



■ Guangzhou JASU Precision Machinery Co., Ltd.



■ Suzhou Zhonggu Precision Machinery Co., Ltd.

# JASU®

## JASU Machinery

CNC Machine Tools Solutions

*Good and Fast, This is JASU!*

JASU Precision Machinery is established by Hongkong Sunny Group and Taiwan&Germany professional CNC machine company, manufacturing the most heavy-duty, high-rigid, high-precision, productive machine tools.

### Quality Control



■ Straightness inspection

■ Screw inspection

■ Laser inspection

■ Roundness inspection



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V-B Series 3-Axis Box Way Type Vertical Machining Center  
 V-BG Series 3-Axis Box Way Type Vertical Machining Center With Transmission Gearbox

Standard Accessories

1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Spindle rigid tapping
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Operation manual
14. Z-axis weight balanced system

Optional Accessories

1. GSK controller
2. Arm type 24 tools magazine
3. Chip conveyor and chip bucket
4. Spindle oil chiller
5. Transmission gearbox
6. Spindle 10000RPM(belt)
7. Automatic voltage regulator
8. Rotary table (4th axis, 5 axis)
9. Oil mist separator



ITEM	V-850B	V-1060B/BG	V-1370B/BG	V-1580B/BG
<b>Worktable</b>				
Table size/(L*W)	1050x500	1300x600	1400x710	1700x800
T-slot size	5x18x90	5x18x100	5x22x120	5x22x135
Max load on the table	600kg	800kg	1000kg	1500kg
<b>Travel</b>				
Max. X/Y/Z axis travel	800/500/500	1000/600/600	1300/700/600	1500/800/680
Spindle nose to table surface	110-610	120-720	140-790	160-840
Spindle center to column surface	560	630	770	880
<b>Spindle</b>				
Spindle taper	BT40	BT40	BT50	BT50
Max. Spindle speed (Standard)	8000rpm	8000rpm 5000rpm	6000rpm 5000rpm	6000rpm 5000rpm
Spindle drive (Standard)	1:1Timing Belt	1:1Timing Belt Gear reduction	1:1Timing Belt Gear reduction	1:1Timing Belt Gear reduction
<b>Feeding</b>				
Cutting feed rate	5000mm/min	5000mm/min	5000mm/min	5000mm/min
X,Y,Z rapid traverse	18/18/12m/min	18/18/12m/min	18/18/12m/min	18/18/12m/min
Feed Screw	4010	4010	4010 5010	5010
<b>A.T.C(Optional)</b>				
Tool magazine type	Arm type			
Tool magazine capacity	24			
Max. tool diameter and length	80x200		112x300	
Max. tool weight	7kg		15 kg	
Tool shank type	BT40		BT50	
Tool change time(tool to tool)	BT40 Arm Type : <2.8s		BT50 Arm Type: <3.6s	
<b>Servo Motor</b>				
Spindle motor	7.5/11 kw	7.5/11 kw	11/15 kw	15/18.5 kw
X/Y/Z axis servo motor (Mitsubishi)	2.0/2.0/2.0kw	2.0/2.0/2.0kw	3.0/3.0/3.0kw	3.0/4.5/3.0kw
X/Y/Z axis servo motor (Fanuc)	1.8/1.8/1.8kw	2.5/2.5/2.5kw	3.0/3.0/3.0kw	3.0/3.0/3.0kw
X/Y/Z axis servo motor (GSK)	3.0/3.0/3.0kw	3.0/3.0/3.0kw	3.9/3.9/3.9kw	3.9/3.9/3.9kw
Coolant motor	0.49kw	0.49kw	0.49kw	0.49kw
<b>General</b>				
Air Requirement	6KG	6KG	6KG	6KG
Power Capacity	15KVA	20KVA	30KVA	30KVA
Measurement	2.7x2.4x2.5m	3.2x3.1x2.9m	3.4x3.3x3.0m	4.3x3.3x3.0m
N.W.	5T	6T 8T	10.5T 13T	13.5T 14.5T

V Series 3-Axis Linear Guideway Vertical Machining Center

Standard Accessories

1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Spindle rigid tapping
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Operation manual

Optional Accessories

1. GSK controller
2. Arm type 24 tools magazine
3. Chip conveyor and chip bucket
4. Spindle oil chiller
5. Transmission gearbox
6. Spindle 12000RPM
7. Automatic voltage regulator
8. Rotary table (4th axis, 5 axis)
9. Oil mist separator



ITEM	V-600	V-600G High speed milling
<b>Worktable</b>		
Table size/(L*W)		650x450
T-slot size		5x14x82.5
Max load on the table		250kg
<b>Travel</b>		
Max. X/Y/Z axis travel		600/450/500
Spindle nose to table surface		100-600
Spindle center to column surface		400
<b>Spindle</b>		
Spindle taper	BT40	ER/BT30
Max. Spindle speed (Standard)	10000rpm	24000rpm
Spindle drive (Standard)	1:1 Timing Belt	Electric Spindle
Spindle drive (Optional)	Direct drive/ 12000rpm	
<b>Feeding</b>		
Cutting feed rate		10000mm/min
X,Y,Z rapid traverse		48/48/48m/min
Feed Screw		3216
<b>A.T.C(Optional)</b>		
Tool magazine type	Arm Type	Manual/Pneumatic Tool Change
Tool magazine capacity	24	
Max. tool diameter and length	80x200	
Max. tool weight	7kg	
Tool shank type	BT40	
Tool unclamp(tool to tool)	BT40 Arm Type: <2.8s	
<b>Servo Motor</b>		
Spindle motor	5.5/7.5 kw	4 kw electric spindle
X/Y/Z axis servo motor (Mitsubishi)		1.5/1.5/2.2kw
X/Y/Z axis servo motor (Fanuc)		1.2/1.2/1.8kw
X/Y/Z axis servo motor (GSK)		2.0/2.0/2.0kw
Coolant motor		0.49kw
<b>General</b>		
Air Requirement	6KG	6KG
Power Capacity	15KVA	10KVA
Measurement	2.0x2.3x2.6m	2.0x2.3x2.3m
N.W.	3.5T	3.5T

# V-D Series

Patented

3-Axis Linear Guideway Traveling Beam Vertical Machining Center  
 5-Axis Linkage Vertical Machining Center  
 3-Axis Linear Guideway Traveling Column Vertical Machining Center  
 European type design,worktable only does Y axis motion,which increases the loading capacity of worktable,have excellent rigidity and less space.



