MACHINE TOOLS

INDUSTRIAL SUPPLY
Bluestar

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Bluestar

Company Profile

BLUESTAR has been always dedicating to the making of industrial products for our customers. We create WondersunM as a brand that has become synonymous with precision, quality and innovation, backed by our first-rate service and support.

Today, BLUESTAR offers four product categories: machine tool accessory, measuring tools, cutting tools and metal working machinery. All these four categories are based on strict quality control at every level of designing, producing and packaging.

Our commitment is to supplying products to our customers with best quality, reliable performance and first-level service. Owing to our distinguishing characteristics, we ensure that BLUESTAR is your best choice of industrial supplies.

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MACHINE TOOLS

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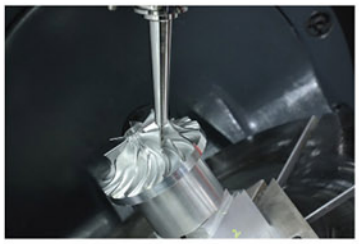
Five-axis Vertical Machining Center

Characters

- ☐ The key components of this machine, such as the bed, slider, crossbeam, and spindle box, are all made of MEEHANITE castings, The X/Y axis adopts a gantry structure with stable organization, and the casting machine has high rigidity and strength, with excellent geometric accuracy.
- ☐ The A/C axis cradle turntable adopts a double support structure to ensure high rigidity.
- ☐ Optimal cooling system and high-speed spindle
- ☐ The positioning accuracy of the three axes is completely achieved using the VDI3441 statistical method.
- ☐ The X/Y/Z axis adopts a linear guide rail, which has the characteristics of high rigidity, low noise, and low friction, and can achieve rapid displacement and the excellent circular accuracy.
- ☐ Rapid displacement X/Y/Z: 36/36/36m/min.
- ☐ The spindle adopts precision grade bevel ball bearings with high speed and precision, and the standard speed can reach 18000rpm.
- ☐ The electrical box adopts a side hanging design to save space and maximize the use of limited space.



Specifications	Unit	F-UG-500	F-UG-800
Travel			
X-aixs travel	mm	520	850
Y-aixs travel	mm	520	950(Y-axis travel including tool change travel)
Z-aixs travel	mm	485	550
A-axis rotation angle	mm	±120°	±120°
C-axis rotation angle	mm	360°	360°
Distance from spindle nose to worktable	mm	175-660 Horizontal	180-730 Horizontal
Worktable			
Workbench size (X × Y)	mm	Ø 520	Ø 800
Worktable T-slot size (width × number of slots × spacing)	mm	14H9×8×45°Equal distribution	18H8×16×22.5°Equal distribution
Maximum load capacity of workbench	KG	350	1200
Spindle			
Spindle motor (continuous/30 min)	kw	30	30
Spindle speed	rpm	10-18000	10-18000
Spindle inner cone hole		HSK A63	HSK A63
Five axes			
X/Y/Z/A/Caixs motor	kw	3.9/5.9/3.9/7.54/6.3	6/9.6/7.2/13.61/3.5
Feed rate			
Rapid feed rate (X/Y/Z)	mm/min	36000/36000/36000	40000/40000/40000
Maximum speed of A/C axis	rpm	100/100	40/40
Fastest cutting feed rate	mm/min	1-10000	1-10000
Tool changing system (optional)			
Tool magazine capacity (standard/optional)	set	30	30
Tool magazine form		Tool Arm type	Horizontal tool magazine
Maximum tool diameter of adjacent tools	mm	Ø75	Ø78
Maximum tool diameter of the empty adjacent tool	mm	Ø120	Ø120
Maximum tool length	mm	300	300
Maximum tool weight	kg	8	8
Machine accuracy			
Three axis laser positioning accuracy (VDI3441 measurement method)			
Positioning accuracy (full stroke)	mm	±0.008	Unavailable
Repetitive positioning accuracy (full stroke)	mm	±0.005	Unavailable
System			
controller		New Numerical Control System 220 MA-5	HEIDENHAIN TNC640
Oil and gas pressure system			Oil and gas pressure system
Water tank capacity	liter	200	240
Air pressure demand	kg/cm	6	6
Electricity			
Power specifications		AC380±10%,3-phase electricity 50Hz	AC380±10%,3-phase electricity 50Hz
Electricity demand	KVA	50	60
Other			
Floor area (X × Y)	mm	4400×4100	4400×5300
Machine dimensions (X × Y × Z)	mm	2580×3200×3500	2810×4350×3650
Machine weight	T	About 10.5	About 15

Five-axis Vertical Machining Center

Characters

- ☐ The F-VDU650 is a 5-axis vertical machining center based on a modular, standardized, and serialized approach.
- ☐ This machine tool employs an improved gantry-type three-coordinate structure, combined with a dual-axis compound rotary table, to achieve 5-axis simultaneous machining.
- ☐ The maximum rapid traverse speeds for the X, Y, and Z linear axes can reach 60m/min. The rotary table offers two options: mechanical transmission or torque motor direct drive.
- ☐ The main spindle can be equipped with either a direct-drive spindle or an electric spindle, and tool magazine capacities of 20, 30, 40, 50, and 60 are available for selection.
- ☐ The machine features rapid response, high processing efficiency, smooth chip evacuation, and excellent cost-effectiveness.
- ☐ It is suitable for complex spatial surface machining and spatial angle positioning machining, especially for parts like impellers and blades.

Specifications	Unit	F-VDU650
Worktable size(L×W)	mm	φ650
Max.load	kg	600
Clamping area		φ800×φ500
T-slots(numbers×Width×center Distance)	mm	5×18×45°
Table indexing (A axis x C axis)		±130°×360°
Rotating speed (A/C aixs)		15/30
Travel		
X/Y/Z axis travel	mm	650/650/500
X/Y/Z axis guide way type		Linear roller guideway
Distance from spinlde center to column	mm	150~650
Feedrate		
Rapiad traverse of X/Y/Z axis	m/min	45/45/45(OP:60/60/60)
Max. cutting feed rate	m/min	30
Spinlde		
Spinlde type		Direct drive spindle
Spindle motor power	kw	8
Max Spindle speed	r/min	44
Spindle taper		12000(Opt:15000)
ATC		
Tool magazine Capacity		20T Spindle direct take type Opt:30T/40T/50T/60T
Tool shank type		HSK-A63
Max tool weight	Kg	8
Max.tool diameter(w/o adjacenttools)	mm	φ78/φ125
Max. Tool Length	mm	300
Accuracy		
X/Y/Z aixs positioning accuracy	mm	0.008
X/Y/Z aixs repeatability accuracy	mm	0.005
A/C axis positioning accuracy	inch	10"(A),8"(C)
A/C axis repeatablity accuracy	inch	4"(A),3"(C)
CNC controller		
CNC controller		SIEMENS ONE
General		
Machine dimension(L×W×H)	mm	5300×2600×3235
Machine weight	Kg	15000

Standard configuration

- ☐ Ball screw and linear guideway(Taiwan, China)
- ☐ Chain-type chip conveyor and chip cart
- ☐ Air conditioner
- ☐ 20T Arm-type ATC
- ☐ Spindle air blow
- ☐ Rigid tapping
- ☐ Spindle oil chiller
- ☐ Workpiece Coolant system
- ☐ Air gun
- ☐ Automatic lubrication system

