis	mm	600	
Y-axis	mm	400	
Z-axis	mm	400	
SPINDLE			
Driving System	type	Built-in	
Spindle Taper		BBT30	
Max. Spindle Speed	rpm	30000	
LINEAR GUIDEWAY			
X / Y / Z-axis Slide Way	no.	2 / 2 / 2	
FEEDRATE			
Max. Cutting Feedrate	M/min.	12	
X / Y / Z-axis Rapid Traverse	M/min.	30 / 30 / 30	
ATC			
Tool Change System	type	Arm	
Tool Capacity	no.	20T	
Max. Tool Diameter	mm	55	
Max. Tool Length	mm	220	
Max. Tool Weight	kg	3	
Tool Change Time (T to T)	sec.	1.5	
MOTOR			
Spindle Motor	kW	8.2	
X / Y / Z-axis Motor	kW	2 / 2 / 2	
MEASUREMENT			
Net Weight (Approx.)	kg	3500	
Gross Weight (Approx.)	kg	3750	
Packing Size in Wooden Pallet (Approx.)	mm	2470 x 2300 x 2410+ 2300 x 1480 x 2550	

※ Specifications are subject to change without prior notice.