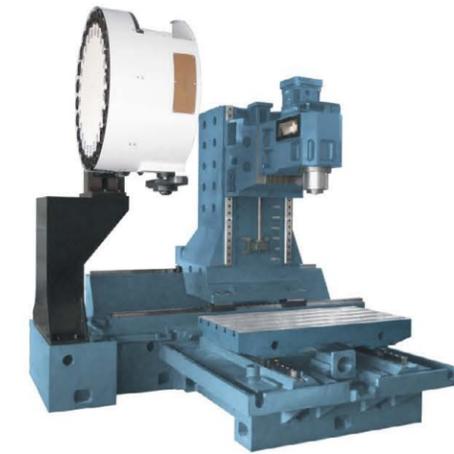
## Standard Accessories

1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Spindle rigid tapping
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Operation manual
14. Z-axis weight balanced system

## Optional Accessories

1. GSK controller
2. Siemens 840D controller
3. Arm type 24 tools magazine
4. Chip conveyor and chip bucket
5. Spindle Oil chiller
6. Automatic voltage regulator
7. CNC rotary table (4th axis, 5 axis)
8. Oil mist separator

ITEM	V-850D	V-1060D	V-1270D
<b>Worktable</b>			
Table size/(L*W)	1050x500	1300x600	1400x700
T-slot size	5x18x90	5x18x100	5x22x120
Max load on the table	1000kg	1000kg	1500kg
<b>Travel</b>			
Max. X/Y/Z axis travel	800/500/500	1000/600/600	1200/700/700
Spindle nose to table surface	150~650	150~750	150~850
Spindle center to column surface	550	650	750
<b>Spindle</b>			
Spindle taper	BT40	BT40/BT50(Optional)	BT50
Max. Spindle speed(Standard)	8000rpm		6000rpm
Spindle drive (Standard)	Belt Drive		Belt Drive
<b>Feeding</b>			
Cutting feed rate	5000mm/min		
X,Y,Z rapid traverse	30/30/30m/min		
Feed Screw	X/Y/Z: 4010	X/Y: 4010 Z:5010	X/Y: 4010 Z:5010
<b>A.T.C(Optional)</b>			
Tool magazine type	Arm type		Arm type
Tool magazine capacity	24		24
Max. tool diameter and length	80x200		112x300
Max. tool weight	7 kg		15kg
Tool shank type	BT40		BT50
Tool change time(tool to tool)	BT40 Arm Type : <2.8s		3.6s
<b>Servo Motor</b>			
Spindle motor	7.5/11 kw	11/15kw	11/15kw
X/Y/Z axis servo motor (Mitsubishi)	2.0/2.0/2.0kw	2.0/2.0/2.0kw	3.0/3.0/3.0kw
X/Y/Z axis servo motor (Fanuc)	1.8/1.8/1.8kw	2.5/2.5/2.5kw	3.0/3.0/3.0kw
X/Y/Z axis servo motor (GSK)	3.9/3.9/3.9kw	3.9/3.9/3.9kw	3.9/3.9/3.9kw
Coolant motor	0.49kw	0.49kw	0.49kw
<b>General</b>			
Air Requirement	6KG	6KG	6KG
Power Capacity	15KVA	20KVA	30KVA
Measurement	2.7x2.4x2.5m	3.2x3.1x2.9m	3.4x3.3x3.0m
N.W.	6T	8T	10T



Traveling Column Machine Bed

## Standard Accessories

1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Spindle rigid tapping
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Operation manual
14. Z-axis weight balanced system

## Optional Accessories

1. GSK controller
2. Siemens 840D controller
3. Arm type 24 tools magazine
4. Chip conveyor and chip bucket
5. Spindle Oil chiller
6. Automatic voltage regulator
7. CNC rotary table (4th axis, 5 axis)
8. Oil mist separator

ITEM	V-1470D	V-2090D
<b>Worktable</b>		
Table size/(L*W)	1400x700	2200x900
T-slot size	5x18x142	5x18x165
Max load on the table	2000kg	3000kg
<b>Travel</b>		
Max. X/Y/Z axis travel	1400/700/700	2000/900/800
Spindle nose to table surface	200~900	250~1050
Spindle center to column surface	950	1200
<b>Spindle</b>		
Spindle taper	BT50	
Max. Spindle speed (Standard)	Belt Drive 6000rpm	
Spindle drive (Optional)	Transmission gearbox	
<b>Feeding</b>		
Cutting feed rate	5000mm/min	
X,Y,Z rapid traverse	20/20/20m/min	
Feed Screw	5010	
<b>A.T.C(Optional)</b>		
Tool magazine type	Arm type	
Tool magazine capacity	24	
Max. tool diameter and length	112x300	
Max. tool weight	15 kg	
Tool shank type	BT50	
Tool change time(tool to tool)	BT50 Arm Type: <3.6s	
<b>Servo Motor</b>		
Spindle motor	15/18.5kw	15/18.5kw
X/Y/Z axis servo motor (Mitsubishi)	3.0/3.0/4.5kw	4.5/4.5/4.5kw
X/Y/Z axis servo motor (Fanuc)	3.0/3.0/4.5kw	4.5/4.5/4.5kw
X/Y/Z axis servo motor (GSK)	3.9/3.9/4.5kw	4.5/4.5/4.5kw
Coolant motor	0.49kw	0.49kw
<b>General</b>		
Air Requirement	6KG	6KG
Power Capacity	30KVA	30KVA
Measurement	4.3x3.1x3.0m	5.2x3.9x3.2m
N.W.	15T	18T

**V-Z Series** V-600Z 3-Axis Linear Guideway Drilling Tapping Center  
 V-600ZS 3-Axis Linear Guideway Twin Pallet Drilling Tapping Center

European style design; Twin pallet can save time for workpiece clamping and unclamping, which obviously improves efficiency and save cost.