Optional

- ☐ 30T/40T/50T/60T ATC
- ☐ 15000rpm Direct drive spindle
- ☐ 2Mpa coolant through spindle/7Mpa coolant through spindle
- ☐ 3 Axis linear scale(Heidenhain)
- ☐ High volume flushing system
- ☐ Tool probe & workpiece probe

Vertical Machining Center

Specifications	Unit	V-VDLS600		V-VDLS850		V-VDLS1000		V-VDLS1300		V-VDLS1200	
Worktable size(L×W)	mm	800×420		1000×500		1120×560		1300×560		1220×620	
Max.load	kg	500		600		750		750		1200	
T-slots(numbers×Width×center Distance)	mm	3×18×125		5×18×100		5×18×100		5×18×100		5×18×100	
Travel											
X/Y/Z axis travel	mm	620/440/540		860/510/560		1040/580/620		1290/580/620		1220/620/685	
X/Y/Z axis guide way type	mm	Linear guidway		Linear guidway		Linear guidway		Linear guidway	X/Y Linear guidway Z Box way	Linear guidway	X/Y Linear guidway Z Box way
Distance from spinlde center to column	mm	545		607		629	666	629	666	725	660
Distance from spindle nose to table		140~680		145-705		125-745		125-745		95-780	
Feedrate											
Rapiad traverse of X/Y/Z axis	m/min	60		54		54		54			45
Max. cutting feed rate	m/min	20		20		20		20			20
Spinlde											
Spindle motor power	kw	7.5/11		7.5/11		7.5/11	11/15	7.5/11	11/15	11/15	
Max Spindle speed	r/min	12000 Direct -driven	Opt:8000 Belt-driven	12000 Direct -driven	Opt:8000 Belt-driven	12000 Direct -driven	Opt:8000 Belt-driven/ Gear-driven	12000 Direct -driven	Opt:8000 Belt-driven/ Gear-driven	12000 Direct -driven	Opt:6000 Belt-driven/ Gear-driven
Spindle motor taper		No.40(7:24)		No.40(7:24)		No.40(7:24)		No.40(7:24)		No.40(7:24)	No.50(7:24)
Feedrate											
Rapiad traverse of X/Y/Z axis	m/min	36/36/30		36/36/30		36/36/30	24/24/20 OPT	36/36/30	24/24/20 OPT (36/36/20)	36/36/30	24/24/20 OPT (36/36/20)
Max. cutting feed rate	m/min	10		10		10		10		10	
ATC											
Tool magazine Capacity		24T/Arm		24T/Arm		24T/Arm		24T/Arm		24T/Arm	
Tool shank type		BT40		BT40		BT40		BT40		BT40	BT50
Max tool weight	Kg	8		8		8		8		15	
Max.tool diameter(w/o adjacenttools)	mm	φ78/155		φ78/155		φ78/155		φ78/155		φ78/155	φ125/250
Tool changing time(T-T)	s	2.7		2.7		2.7		2.7		2.7	3.5
Accuracy											
X/Y/Z aixs positioning accuracy	mm	0.008/0.008/0.008		0.008/0.008/0.008		0.016/0.008/0.008		0.019/0.008/0.008		0.016/0.008/0.008	
X/Y/Z aixs repeatability accuracy	mm	0.005/0.005/0.005		0.005/0.005/0.005		0.006/0.005/0.005		0.008/0.005/0.005		0.006/0.005/0.005	
CNC controller											
CNC controller		FANUC Oi-MF(5)Plus,FANUC Oi-MF(1)Plus,SIMENS 828D,MITSUBISHI M80B								FANUC Oi-MF(1)PPlus SIEMENS 828D	
General											
Machine dimension(LxWxH)	mm	2445×2451×2625		2496×2530x×2679		2800×2671×2820		3100×2671×2820	2990×2641×2759		8180×6087×3702
Machine weight	Kg	4600		5600		7000		7200		8500	

Standard Configuration

- ☐ 24T arm-type ATC
- ☐ Ball screw and linear guideway
- ☐ Spindle oil chiller
- ☐ Spindle coolant ring
- ☐ Spindle air blow
- ☐ Heat exchanger
- ☐ Compact oil-water separator
- ☐ Screw-type chip conveyor
- ☐ Rigid tapping
- ☐ Workpiece coolant system
- ☐ Air gun
- ☐ Automatic lubrication system

Optional

- ☐ Roller guideway
- ☐ Coolant through spindle and high-pressure unit
- ☐ High volume flushing system
- ☐ 4th axis rotary table
- ☐ Air conditioner
- ☐ Chain-type chip conveyor and chip cart
- ☐ Tool probe & workpiece probe
- ☐ M30 automatic power off

Vertical Machining Center

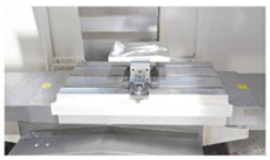
Specifications	Unit	V-VDF1500	V-VDF1800
Worktable size(L×W)	mm	1700×800	2000×800
Max.load	kg	2500	2500
T-slots(numbers×Width×center Distance)	mm	6x8x125	6x18x125
Travel			
X/Y/Z axis travel	mm	1560/830/790	1880/830/790
X/Y/Z axis guide way type		Box way(Y-4)	Box way(Y-4)
Distance from spinlde center to column	mm	850	850
Distance from spindle nose to table	mm	186~976	166~956
Spinlde			
Spindle motor power	kw	15/18.5	15/18.5
Max Spindle speed	r/min	6000	6000
Spindle taper		No.50(7/24)	No.50(7/24)
Feedrate			
Rapiad traverse of X/Y/Z axis	m/min	15/15/12	15/15/12
Max. cutting feed rate	m/min	6	6
ATC			
Tool magazine Capacity		24T/Arm	24T/Arm
Tool shank type		BT50	BT50
Max tool weight	Kg	15	15
Max.tool diameter(w/o adjacenttools)	mm	24T:φ125/250	24T:φ125/250
Tool changing time(T-T)	s	3.5	3.5
Accuracy			
X/Y/Z aixs positioning accuracy	mm	0.019/0.008/0.008	0.019/0.008/0.008
X/Y/Z aixs repeatability accuracy	mm	0.008/0.005/0.005	0.008/0.005/0.005
CNC controller			
CNC controller		FANUC Oi-MF(5)Plus,SIMENS 828D	
General			
Machine dimension(L×W×H)	mm	4580×3250×3120	5200×3250×3120
Machine weight	Kg	14000	14500

Standard Configuration

- ☐ 24T arm-type ATC
- ☐ Ball screw and linear guideway
- ☐ Heat exchanger
- ☐ Spindle air blow
- ☐ Spindle coolant ring
- ☐ Compact oil-water separator
- ☐ Screw-type chip conveyor
- ☐ Rigid tapping
- ☐ Workpiece coolant system
- ☐ Air gun
- ☐ Automatic lubrication system

Optional

- ☐ Spindle oil chiller
- ☐ Coolant through spindle and high-pressure unit
- ☐ High volume flushing system
- ☐ 4th axis rotary table
- ☐ Air conditioner
- ☐ Chain-type chip conveyor and chip cart
- ☐ Tool probe & workpiece probe
- ☐ M30 automatic power off