**Standard Accessories**

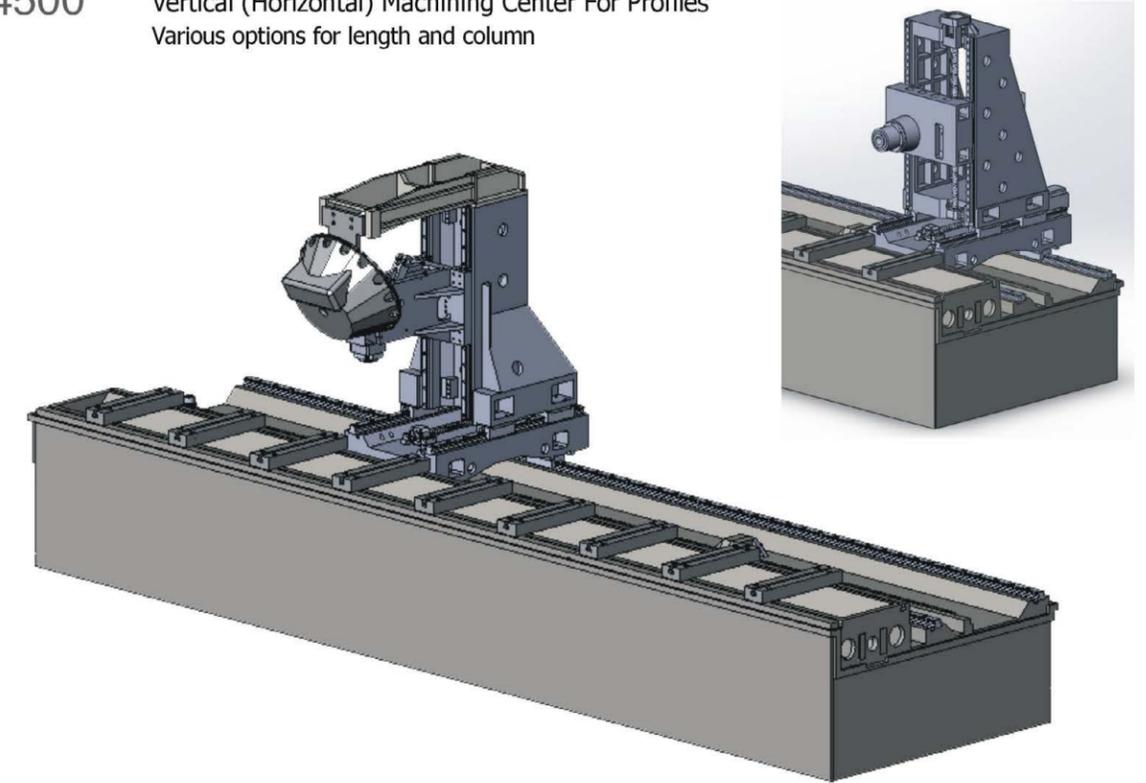
1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Spindle rigid tapping
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Umbrella Type 16 tools magazine
12. Tool box
13. Leveling screws and pads
14. Operation manual
15. Controller quality certificate

**Optional Accessories**

1. GSK controller
2. Chip conveyor and chip bucket
3. Spindle 20000RPM
4. Automatic voltage regulator
5. Rotary table (4th axis, 5 axis)
6. Oil mist separator

ITEM	V-600Z	V-600S
<b>Worktable</b>	<b>Drilling and Tapping</b>	<b>(Double worktable)Drilling and Tapping</b>
Table size/(L*W)	650x450	1000x600(twin pallet)
T-slot size	5x14x82.5	M12x100
Max load on the table	250kg	250kg
<b>Travel</b>		
Max. X/Y/Z axis travel	600/450/350	600/400/350
Spindle nose to table surface	150~500	125~475
Spindle center to column surface	450	450
<b>Spindle</b>		
Spindle taper	BT30	
Max. Spindle speed (Standard)	12000rpm	
Spindle drive (Standard)	Direct Drive	
Tool unclamp	Mechanical type	
<b>Feeding</b>		
Cutting feed rate	10000 mm/min	
X,Y,Z rapid traverse	48/48/48m/min	
Feed Screw	3216	
<b>A.T.C(Optional)</b>		
Tool magazine type	Umbrella Type	
Tool magazine capacity	16	
Max. tool diameter and length	60x200	
Max. tool weight	3kg	
Tool shank type	BT30	
Tool change time(tool to tool)	1.2 s	
<b>Servo Motor</b>		
Spindle motor	3.75/5.5 kw	
X/Y/Z axis servo motor (Mitsubishi)	1.5/1.5/2.2kw	
Coolant motor	0.49kw	
<b>General</b>		
Air Requirement	6KG	6KG
Power Capacity	10KVA	10KVA
Measurement	2.0x2.3x2.2m	2.6x2.0x2.2m
N.W.	3T	4T

**V-4500** Vertical (Horizontal) Machining Center For Profiles  
 Various options for length and column



**Standard Accessories**

1. Fanuc/Mitsubishi controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Automatic centralized lubrication system
6. Spindle rigid tapping
7. Working lamp
8. Working status indicator
9. Three phase isolation transformer
10. Leveling screws and pads
11. Operation manual
12. Controller quality certificate

**Optional Accessories**

1. GSK controller
2. Umbrella Type 16 tools magazine
3. Spindle 15000RPM
4. Spindle 24000RPM
5. Automatic voltage regulator
6. Rotary table (4th axis, 5 axis)
7. Chip conveyor and chip bucket

ITEM	V-4500
<b>Travel</b>	
Max. X/Y/Z axis travel	4500(optional)/400/350
Spindle nose to table surface	160~510
Spindle center to column surface	450
<b>Spindle</b>	
Spindle taper	BT30
Max. Spindle speed (Standard)	12000rpm
Spindle drive (Standard)	Direct drive
Tool unclamp	Mechanical type
<b>Feeding</b>	
Cutting feed rate	10000 mm/min
X,Y,Z rapid traverse	48/48/48m/min
Feed Screw	3216
<b>A.T.C(Optional)</b>	
Tool magazine type	Umbrella Type
Tool magazine capacity	16
Max. tool diameter and length	60x200
Max. tool weight	3kg
Tool shank type	BT30
Tool change time(tool to tool)	1.2秒
<b>Servo Motor</b>	
Spindle motor	3.7/5.5 kw
X/Y/Z axis servo motor (Mitsubishi)	1.5/1.5/2.2kw
Coolant motor	0.49kw
<b>General</b>	
Air Requirement	6KG
Power Capacity	10KVA
Measurement	7.5x3.0x2.5m
N.W.	13T

**V-650S** 3-Axis Linear Guideway Exchangeable Double Table Vertical Machining Center  
 Patented European style design, exchangeable double worktable saves time of part clamping and unclamping, which improves efficiency obviously and saves cost.



**Standard Accessories**

1. Fanuc/Mitsubishi controller
2. Exchangeable double table
3. Hydraulic station system
4. Arm type 24 tools magazine
5. Heat Exchanger for Electrical Cabinet
6. Standard RS-232 interface
7. RS-232 communication cable
8. Fully enclosed splash guard
9. Automatic centralized lubrication system
10. Spindle rigid tapping
11. Working lamp
12. Working status indicator
13. Three phase isolation transformer
14. Leveling screws and pads
15. Operation manual/Tool box
16. Controller quality certificate

**Optional Accessories**

1. GSK controller
2. Coolant through spindle (CTS)
3. Spindle 12000RPM
4. Automatic voltage regulator
5. CNC Rotary table (4th axis, 5 axis)
6. Chip conveyor and chip bucket
7. Spindle oil cooling system

ITEM	V-650S
<b>Worktable</b>	
Table size/(L*W)	700x1100 Double worktable
T-slot size	M16x125
Max load on the table	600kg
<b>Travel</b>	
Max. X/Y/Z axis travel	650/400/500
Spindle nose to table surface	180~680
Spindle center to column surface	525
<b>Spindle</b>	
Spindle taper	BT40
Max. Spindle speed (Standard)	8000rpm
Spindle drive (Standard)	Belt drive
Tool unclamp	Pneumatic rotation and hydraulic unclamping
<b>Feeding</b>	
Cutting feed rate	10000 mm/min
X,Y,Z rapid traverse	36/36/36m/min
Feed Screw	4012
<b>A.T.C(Optional)</b>	
Tool magazine type	Arm type
Tool magazine capacity	24
Max. tool diameter and length	80x200
Max. tool weight	7kg
Tool shank type	BT40
Tool change time(tool to tool)	2.8s
<b>Servo Motor</b>	
Spindle motor	7.5/11 kw
X/Y/Z axis servo motor (Mitsubishi)	2.0/2.0/2.0kw
X/Y/Z axis servo motor (Fanuc)	2.0/2.0/2.0kw
Coolant motor	0.49kw
<b>General</b>	
Air Requirement	6KG
Power Capacity	25KVA
Measurement	3.2x3.0x2.5m
N.W.	7.0T

**L Series** 2-Axis Linear Guide Horizontal CNC Lathe  
 Turning & Milling Center



One-piece 45° Slant Bed With Tailstock

ITEM	L-3430	L-4050	L-5075	L-63100
<b>Capacity</b>				
Max. swing diam. over bed	340	400	500	630
Max. swing diam. over slide	130	220	250	300
Max. turning diameter	340	400	420	580
Max. turning length	280	420	750	1000
Bed Tilt Angle	45°	45°	45°	45°
<b>Spindle</b>				
Spindle nose	A2-4	A2-6	A2-6	A2-8
Chuck	5"	8"	10"	15"
Spindle bore/Bar capacity	46/29	61/49	61/49	87/74
Spindle speed	4500	4000	4000	2500
<b>Feeding</b>				
X/Z axis travel	180/330mm	230/500mm	250/800mm	350/1100mm
X/Z axis rapid traverse	24/24m/min	24/24m/min	24/30m/min	24/24m/min
X / Z axis screw specifications	3208/3210	3208/3208	3208/4010	4010/4010
<b>Motor</b>				
Spindle motor	3.7/5.5kw	7.5/11kw	11/15kw	15/18.5kw
X/Z-axis servo motor	1.8/1.8kw	2.5/2.5kw	2.5/2.5kw	3.0/3.0kw
Coolant motor	0.49kw	0.49kw	0.49kw	0.49kw
Hydraulic Station Motor Power	1.5HP	2HP	2HP	2HP
<b>Tailstock</b>				
Tailstock travel	120	450	650	950
Tailstock quill travel	100	100	100	120
Tailstock quill dia.	Φ72	Φ72	Φ72	Φ90
Tailstock quill taper	MT4	MT4	MT4	MT5
<b>A.T.C</b>				
Tool Changing Type	Hydraulic turret	Hydraulic turret	Hydraulic turret	Hydraulic turret
Turret Model	Y130	Y160	Y200	Y200
Tools Capacity	8-position	8-position	10-position	10-position
Tool Shank Size	20x20mm		25x25mm	
Boring Bar Diameter	Φ25mm		Φ32mm	
<b>General</b>				
Power Capacity	10KVA	15KVA	15KVA	15KVA
Overall dimensions	2350x1590x1750	2640x1750x1700	3050x1750x1830	3500x1850x1830
N.W.	2.8T	3.5T	4.5T	6T

**Standard Accessories**

1. Fanuc/Mitsubishi/GSK controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Hydraulic 3-jaw chuck
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Working lamp