Vertical Machining Center

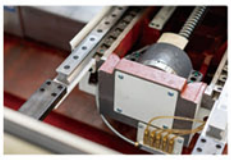
Specifications	Unit	V-VDM856
Worktable size(L×W)	mm	1000x500
Max.load	kg	600
T-slots(numbers×Width×center Distance)	mm	5×18×100
Travel		
X/Y/Z axis travel	mm	820/550/600
X/Y/Z axis guide way type		Linear roller guideway
Distance from spinlde center to column	mm	623
Distance from spindle nose to table	mm	120~720
Spinlde		
Spindle motor power	kw	7.5/11
Max Spindle speed	r/min	12000(Direct drive)
Spindle taper		No.40(7:24)
Feedrate		
Rapiad traverse of X/Y/Z axis	m/min	48/48/48
Max. cutting feed rate	m/min	10
ATC		
Tool magazine Capacity		24T/Arm
Tool shank type		BT40
Max tool weight	Kg	8
Max.tool diameter(w/o adjacenttools)	mm	φ78/φ155
Tool changing time(T-T)	s	2.5
Accuracy		
X/Y/Z aixs positioning accuracy	mm	0.006/0.006/0.006
X/Y/Z aixs repeatability accuracy	mm	0.004/0.004/0.004
CNC controller		
CNC controller		MITSUBISHI M80B FANUC Oi-MF(5)Plus, FANUC Oi-MF(1)Plus,SIEMENS 828D,GSK 25i
General		
Machine dimension(L×W×H)	mm	3160×2280×2818
Machine weight	Kg	5800

Standard Configuration

- ☐ ball screw and Roller guideway
- ☐ 24T arm-type ATC
- ☐ Heat Exchange
- ☐ Spindle oil chiller
- ☐ Spindle coolant ring
- ☐ Spindle air blow/Spindle spray
- ☐ High volume flushing system
- ☐ Rigid tapping
- ☐ Workpiece Coolant system
- ☐ Air gun
- ☐ Automatic lubrication system

Optional

- ☐ Coolant through Spindle and high-pressure unit
- ☐ 4th axis rotary
- ☐ Air conditioner
- ☐ Screw-type chip conveyor
- ☐ Chain-type chip conveyor and chip cart
- ☐ Tool probe & Workpiece probe
- ☐ M30 automatic power off



Horizontal Machining Center

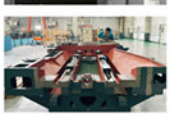
Specifications	Unit	H-MDH40P	H-MDH50PS	H-MDH50	H-MDH50A	H-MDH65S	H-MDH65	H-MDH65A	H-MDH80S	H-MDH80	H-MDH80A	H-MDH100S	H-MDH125
Worktable size(L×W)	mm	400×400	500×500	500×500	500×500	630×630	630×630	630×630	800×800	800×800	800×800	1000×1000	1250×1250
No.of Pallet		2		2	Single table	2	2	Single table	2	2	Single table	2	2
Table type		IT Opt BRT		IT Opt BRT			IT Opt BRT			IT Opt BRT			IT Opt BRT
Table indexing		IT(1°×360°) BRT(0.001°×360°)		IT(1°×360°) BRT(0.001°×360°)			IT(1°×360°) BRT(0.001°×360°)			IT(1°×360°) BRT(0.001°×360°)			IT(1°×360°) BRT(0.001°×360°)
Table indexing time	S	1.9(90°)		1.7(90°)			1.7(90°)			4.5(90°)			5(90°)
Pallet changing time	S	5		6	-	6	12	-	12	12.5	-	12.5	35
Max.table load	Kg	400		800			1300			2000			3000
Travel													
X/Y/Z axis travel	mm	630/620/710		780/750/800			1050/900/900		1050/900/800	1400/1100/1050		1400/1100/1000	1700/1400/1240
X/Y/Z axis guide way type	mm	Linear roller guideway											
Distance from table surface to spinlde center	Nm	80-700		80-830			80-980			80-1180			70-1470
Distance from spindle nose to table	mm	150~860		150-950			200~1100		300~1100	200~1250		250~1250	360~1600
Feedrate													
Rapiad traverse of X/Y/Z axis	m/min	60		54			54			54			45
Max. cutting feed rate	m/min	20		20			20			20			20
Spinlde													
Spinlde Taper		No.40(7:24)		No.50(7:24)			No.50(7:24)			No.50(7:24)			No.50(7:24)
Max Spindle speed	rpm	10000(Direct-Drive) Opt:12000(Direct-Drive)		8000(Motorized) Opt:12000(Motorized) Opt:6000(Geardrive)			8000(Motorized) Opt:12000(Motorized) Opt:6000(Geardrive)			8000(Motorized) Opt:12000(Motorized) Opt:①400(Geardrive) Opt:②400(Geardrive)			6000(Motorized) Opt8000, 12000(Motorized) Opt 6000(Geardrive)
Spindle motor power (Continueous/30min)	mm	10000rpm:7.5/11 12000rpom:7.5/11		8000rpm:18.5/22 12000rpm:25/30 6000rpm:22/26			8000rpm:18.5/22 12000rpm:25/30 6000rpm:22/26			8000rpm:25/30 12000:25/30 ①4000rmp:22/26 ②4000rmp:30/37			6000rpm:37/50 8000rpm:25/30 12000rmp:25/30 6000rmp:22/26
ATC													
Tool magazine Capacity	T	40		40			40			40			40
Tool shank type		BT40		BT50			BT50			BT50			BT50
Max.tool length	mm	350		500			500			500			500
Max tool weight	Kg	8		25			25			25			25
Max.tool diameter(w/o adjacenttools)	mm	φ82(φ150)		φ115(φ270)			φ115(φ270)			φ115(φ270)			φ115(φ270)
Tool changing time(T-T)	s	1.2		2			2			2.5			2.5
Accuracy													
X/Y/Z aixs positioning accuracy	mm	0.008		0.008			0.01			0.01			X:0.015 Y:0.012 Z:0.012
X/Y/Z aixs repeatability accuracy	mm	0.005		0.005			0.006			0.006			X:0.007 Y:0.007 Z:0.007
CNC controller													
CNC controller		FANUC 31i		FANUC 31i			FANUC 31i			FANUC 31i			FANUC 31i
General													
Machine dimension(L×W×H)	mm	5952×2558 ×2771	5952×2558 ×2771	4912×3200 ×3125	4910×3200 ×3125	4921×3200 ×3125	5145×3342 ×3355	4450×3342 ×3350	5145×3342 ×3350	6153×3717 ×3827	5050×3682 ×3827	6153×3717 ×3827	8180×6087 ×3702
Machine weight	Kg	8000	8000	15000	14000	15000	18000	16500	18500	24000	21000	24500	32500

Standard Configuration

- ☐ Spindle with two speed range
- ☐ Core-cooled ball screws
- ☐ Chain type tool magazine
- ☐ Screw type chip conveyor (Double-side mounted)
- ☐ Auto lubrication system
- ☐ Rigid tapping
- ☐ Heat exchanger

Optional

- ☐ Built-in-rotary table(BRT)
- ☐ High volume flushing system
- ☐ Air conditioner
- ☐ HEIDENHAIN linear scale
- ☐ Gear box spindle
- ☐ 60T/120T Chain type tool magazine (60T/80T MDH125)
- ☐ Coolant-through spindle coolant system and high-pressure unit
- ☐ Ceiling shower
- ☐ Tool probe &work piece probe
- ☐ Oil-water separator system
- ☐ Chain-type chip conveyor
- ☐ Mist collector