9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Hydraulic turret
14. Operation manual

**Optional Accessories**

1. SYNTEC controller
2. Collet chuck
3. Spindle C axis
4. Spindle positioning brake system
5. Power turret
6. Automatic workpiece collector
7. Chip conveyor and chip bucket
8. Automatic barfeeder
9. Oil mist separator
10. Robot manipulator

## L-P Series 2-Axis Linear Guide CNC turning machine for disk parts, Turn-Mill Center, Turn-Grind Center



One-piece 45° Slant Bed With Robot

### Standard Accessories

1. Fanuc/Mitsubishi/GSK controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Hydraulic 3-jaw chuck
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Leveling screws and pads
13. Operation manual

### Optional Accessories

1. SYNTEC controller
2. Collet chuck
3. Spindle C axis
4. Spindle positioning brake system
5. Power head
6. Automatic workpiece collector
7. Chip conveyor and chip bucket
8. Automatic barfeeder
9. Oil mist separator
10. Robot manipulator

ITEM	L-32P	L-40P
<b>Capacity</b>		
Max. swing diam. over bed	320	420
Max. swing diam. over slide	90	130
Max. Turning diam.	280	360
Max. Turning length	200	370
Bed Tilt Angle	45°	45°
<b>Spindle</b>		
Spindle nose	A2-4	A2-6
Chuck	5"	8"
Spindle bore/Bar capacity	46/29	61/49
Spindle speed	4000	4000
<b>Feeding</b>		
X/Z axis travel	320/250mm	450/400mm
X/Z axis rapid traverse	18/30m/min	24/30m/min
X / Z axis screw specifications	2506/2510	3208/3210
<b>Motor</b>		
Spindle motor	3.7/5.5kw	7.5/11kw
X/Z-axis servo motor	1.5/1.8kw	1.8/1.8kw
Coolant motor		0.49kw
Hydraulic Station Motor Power		1.5HP
<b>A.T.C</b>		
Tool Changing Type	Gang tool	Gang tool
Turret Model	Y100(Optional)	Y160(Optional)
Gang tool face	450x153	620x226
Tool Shank Size	20x20mm	25x25mm
Boring Bar Diameter	Φ 25mm	Φ 25mm
<b>General</b>		
Power Capacity	8KVA	10KVA
Overall dimensions	1800x1140x1500	2250x1440x1780
N.W.	2.6T	3T

## LS Series Twin Spindle CNC Turning Center

Adopted European style design, great rigidity, high efficiency and fully automatic workpiece change-over.



### Standard Accessories

1. Fanuc/Mitsubishi/GSK controller
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Hydraulic 3-jaw chuck
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Hydraulic turret
12. Tool box
13. Leveling screws and pads
14. Operation manual

### Optional Accessories

1. SYNTEC controller
2. Spindle C axis
3. Spindle positioning brake system
4. Automatic workpiece collector
5. Chip conveyor and chip bucket
6. Oil mist separator
7. Robot manipulator

ITEM	LS-40	LS-40S
<b>Capacity</b>		
Max. swing diam. over bed		500
Max. swing diam. over slide		330
Max. machining diam.		400
Max. machining length		450
Bed Tilt Angle		45°
<b>Spindle</b>		
Spindle nose	Main spindle: A2-6	Counter spindle: A2-5
Chuck	Main spindle: 8"	Counter spindle: 6"
Spindle bore/Bar capacity	Main spindle: 61/49	Counter spindle: 56/44
Spindle speed		4500
<b>Feeding</b>		
X/Z/Z3 axis travel	230/550/525mm	X1/Z1: 230/550 X2/Z2: 230/400 Z3: 525
X/Z/Z3 axis rapid traverse	24/24/24m/min	24/24/24m/min
X/Z/Z3 axis screw specifications	3208	3208
<b>Motor</b>		
Spindle motor	Main spindle: 7.5/11kw	Counter spindle: 5.5/7.5kw
X/Z axis servo motor(GSK)		1.5/1.5/2.3kw
Coolant motor		0.49
Hydraulic Station Motor Power		1.5HP
<b>A.T.C</b>		
Tool Changing Type	Hydraulic turret	Hydraulic turret
Turret Model	Y160S-T8	Y200-T10
Tool Shank Size	20x20mm	25x25mm
Boring Bar Diameter	Φ 25mm	Φ 32mm
<b>General</b>		
Power Capacity	30KVA	30KVA
Overall dimensions	3050x1750x1830	3050x1750x1830
N.W.	4.5T	5T

# L-850V

Patented

## 2 Axis Linear Guideway Vertical Lathe

European type design, with excellent rigidity, super large swing diameter convenient and safe clamping.



● Bed structure

### Standard Accessories

1. Fanuc/Mitsubishi
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Hydraulic 3-jaw chuck
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Working lamp
9. Working status indicator
10. Planetary gear reducer
11. Three phase isolation transformer
12. Tool box
13. Leveling screws and pads
14. Operation manual

### Optional Accessories

1. GSK controller
2. Spindle C axis
3. Spindle positioning brake system
4. Power turret
5. Chip conveyor and chip bucket

ITEM	L-850V
<b>Capacity</b>	
Max. swing diam. over bed	900
Max. machining diam.	850
Max. machining length	600
Max. weight of workpiece	350kg
<b>Spindle</b>	
Spindle nose	A2-8
Chuck	15"
Spindle speed	0~2000
<b>Feeding</b>	
X/Z axis travel	450/650mm
X/Z axis rapid traverse	24/24m/min
X / Z axis screw specifications	4010/4010
<b>Motor</b>	
Spindle motor	11/15kw
X/Z-axis servo motor	2.0/2.0kw
Coolant motor	0.49kw
Hydraulic Station Motor Power	4HP
<b>A.T.C</b>	
Tool Changing Type	Hydraulic turret
Turret Model	Y200
Tool capacity	10-position
OD Tool shank	25x25mm
ID Tool shank	Φ 32mm
<b>General</b>	
Power Capacity	20KVA
Overall dimensions	2400x2300x2300
N.W.	8T

# L-250T

Patented

## 2-Axis Linear Guideway Automatic Inverted Vertical Lathe

European type design, workpiece feeding device cooperating with spindle up-and-down move, realizes fully automatic clamping and machining, time saved and efficiency improved.



### Standard Accessories

1. Fanuc/Mitsubishi
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Hydraulic 3-jaw chuck
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Working lamp
9. Working status indicator
10. Three phase isolation transformer
11. Tool box
12. Hydraulic turret 8 tools
13. Leveling screws and pads
14. Automatic loading and unloading system
15. Operation manual

### Optional Accessories

1. GSK controller
2. Chip conveyor and chip bucket
3. Inner circle high-speed grinding head
4. Oil mist separator

ITEM	L-250T
<b>Capacity</b>	
Max. machining diam.	250
Max. machining length	200
<b>Spindle</b>	
Spindle nose	A2-5
Chuck	6"
Spindle speed	0~4000
<b>Feeding</b>	
X/Z axis travel	850/350mm
X/Z axis rapid traverse	20/20m/min
X / Z axis screw specifications	4010/4010
Min. resolution	0.001mm
<b>Motor</b>	
Spindle motor	5.5/7.5kw
X/Z-axis servo motor	2.5/2.5kw
Coolant motor	0.49kw
Hydraulic Station Motor Power	4HP
<b>A.T.C</b>	
Tool Changing Type	Hydraulic turret
Turret Model	Y160
Tool capacity	8-position
OD Tool shank	25x25mm
ID Tool shank	Φ 32mm
Stock bin	Φ 150mm 34pcs workpieces (customized)
<b>General</b>	
Power Capacity	20KVA
Overall dimensions	2400x2300x2600 (Excluding send fire agency)
N.W.	5T

# H-(S) Series 3-Axis Linear Guide Traveling Column Horizontal Machining Center

Patented

Adopted European style design, worktable only does rotation motion (exchangeable double worktable is optional); 3 axes adopt heavy duty type roller linear guide, with excellent loading capacity, high precision and high speed. Optimized layout and good rigidity. Easy to operate. Suitable for machining of box type parts.

### Standard Accessories

1. Fanuc/Mitsubishi
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Fully enclosed splash guard
6. Automatic centralized lubrication system
7. Working lamp
8. Working status indicator
9. Three phase isolation transformer
10. Tool box
11. Leveling screws and pads
12. Operation manual

### Optional Accessories

1. GSK controller
2. 4th axis
3. 5th axis
4. Chip conveyor and chip bucket
5. Oil mist separator
6. Planetary Transmission

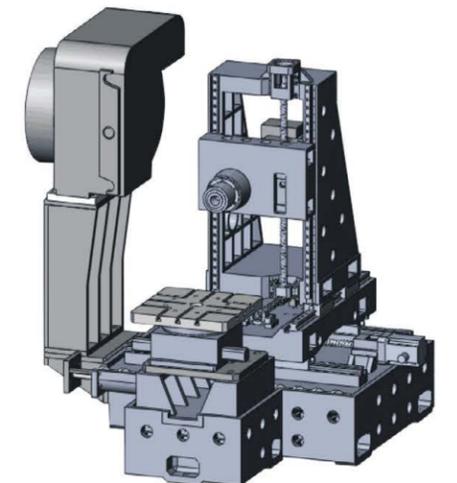
ITEM	H-500	H-630	H-630S	H-800	H-800S
<b>Worktable</b>					
Table size/(L*W)	500x500	630x630	400x400(twin pallet)	800x800	630x630(twin pallet)
T-slot size	14x100	6x18x87	M12x70	5x22x160	M16x70
Min index	90°	1°	5°	1°	5°
Worktable indexing accuracy	± 4"	± 5"			
Repeatability positioning accuracy	± 1"	± 1"			
Max load	400kg	1000kg	200kg	1500kg	800kg
<b>Travel</b>					
Max. X/Y/Z axis travel	600/400/600	720/600/500	720/600/500	950/700/600	950/700/600
Spindle center to table surface	100~700	100~700	35~635	230~930	100~740
Spindle end face to table center	40~440	300~800	-10~490	300~1000	90~690
<b>Spindle</b>					
Spindle taper	BT40	BT40/BT50	BT40/BT50	BT50	BT50
Max. Spindle speed (Standard)	10000rpm	8000rpm/6000rpm	8000rpm/6000rpm	6000rpm	6000rpm
<b>Feeding</b>					
Cutting feed rate	10000mm/min	4000mm/min			
X,Y,Z rapid traverse	48/48/48 m/min	24/24/24 m/min			
Feed Screw	3216	4010	4010	5010	5010
<b>A.T.C(Optional)</b>					
Tool magazine type	Arm type	Arm type			
Tool magazine capacity	16	24			
Max. tool diameter and length	85x300	120x300			
Max. tool weight	8kg	15kg			
<b>Servo Motor</b>					
Spindle motor	5.5/7.5kw	7.5/11 kw	7.5/11 kw	15/18.5 kw	15/18.5 kw
X/Y/Z axis servo motor(FANUC)	1.8/1.8/1.8kw	3/3/3kw	3/3/3kw	3/3/3kw	3/3/3kw
Coolant motor	0.49kw	0.49kw	0.49kw	0.49kw	0.49kw
<b>General</b>					
Air Requirement	6KG	6KG	6KG	6KG	6KG
Power Capacity	15KVA	25KVA	25KVA	30KVA	30KVA
Measurement	2.6x2.0x2.2m	4.1(6.0)x2.6x3.6m	4.1(6.0)x2.6x3.6m	6.0x2.6x3.6m	6.0x3x4m
N.W.	4T	8T	10T	14T	16T



Machine body with twin work tables



Machine body with single work table



Machine body of H-500

## H-T Series

Patented

### 3-Axis Linear Guideways Traveling Column Horizontal Boring Milling Machining Center

European style design obtained, with excellent rigidity, large span, convenient and safe clamping.