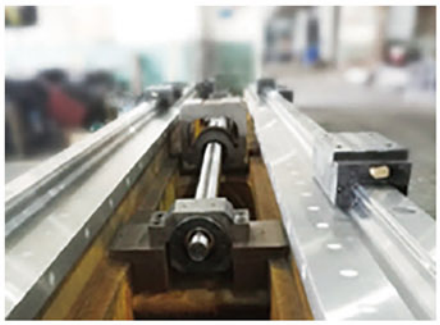
Gantry Machining Center

Characters

- ☐ One piece casting bed and bridge structure, providing stable rigid foundation
- ☐ Z-axis direct rail connection type 800mm stroke, can also beselected with gear head
- ☐ Symmetrical design of main spindle, with double balance cylinder, fast response up and down

Specifications	Unit	G-GC2013	G-GL3022	G-GL4022	G-GL5032
Travel					
X-axis travel	mm	2000	3000	4000	5000
Y-axis travel	mm	1200	2200	2200	3200
Z-axis travel	mm	800	800	800	1000
Distance for spindle nose to work bench	mm	200-1000	280-1080	280-1080	200-1200
Distance between the double column	mm	1300	2300	2300	2700
Worktable size					
Worktable size (X direction)	mm	2000	3020	4020	5020
Worktable size (Y direction)	mm	1100	2010	2010	2410
Worktable Max.load	kg	3500	12000	15000	18000
Spinlde					
Spindle speed	rpm	6000	6000	6000	6000
Spindle drive from		Direct connection type	Gear type	Gear type	Gear type
Spindle motor(continual/30min)	kW	15/18.5	15/18.5	22/26	22/26
Spindle taper	#ISO	BT50(ISO50)	BT50(ISO50)	BT50(ISO50)	BT50(ISO50)
X. Y. Z. Feed rate					
Rapid feed rate X axis	mm/min	20000	15000	12000	10000
Rapid feed rate Y axis	mm/min	20000	15000	15000	15000
Rapid feed rate Z axis	mm/min	20000	12000	12000	12000
Cutting feed rate	mm/min	1-10000	1-6000	1-6000	1-6000
Tool magazine					
Tool magazine capacity (optional)		24	24/32	24/32	24/32
Tool diameter/ adjacent tool space	mm	Ø110/Ø200	Ø110/Ø200	Ø110/Ø200	Ø110/Ø200
Tool length	mm	400	400	400	400
Tool weight	kg	15	1s	15	15
Accuracy					
(JIS B 6338) Positioning precison (JIS B 6338)	(JIS B 6338)	0.015	0.015	0.015	0.015
(JI5 B 6338) Reproducibility (JI5 B 6338)	(JIS B 6338)	0.005	0.005	0.005	0.005
General specifications					
Electricity demand	KVA	50	60	60	60
Barometric pressure requirement (minimum)	kg/cm²	6	6	6	6
Hydraulic tank capacity (hydraulic pump)	L/kW	Direct drive motor	Hydraulic station	Hydraulic station	Hydraulic station
Lubricating oil tank capacity	L	6	6	6	6
Cutting fluid capacity (cutting fluid pump)	L	300	650	650	800
Machine net weight	T	16	35	37	48

Turret Lathe



Specifications	Unit	L-FTL500	
Capacity			
Chuck size	inch	10"8"	
Max.Swing dia over bed	mm	φ500	
Max.length of workpiece	mm	700/1000/1500/2000(C2C) 550/850/1350/1850(chunk) *450/750/1250/1750(turret)	
Max.swing dia .over slide	mm	φ350	
Spindle			
Spindle bore	mm	φ83	*φ62
Max dia of through hole	mm	φ75	*φ52
Spindle nose		A2-8	*A2-6
Spindle speed	rpm	1600×2500	*2000×4000
Main motor power	kw	7.5/11,*11/15,*15/18.5	
Axis			
X/Z travel	mm	280/700,1000,1500,2000	
X/Z Rapid traverse	m/min	15/15,×20/20	
Tool post			
Type		4-station toolpost "8-station turret "gang type tooling	
NO. of tool stations	nos	4+2, *8+2, " Driven 12	
Tailstock			
Tailstock type		Manual,Hydraulic	
Taper of quill	MT	MTS	
Travel of tailstock quill	mm	100	
Structure			
Bed type/guideway		FLAT/LM	
Bed width	mm	500	
Others			
Power capacity	KVA	15	
Dimensions (L×W×H)	mm	3200×1600×2010(shortest)	
Weight (about)	kg	4000/4300/4800/5300	

Note: "*" means optional , "N/A" means not available , "LM" means linear motion guide way. Dimensions are only list the shortest length model.
Different chucks and toolposts will affect the real Max. cutting length capacity-
C2C: Spind ie center to Tailstock center; Chuck: Spindle 3 jaws chuck to tailstock; Turret: 3 jaws chuck to tailstock while configured with 8/12 stations turret.

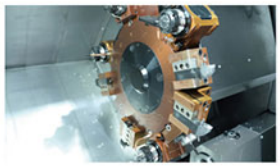
Standard Features

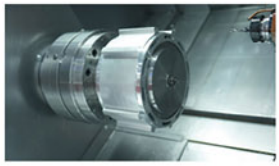
- ☐ Manual 3-Jaw Chuck
- ☐ 4-Station Tool Post Plus Gang Tool Plate
- ☐ Manual Tailstock
- ☐ Manual Tailstock
- ☐ Ergonomic Operator Panel Design & MPG
- ☐ Automatic Lubrication System
- ☐ Automatic Coolant System
- ☐ Work Lamp & Built-In Safety Features
- ☐ Work Lamp & Built-In Safety Features

Optional Features

- ☐ Different Chucks Different Control Systems
- ☐ a-Station Turret (except FTL300) a Hydraulic Tailstock
- ☐ Bar Feeder
- ☐ C Axis & Live Tooling
- ☐ C Axis & 12 station Power Turret (for big model)

Slant Bed CNC Lathe





Specifications	Unit	S-DT-30H		S-DT-40H		S-DT-60HY
Max.swing diameter over bed	mm	φ480		φ580		φ920
Max turning diameter(Shaft/Disc)	mm	φ280/φ300		φ350/φ350		φ600/φ440
Max.turning length	mm	300		555/1055		1000
Guideway		Linear guideway		Linear guideway		Box way
Spindle						
Type of spindle nose		A2-5	OPT:A2-6	A2-6	OPT:A2-8	A2-8
Chunk size	inch	6	8	8	10	12
Spindle speed range	rpm	5000	4500	4000	3500	3000
Spinld bore	mm	φ63	φ63	φ70	φ87	φ97
Max .bar capacity(Equipped with through-hole hydraulic chuck)	mm	φ45	φ47	φ51	φ73	φ82
Spindle motor power	KW	7.5/11		11/15		18.5/22
Travel						
Max.travel of X axis	mm	170		215		395
Max.travel of Z(Y)axis	mm	300		555/1055/ITALY 445/945(CHINA)		1090(±60)
Rapid traverse X/Z(Y)axis	m/min	30/30		30/30		24/24(12)
Tool post						
Turret type and tool numbers		Live tooling 12-position turret		Living tooling 12-position turret		Living tooling 12-position turret
Toll shank size	mm	20×20		25×25		25×25
Indexing time(adjacent/farthest)	s	0.31/0.76		0.49/0.96(ITALY)		0.84/1.42
Tailstock						
Diameter of tailstock quill	mm	φ70		φ85		φ100
Tailstock quill stroke		120		140		120
Accuracy						
X/Z(C,Y)axis positioning accuracy	mm	0.005/0.005 C:44"		0.005/0.007,0.008(C:31")		0.005/0.008 C:31" Y:0.005
X/Z(C,Y)axis positioning accuracy	mm	0.003/0.003 C:18"		0.003/0.004 0.005(C:13")		0.003/0.005 C:13" Y:0.003
Controller						
CNC Controller		FANUC OIL-TF(5Plus,FANUC Oil-TF(1)Plus,Siemens Sinumerik 828D)				FANUC OI-TF Plus(1)
General						
Machine dimension(L×W×H)Without chip conveyor	mm	2360×1720×1835(300)		2922×1900×2010(600) 3422×1900×2010(1000)		6320×2462×2720(1000)
Machine weight	kg	4000/4800		5300/6300		13000

Standard configuration

- ☐ Hydraulic 12-position turret for DTS series
- ☐ Domestic or Italy 12-position live tooling turret for S-DT-H series
- ☐ NSK spindle bearings and X/Z axis bearings
- ☐ X/Z THK ball screw & X/Z THK linear guideways
- ☐ Non through-hole hydraulic chuck
- ☐ Hydraulic Tailstock
- ☐ Heat exchanger
- ☐ Chain-type chip conveyor
- ☐ Automatic lubrication system
- ☐ AutStandard toolkit

Optional

- ☐ Screw drive tailstock
- ☐ Tool presetter
- ☐ Air conditioner
- ☐ Oil mist separate
- ☐ Through-hole hydraulic chunk and cylinder
- ☐ Bar feeder and parts catcher
- ☐ Domestic Hydraulic steady rest
- ☐ Germany hydraulic steady rest
- ☐ Automatic door

Slant Bed CNC Lathe

Specifications	Unit	L-DL-25MH	L-DL-32MH	L-DL-40MH
Max.swing diameter over bed	mm	φ520	φ680	φ900
Max turning diameter (Shaft/Disc)	mm	φ310/φ500	φ440/φ590	φ600/φ440
Max.turning length	mm	1000/1500	950/1450/1950/2950	950/1450/1950/2950
Guideway		Box way OPT:Linear Guideway(1000)	Box way	Box way
Spinlde				
Chunk size	inch	10	15	15
Type of spindle nose		A2-8	A2-11	A2-11
Spindle speed range	rpm	3500	2000	1500
Spinld bore	mm	φ87	φ100	φ130
Max .bar capacity (Equipped with through-hole hydraulic chuck)	mm	φ74	φ80	φ80
Spindle motor power	KW	18.5/22	22/30	22/30
Travel				
Max.Cross travel of X axis	mm	260	375	435
Max.Cross travel of Z axis	mm	1040/1600	1020/1520/2020/3020	1020/1520/2020/3020
Rapid traverse X/Z axis	m/min	12/12 Box way 24/16 Linear Guideway	12/16	12/16
Tool post				
Turret type and tool numbers		Live tooling 12-position turret	Living tooling 12-position turret	Living tooling 12-position turret
Toll shank size	mm	25×25	32×25	32×25
Indexing time(adjacent/farthest)	s	0.94/1.33	0.94/1.33	0.94/1.33
Tailstock				
Diameter of tailstock quill	mm	φ100	φ160	φ160
Tailstock quill stroke	mm	139	180	180
Accuracy				
X/Z(C,Y)axis positioning accuracy	mm	0.011(44")	0.011(44")	0.011(44")
Z axis repeatability accuracy	mm	0.018/0.021	0.018/0.021/0.021/0.021	0.018/0.021/0.021/0.021
X axis repeatability accuracy	mm	0.004(18")	0.004(18")	0.004(18")
Z axis positioning accuracy	mm	0.007/0.009	0.007/0.009/0.009/0.009	0.007/0.009/0.009/0.009
Controller				
CNC Controller		FANUC OI-TF(1)Plus SIEMENS 828D		
General				
Machine dimension(L×W×H)Rear chip conveyor Without chip conveyor	mm	5010×2020×2110(1000) 5200×2020×2110(1500)	5962×2095×2215(1000) 6461×2153×2268(1500) 6961×2153×2268(2000) 8349×2376×2383(3000)	5962×2312×2455(1000) 6461×2374×2505(1500) 6961×2376×2505(2000) 8349×2599×2618(3000)
Machine weight	kg	7800/8300	11000/12000/13000/14500	11500/12500/13500/15000

Standard Features

- ☐ Hydraulic 12-position turret for S-DL-M series
- ☐ Italy 12-position live tooling turret for S-DL-MH series
- ☐ NSK spindle bearings and X/Z axis bearings
- ☐ X/Z THK ball screws & X/Z THK linear guideways
- ☐ Non through-hole hydraulic chuck
- ☐ Hydraulic tailstock
- ☐ Heat exchanger
- ☐ Automatic lubrication system
- ☐ One Axial and radial power tool holder for DL-MH series
- ☐ Standard toolkit

Optional Features

- ☐ Tool presetter
- ☐ Oil mist separator
- ☐ Bar feeder and parts catcher
- ☐ Germany hydraulic steady rest
- ☐ Air conditioner
- ☐ Through-hole hydraulic chunk and cylinder
- ☐ Domestic hydraulic steady rest
- ☐ Automatic door

Hard Rail Flat Bed CNC Lathe

Specifications	Unit	L-FTH6130			L-FTH6136			L-FTH6150		
Capacity										
Chuck size	inch	6"			8"			12"		
Max.Swing dia over bed	mm	φ300			φ350,*φ400			φ500		
Max.length of workpiece	mm	400(collet),300(chuck)			500,*650 Centers			750/1000/1500/2000 Centers		
Max.swing dia .over slide	mm	φ150			φ200			φ290		
Spindle										
Spindle bore	mm	φ48	*φ55	*φ62	φ55	*φ62	*φ75	φ83	*φ105	*φ120
Max dia of through hole	mm	φ40	*φ46	*φ52	φ46	*φ52	*φ65	φ75	*φ91	*φ110
Spindle nose		A2-5	*A2-5	*A2-6	A2-5	*A2-6	*A2-8	A2-8	*A2-11	*A2-11
Spindle speed	rpm	3000	*2500	*2000,*4000	2500	*2000	*1600	1600,*2500	*1000,*2000	*1000
Main motor power	kw	3.7,*5.5			5.5,*7.5			7.5,*11,*15		
Axis										
X/Z travel	mm	280			320			320		
Z axis travel	mm	400			500.*650			750/1000/1500/2000		
X/Z Rapid traverse	mm	9/12			9/12			9/15		
Tool post										
Type of toolpost		4-station toolpost, *gang type			4-station toolpost, *gang type *8-station turret			4-station toolpost, *gang type *8-station turret		
NO. of tool stations	nos	4			4			4		
Tool shank size	mm	20×20			25×25			32×32		
Tailstock										
Tailstock type		Manual,*Hydraulic			Manual,*Hydraulic			Manual,*Hydraulic		
Taper of quill		MT3×MT4			MT4			MT5		
Travel of tailstock quill	mm	100			100			130		
Travel of tailstock	mm	350			400/550			600/850/1350/1850		
Structure										
Bed type/guideway		280			340			410		
Bed width		Hard way			Hard way			Hard way		
Others										
Power capacity	KVA	9			11			15		
Dimensions (L×W×H)	mm	1540×1010×1570			2350(2410)×1600×1750			2725(2975)(3475)(3970)×1760×1910		
Weight (about)	kg	1500			2050/2300			3300/3550/4050/4650		

Note:"*" means optional. "Centers" means the d istance between s pindle center to tail stock Center, chuck to center d istance will be less a round 120-200 mm.