#### Standard Accessories

1. Fanuc/Mitsubishi
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Y-axis hydraulic balance system
6. Fully enclosed splash guard
7. Automatic centralized lubrication system
8. Rigid tapping
9. Working lamp
10. Working status indicator
11. Three phase isolation transformer
12. Tool box
13. Leveling screws and pads
14. Operation manual

#### Optional Accessories

1. GSK controller
2. Arm type tool magazine 24
3. Rotary table
4. Chip conveyor and chip bucket
5. Planetary transmission
6. Spindle Oil chiller
7. Coolant through spindle

ITEM	H-1400T	H-1900T	H-2400T
<b>Worktable</b>			
Table size/(L*W)	1400x700	2000x900	2500x1000
T-slot size	5x18x142	5x18x165	5x22x180
Max load	2000kg	3000kg	4500kg
<b>Travel</b>			
Max. X/Y/Z axis travel	1400/900/700	1900/1400/900	2400/1900/1000
Spindle center to table surface	320~1220	320~1720	300~2200
<b>Spindle</b>			
Spindle taper	190-BT50	260-BT50	260-BT50
Max. Spindle speed (Standard)	6000rpm	3500rpm	3500rpm
<b>Feeding</b>			
Cutting feed rate	4000mm/min		
X,Y,Z rapid traverse	20/20/20 m/min		
Feed screw	5012		
<b>A.T.C(Optional)</b>			
Tool magazine type	Arm type		
Tool magazine capacity	24		
Max. tool diameter and length	112x300		
Max. tool weight	15kg		
Tool shank type	BT50		
<b>Servo Motor</b>			
Spindle motor	15/18.5kw	15/18.5kw	15/18.5kw
X/Y/Z axis servo motor (Mitsubishi)	3.0/3.0/4.5kw	3.5/3.5/4.5kw	4.5/4.5/4.5kw
X/Y/Z axis servo motor (Fanuc)	3.0/3.0/4.5kw	3.5/3.5/4.5kw	4.5/4.5/4.5kw
Coolant motor	0.49kw	0.49kw	0.49kw
<b>General</b>			
Air Requirement	6KG	6KG	6KG
Power Capacity	30KVA	35KVA	40KVA
Measurement	3.8x3x3.2m	4.5x3.5x3.6m	5.0x3.5x3.7m
N.W.	15T	19T	21T

## M-Series

### Three axis Linear guideways (Z-axis box way type) traveling beam gantry machining center



#### Standard Accessories

1. Fanuc/Mitsubishi
2. Heat Exchanger for Electrical Cabinet
3. Standard RS-232 interface
4. RS-232 communication cable
5. Semi-closed splash-proof device
6. Automatic centralized lubrication system
7. Working lamp
8. Working status indicator
9. Three phase isolation transformer
10. Tool box
11. Leveling screws and pads
12. Planetary Transmission
13. Operation manual

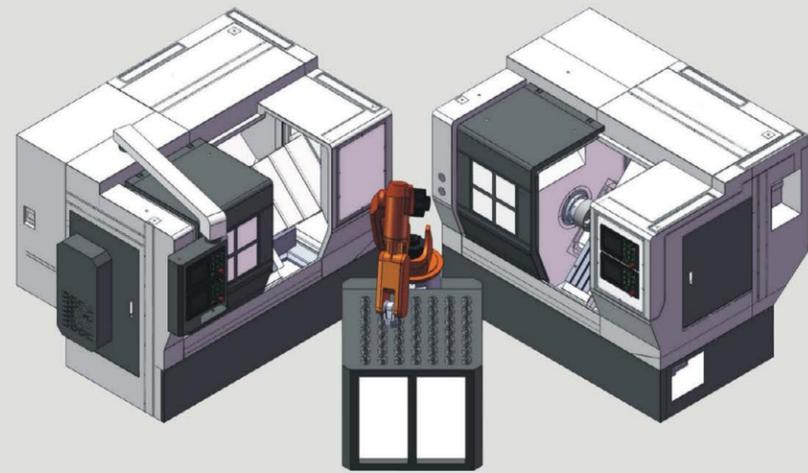
#### Optional Accessories

1. GSK controller
2. Arm type tool magazine 24/40
3. CNC Rotary table(Manual/hydraulic drive)
4. Lengthening head, right-angle head, universal head
5. Chip conveyor and chip bucket

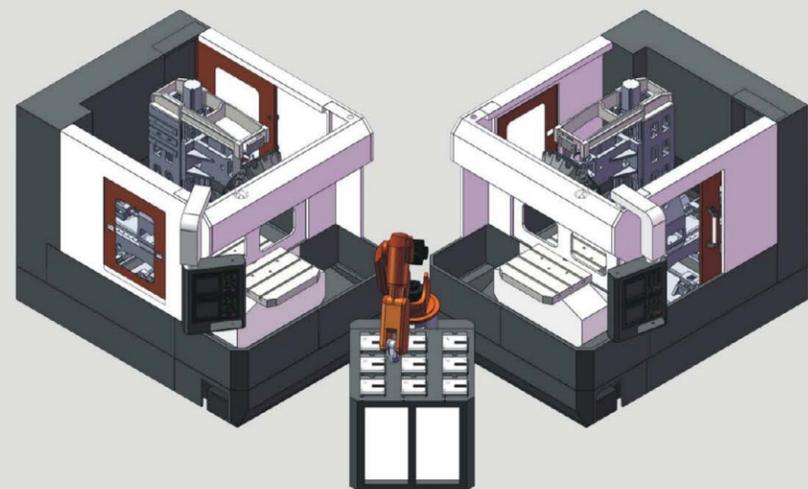
ITEM	M-2016	M-2516	M-3016
<b>Worktable</b>			
Table size/(L*W)	2000x1400	2500x1400	3000x1400
T-slot size	175x22x7	175x22x7	175x22x7
Max load	10000kg	15000kg	20000kg
<b>Travel</b>			
Max. X/Y/Z axis travel	2000/1600/800	2500/1600/800	3000/1600/800
Gantry Width	2000	2000	2000
<b>Spindle</b>			
Spindle taper	BT50		
Max. Spindle speed (Standard)	4500rpm		
Spindle drive (Standard)	Direct Connection		
Spindle drive (Optional)	Planetary Transmission		
<b>Feeding</b>			
Cutting feed rate	6/6/8m/min		
X,Y,Z rapid traverse	15m/min		
<b>A.T.C(Optional)</b>			
Tool magazine capacity	24, 40		
Max. tool diameter and length	110x300		
Max. tool weight	15kg		
Tool shank type	BT50		
<b>Servo Motor</b>			
Spindle motor	22/26kw		
X/Y/Z axis servo motor	1:3		
X/Y/Z axis servo motor	7.0/4.5/4.5kw		
Coolant motor	0.49kw		
<b>General</b>			
Air Requirement	6KG	6KG	6KG
Power Capacity	45KVA	45KVA	45KVA
Measurement	4.1x4.0x3.4m	5.2x4.0x3.4m	6.0x4.0x3.4m
N.W.	18T	24T	28T

### JASU CNC Machine Matching With Industrial Robot To Realize Flexible Production

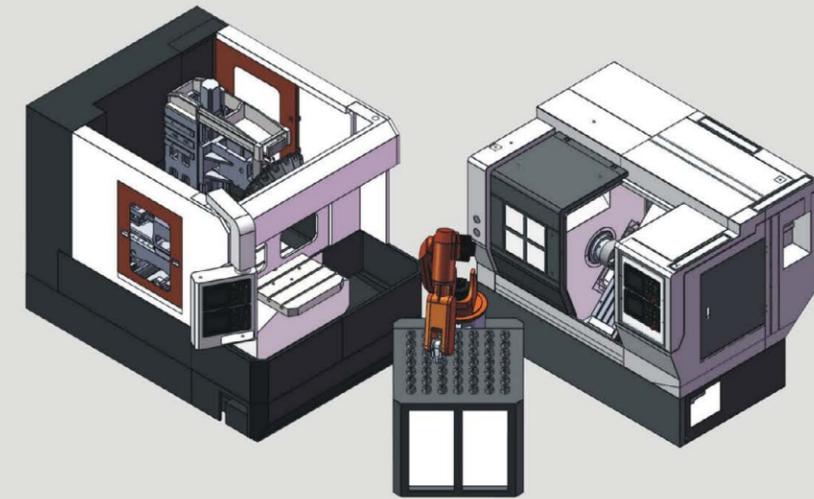
In order to adapt to "Machine Replaces Humans" and "Smart Manufacturing", JASU launches several flexible production lines of machine parts machining composed of various CNC lathe or machining center and Robot. It can finish quite complex processing. One Robot can be matched with several machines, and one operator can attend several production lines, which saves labor remarkably and improves product quality. Customers can choose suitable flexible production line according to specific products and volume. Below is 5 basic combinations.



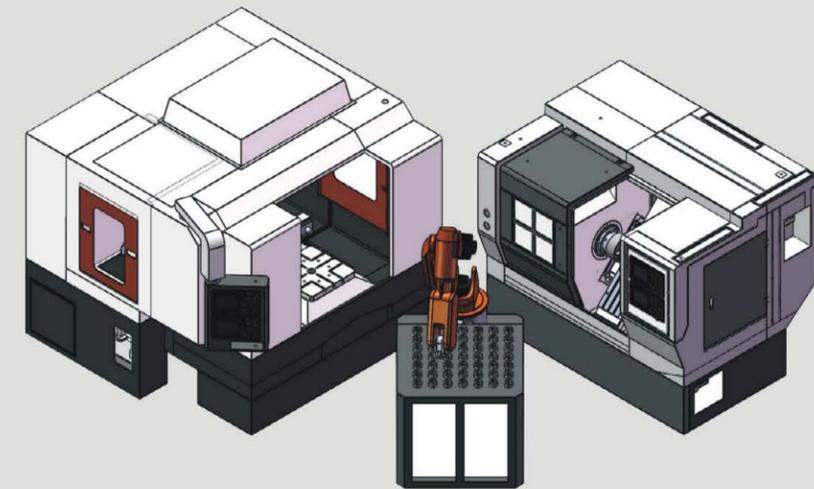
Combination of 2 CNC lathes and Robot



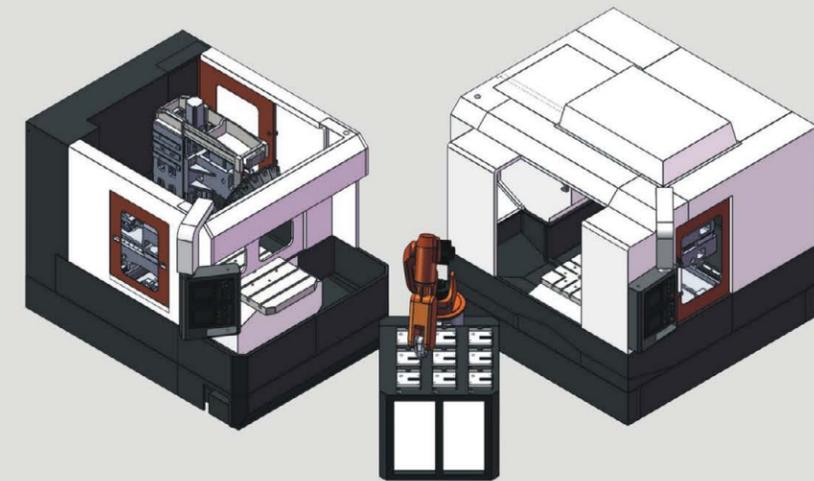
Combination of 2 VMCs and Robot



Combination of CNC lathe, VMC and Robot



Combination of CNC lathe, HMC and Robot



Combination of VMC, HMC and Robot