Standard Features

- ☐ Manual 3-Jaw Chuck
- ☐ 4-Station Tool Post
- ☐ Manual Tailstock
- ☐ Ergonomic Oper at or Panel Design & MPG
- ☐ Automatic Lubrication System
- ☐ Automatic Coolant System
- ☐ Work Lamp & Built-In Safety Features

Optional Features

- ☐ Different Chucks a 8-Station Turret
- ☐ Different Control Systems a Hydraulic Tailstock
- ☐ Bar Feeder
- ☐ C Axis & Live Tooling
- ☐ Steady Rest &Hydraulic follow rest Gear Box

Manual Lathe

Specifications		Unit	L-CDS6150B/C	L-CDS6250B/C	L-CDS6166B/C	L-CDS6266B/C
Max swing diameter over bed		mm	φ500		φ660	
Max swing diameter over cross slide		mm	φ290		φ440	
Max swing diameter in gap		mm	-	φ760	-	φ870
length in gap		mm	-	280	-	280
Max workpiece length		mm	1000/1500/2000/3000			
Max cutting length		mm	950/1450/1950/2950			
Bed guideway width		mm	394			
Spindle						
Spindle nose			D8			
Spindle bore		mm	CDS-B Metric 90(1:20)/CDS-Cφ105			
Taper of spindle torque		Nm	1100			
Chunk size		mm	CDS-B φ250/CDS-C φ315		φ315	
Max.Spinld torque		Nm	1100			
Spinld speed ranges		rpm	CDS-B 26-2000(16 Speeds)/CD-C 26-1700(16 Speeds)			
Spinld centre height		mm	250		325	
Spinld motor power		kw	7.5(10HP)			
Tailstock						
Diameter of tailstock quill		mm	φ75			
Travel of tailstock quill		mm	150			
Taper of tailstock quill			No.5 MT			
Feeds&Threads(metric screw inch screw)						
Longitudinal feed		mm/r	0.044-1.48(45Kinds);0.044-0.148in/rpm(45 kinds)			
Cross feed		mm/r	0.022-0.74(45 kinds);0.031~0.092in/rpm (45 kinds)			
Metric threads		mm	0.5~80(73 Kinds ×53Kinds)			
Modular threads		mm	0.5~40(45 kinds ×66kinds)			
Inch threads		TPI	7/16~80(47 Kinds ×47Kinds)			
Diameter pitch threads		DP	7/8~160(47 Kinds ×48 Kinds)			
Tool post						
Max.tool shank size		mm	25×25			
Travel of top slide		mm	150			
Swivel angle of top slide		°	±45°			
Max.Travel of Tool post	X-aixs	mm	315		340	
	Z-aixs	mm	950/1450/1950/2950		950/1450/1950/2950	
Machine dimension(L×W×H)		mm	2930×1223×1295(1000)		2930×1223×1370(1000)	
			3430×1223×1295(1500)		3430×1223×1370(1500)	
			3930×1223×1295(2000)		3930×1223×1370(2000)	
			4930×1223×1295(3000)		4930×1223×1370(3000)	
Machine weight		Kg	2170/2420/2620/3120		2500/2700/2900/3400	

Standard accessories

- ☐ 3-Jaw chunk
- ☐ Rear splash guard
- ☐ Tool post guard
- ☐ Fixed center of tailstock
- ☐ 4-way tool post
- ☐ Chunk guar
- ☐ Foot brake
- ☐ Standard toolkit&Oil gun

Optional

- ☐ 4-Jaw Chunk
- ☐ Spindle center and center sleeve
- ☐ Face plate
- ☐ Tread dial
- ☐ Eletromagnetic brake
- ☐ 11Kw spindle motor
- ☐ Gear for special thread（Metric machine）
- ☐ Stead rest&Follow rest
- ☐ Quick-change tool post
- ☐ Live center of tailstock
- ☐ Large-sized Steady rest&Follow rest
- ☐ Drive Plate Electromagnetic clutch
- ☐ DRO Taper-turnning attachment
- ☐ Carrige stop
- ☐ Anti-vibration/Adjustable pads

Manual Lathe

Specifications	Unit	L-CW6263E	L-CW6280E	L-CW62100E
Max swing diameter over bed	mm	φ630	φ800	φ1000
Max swing diameter over cross slide	mm	φ350	φ480	φ710
Max swing diameter in gap	mm	φ800	φ1000	φ1230
length in gap	mm	350	350	350
Max workpiece length	mm	1000/1500/2000/3000/4000/5000/6000		
Max cutting length	mm	600/1100/1600/2600/3600/4600/5600		
Bed guideway width	mm	550		
Spindle				
Spindle nose		C11×D11		
Spindle bore	mm	φ100(C11)×φ105(D11)Opt:φ130(C11/D11)		
Taper of spindle torque	Nm	φ315	φ400	φ400
Chunk size	mm	Metric 120(1:20) Opt:φ130-Metric 140(1:20)		
Max.Spinld torque	Nm	2400		
Spinld speed ranges	rpm	7.5-1000(18 Speeds)		
Spinld centre height	mm	315	400	515
Spinld motor power	kw	7.5(10HP)		
Tailstock				
Diameter of tailstock quill	mm	φ100		
Travel of tailstock quill	mm	250		
Taper of tailstock quill		No.6 MT		
Feeds & Threads(metric screw; inch screw)				
Longitudinal feed (Metric screw)	mm/r	64 Speeds 1/1 0.1~1.52;16/1 1.6~24.3		
Longitudinal feed (inch screw)	in/r	64 Speeds×1/1 0.0019~0.0612×16/1 0.0305~0.98		
Cross feed	mm/r	1/2 times of the longtitudinal feed		
Metric threads(Metric screw)	mm	0.5~240(52 kinds)	1~240(50 Kinds)	0.5~240(52 Kinds)
Metric threads(inch screw)	mm	1~256(57 kinds)	1~256(57 Kinds)	1~256(57 Kinds)
Modular thread	mm	0.5~120(53 kinds) ×0.5~128(57 kind)		
Inch threads	TPI	28~1(34 kinds)×32~1/16(67 kinds)	14~1(26 kinds)×32~1/16(67 kinds)	28~1(34 Kinds)×32~1/16(67 kinds)
Diameter pitch threads	DP	28~1(57 kinds)×352~1/8(57 kinds)		
Tool post				
Max.tool shank size	mm	30×30		
Travel of top slide	mm	200		
Swivel angle of top slide	°	±90°		
Machine dimension(L×W×H)	mm	3180×1340×1830(1000)	3180×1380×1830(1000)	3180×1460×1830(1000)
		3630×1340×1830(1500)	3630×1380×1830(1500)	3630×1460×1830(1500)
		4230×1340×1830(2000)	4230×1380×1830(2000)	4230×1460×1830(2000)
		5130×1340×1830(3000)	5130×1380×1830(3000)	5130×1460×1830(3000)
		6040×1430×1830(4000)	6040×1470×1830(4000)	6040×1550×1830(4000)
		7120×1430×1830(5000)	7120×1470×1830(6000)	7120×1550×1830(5000)
		8240×1430×1830(6000)	8240×1470×1830(6000)	8240×1550×1830(6000)
Machine weight	Kg	44050/4350/4650/ 5150/5950/6650/7450	4250/4550/4850/ 5350/6650/7350/7850	4500/4800/5100/ 5600/6950/7450

Standard accessories

- ☐ 3-Jaw chunk
- ☐ Chunk guard
- ☐ Wedge block
- ☐ 4-way tool post
- ☐ Tool post guard
- ☐ Standard toolkit&Oil gun

Optional

- ☐ 4-Jaw Chunk
- ☐ Quick-change tool post
- ☐ Spindle center and center sleeve
- ☐ Face plate
- ☐ Taper-turning attachment
- ☐ Diameter of spindle bore φ130
- ☐ 15Kw spindle motor
- ☐ Stead rest&Follow rest
- ☐ Foot brake(1m-3m) Available
- ☐ Rear splash guar
- ☐ Live center of tailstock
- ☐ Thread dial
- ☐ DRO
- ☐ Large-sized steady rest
- ☐ Anti-vibration/ Adjustable pads

Manual Lathe

Specifications	Unit	L-CW61100M	L-CW61125M	L-CW61140M	L-CW61160E
Max swing diameter over bed	mm	φ1000	φ1250	φ1400	φ1600
Max swing diameter over cross slide	mm	φ630	φ880	φ1030	φ1230
Max workpiece length	mm	1500/3000/4000/5000/6000/8000			
Max cutting length	mm	1300/2800/3800/4800/5800/7800			
max.workpiece weight	kg	6000(Opt:8000 10000)			
Bed guideway width	mm	755			
Spindle					
Spindle nose		A2-15			
Spindle bore	mm	φ130			
Chunk size	mm	φ1000	φ1000	φ1250	φ1600
Taper of spindle bore	Nm	Metric 140(1:20)(With No.6Mt Reducing sleeve)			
Max.Spinld torque	Nm	10.5kNm(22kw)Opt:12.5kNm(30kw)			
Spinld speed ranges	rpm	3.15~315(21 speeds) (Reversal 4.5~390 12 Speed)			
Spinld centre height	mm	500	625	700	800
Spinld motor power	kw	22 Opt:30			
Tailstock					
Diameter of tailstock quill	mm	φ160(Max.workpiece weight 6T);Opt:φ200Max,workpiece weight 8T,φ240 Max,workpiece weight 10T			
Travel of tailstock quill	mm	300			
Taper of tailstock quill	mm	Metric 80(With No.6MT Reducing sleeve)Opt:No.6 MT(φ200&240)			
Feeds & Threads(metric screw; inch screw)					
Longitudinal feed	mm/r	0.1~12(56 Kinds);×0.0032~0.40in/rpm(56 Kinds)			
Cross feed	mm/r	0.05~6(56 Kinds);×0.0016~0.20in/rpm(56 Kinds)			
Metric threads	mm	1~120(52 Kinds);×1~120(52 Kinds)			
Modular threads	mm	0.5~60(46 Kinds);×0.5~60(46 Kinds)			
Inch threads	TPI	1/4~30(43 Kinds);×1/4~30(43 Kinds)			
Diameter pitch threads	DP	1/2~60(49 Kinds);×1/2~60(49 Kinds)			
Tool post					
Tool shank size	mm	45x45			
Travel of top slide	mm	300			
Machine dimension(L×W×H)	mm	4450×1855×1890(1500)	4450×1955×2015(1500)	4450×2010×2160(1500)	4450×2110×2355(1500)
		5950×1855×1890(3000)	5950×1955×2015(3000)	5950×2010×2165(3000)	5950×2110×2355(3000)
		6950×1855×1890(4000)	6950×1955×2015(4000)	6950×2010×2165(4000)	6950×2110×2355(4000)
		7950×1855×1890(5000)	7950×7955×2015(5000)	7950×2010×2165(5000)	7950×2110×2355(5000)
		8950×1855×1890(6000)	8950×1955×2015(6000)	8950×2010×2165(6000)	8950×2110×2355(6000)
		10950×1855×1890(8000)	10950×1955×2015(8000)	10950×2010×2165(8000)	10950×2110×2355(8000)
Machine weight	Kg	9650/11000/11900/ 12800/13700/15500	10650/12000/12900/ 13800/14700/16500	11350/12700/13600/ 14500/15400/17200	12050/13400/14300/ 15200/16100/17900

Standard accessories

- ☐ 4-Jaw chunk
- ☐ Live&fixed center of tailstock
- ☐ Tool post guard
- ☐ Anchor bolt
- ☐ 4-way tool post
- ☐ Spindle center and center sleeve
- ☐ Chunk guard
- ☐ Standard toolkit&Oil gun

Optional

- ☐ Thread dial
- ☐ 30kw spindle motor
- ☐ Large-sized steady rest
- ☐ Heady duty tailstock
- ☐ Anti-vibration/Adjustable pads
- ☐ Quick-change tool post
- ☐ DRO
- ☐ Electrical tailstock
- ☐ Roller device
- ☐ Steady rest&Follow rest

Vertical Lathe - CNC Single Column Vertical Lathe

Specifications	L-CK5112F x H/W	L-CK5116F x H/W	L-CK5120F x H/W
Max.machining diameter(mm)	φ1250	φ1600	φ2000
Max.height of workpiece(mm H x 100)	H=10/12/14	H=10/12/14/16	H=10/12/14/16
Max.weighi of workpiece(t)	W=3.2/5	W=5/8	W=8
Diameter of workbench(mm)	φ1000	φ1400	φ1800
Workbench speed/steps(r/min)	16 Steps/Stepless	16 Steps/Stepless	16 Steps/Stepless
Range of workbench rotating speed (r/min)	6.3-200	5-160	3.15-100
Max.torque of workbench(N.m)	10000	20000	30000
Travel of crossbeam(mm)	650/850/1050	650/850/1050	650/850/1050
Crossbeam lifting speed(mm/min)	660	660	660
Crossbeam lifting motor power(KW)	2.2	2.2	2.2
Horizontal stroke of tool holder(mm)	850	1000	1200
Vertical stroke of tool holder(mm)	850/1000	850/1000	850/1000
Feed steps ot tool holder	Stepless	Stepless	Stepless
Feed range of tool holder(r/min)	0.1—1000	0.1—1000	0.1—1000
Rapid traverse speed of tool holder(mm/min)	3000	3000	3000
Max.cutting force ol vertical tool holder(N)	10000	20000	25000
Section ot tool shank(mm)	40x40	40X40	40X40
Main motor power‹KW)	22(16 Steps)/37(Stepless)	30(16 Steps)/45(Stepless)	37(16 Steps)/45(Stepless)
Weight of la he(appprox.)t	10/12	12/13.5/15/16.5	15/17/19/21
CNC system	SIMENS 828D (FANUC 0I-TF+GSK980TDI)	SIMENS 828D (FANUC 0I-TF+GSK980TDI)	SIMENS 828D (FANUC 0I-TF+GSK980TDI)
Workbench guideway form	Rolling guide/slide guide	Rolling guide/slide guide	Slide guide
Full closed-loop 0onTrol	Option	Option	Option
Semi-encbsed guard,hinge lpye,chip removal system	Option	Option	Option
Ram foms	Square fam/4 Stations turret	Square fam/4 Stations turret	Square fam/4 Stations turret
Hand chucl‹/hydraulic chuck	Option	Option	Option

Vertical Lathe - CNC Double Column Vertical Milling and Turning Machine

Specifications	L-CKX5225D x H/W	L-CKX5240D x H/W	L-CKX5250D x H/W	L-CKX5263D x H/W
Max.machining diameter(mm)	φ2500	φ4000	φ5000	φ6300
Max.height of workpiece(mm H x 100)	H=16/20/25	H=16/20/25/31	H=31/36	H=31/36
Max.weighi of workpiece(t)	W=20	W=20/32	W=50	W=50
Diameter of workbench(mm)	φ2250	φ3600	φ4500	φ5000
Workbench speed/steps(r/min)	2 Steps/Stepless	2 Steps/Stepless	2 Steps/Stepless	2 Steps/Stepless
Range of workbench rotating speed (r/min)	2-63	2-63/1-50	0.5-50	0.5-50
Max.torque of workbench(N.m)	63	80	100	100
Workbench guideway form	Hydraulic guide	"Hydraulic guide	Hydraulic guide	"Hydraulic guide
Travel of crossbeam(mm)	1250/1650/2150	1250/1650/2150/2800	"2650/3100	"2650/3100
Crossbeam lifting speed(mm/min)	350	350	350	350
Crossbeam lifting motor power(KW)	7.5	11	18.5	18.5
Classify location distance of Crossbeam(mm)	200	200	200	200
Classify location steo of crossbean	6/8	6/8/10	14	14
Horizontal stroke of right vertical tool holder(mm)	(-15~1400)	(-15~2150)	(-50~2765)	(-50~3415)
Vertical stroke of right vertical tool holder(mm)	1000/1250/1400	1000/1250/1400	1600	1600
Feed steps of right tool holder(r/min)	Stepless	Stepless	Stepless	Stepless
Feed limits of right tool holder(r/min)	0.1-1000	0.1-1000	0.1-1000	0.1-1000
Rapid traverse speed of right tool holder(r/min)	4000	4000	4000	4000
Max.cutting force of right tool holder (mm/min)	35	35	50	50
Section of right(mm)	250×200	250×200	240×240	240×240
Section of tool shank(mm)	40×50	40×50	50×50	50×50
Horizontal stroke of left vertical tool holder (mm)	(-15~1400)	(-15~2150)	(-15~2765)	(-50~3415)
Vertical stroke of left vertical tool holder(mm)	1000	1000	1000	1000
Feed steps of left tool holder	Stepless	Stepless	Stepless	Stepless
Feed limits of left tool holder(r/min)	0.1-1000	0.1-1000	0.1-1000	0.1-1000
Rapid traverse speed of tool holder (mm/min)	4000	4000	4000	4000
Max.cutting force of left vertical tool holder(KN)	28	28	35	35
Section of left ram(mm)	250×250	250×250	250×250	250×250
Speed range of left tool holder milling spindle-angle milling spindle(r/min)	20~1000	20~1000	20~1000	20~1000
Taper hole of milling spindle	BT50	BT50	BT50	BT50
Rotation speed limits of C-axisr/min	0.001~2	0.001~2	0.001~2	0.001~2
Positioning accuracy(C-axis)	±5"	±5"	±5"	±5"
Repeated position accuracy (C-axis)	±3"	±3"	±3"	±3"
CNC system	SIMENS840DSL	SIMENS840DSL	SIMENS840DSL	SIMENS840DSL
Main motor power(KW)	60	60	60	60
Weight of lathe(approx.)t	40	60/62/64	110	130
Overall dimensions of lathe (L×W×H)mm	5700×5130×5400	7300×5130×5400 7300×5130×5800 7300×5130×6300	10000×13500×8500	15750×8000×8700

Vertical Lathe - Single Column Vertical Lathe

Specifications	L-C5112D x H/W	L-C5116D x H/W	L-C5120D x H/W
Max.machining diameter(mm)	φ1250	φ1600	φ2000
Max.height of workpiece(mm H x 100)	H=10/14	H=10/14/16	H=10/14/16
Max.weighi of workpiece(t)	W=3.2/5	W=5/8	W=8
Diameter of workbench(mm)	φ1000	φ1400	φ1800
Workbench speed/steps(r/min)	6.3-2000/16 Steps	5-160/16 Steps	3.15-100/16 Steps
Max.torque of workbench(KN×m)	20	25	30
Travel of crossbeam(mm)	650/1000	650/1000/1200	650/1000/1200
Crossbeam lifting speed(mm/min)	660	660	660
Crossbeam lifting motor power(KW)	2.2	2.2	2.2
Horizontal stroke of tool holder(mm)	700	915	(-10~1200)
Vertical stroke of tool holder(mm)	650/800	800/900(pentagonal turret) 1000(square ram, octagonal ram)	800/900(pentagonal turret) 1000(square ram, octagonal ram)
Swivelling angle of tool holder	±30°	±30°	±30°
Horizontal stroke of tool holder	500	630	
Horizontal stroke of side tool	900	900	
Max.machining diameter of side tool holder(mm)	φ1100	φ1400	
Feed range of tool holder(r/min)	0.8-86	0.8-86	0.8~86
Max.cutting force of tool holder(KN)	17.5	25	25
Rapid traverse speed of tool holder(mm/min)	1800	1800	1800
Feed steps of tool holder	12 steps	12 steps	12 steps
Main motor power	1.3/1.8	1.3/1.8	1.3/1.8
Main motor power(KW)	22	30	37
Section of tool shank (mm)	30×40	30×40	30×40
Workbench guideway form	rolling guide/slide guide	rolling guide/slide guide	Slide guide
Ram forms	pentagonal turret/square ram/ octagonal ram	pentagonal turret/square ram/ octagonal ram	pentagonal turret/square ram
Weight of lathe(approx.)t	8.5/9.5	12.7/13.5/13.8	16
Overall dimensions of lathe (L×W×H)mm	2770×3450×3400 2770×3450×3900	2660×2740×3550 2660×2740×3950 2660×2740×4150	3410×2900×3700
Protective device, coolant system, chip removal system	Option	Option	Option
DRO control	Option	Option	Option
PLC	Option	Option	Option
Hydraulic chuck	Option	Option	Option

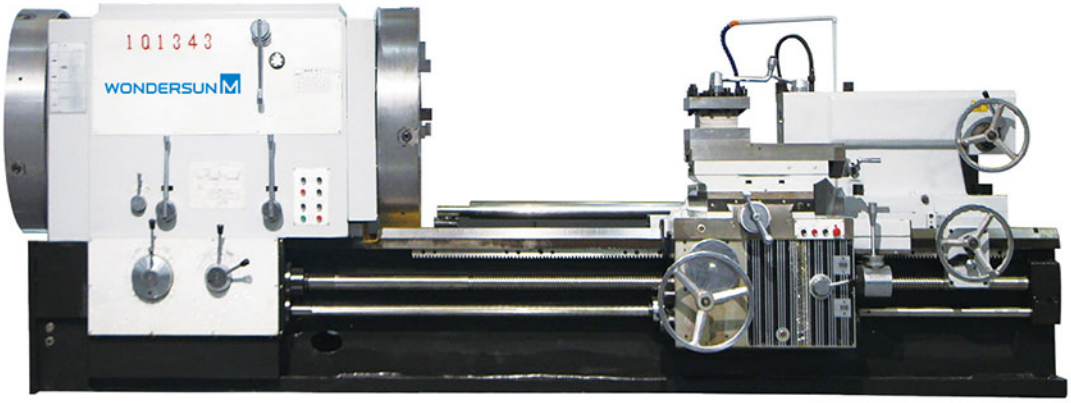
Vertical Lathe - Double Column Vertical Lathe

Specifications	L-C(X)5225D x H/W	L-C(X)5240D x H/W	L-C5250xH/W	L-C5263xH/W
Max.machining diameter(mm)	φ2500	φ4000	φ5000	φ6300
Max.height of workpiece(mm H x 100)	H=16/20/25	H=16/20/25/31/36	H=31/36/40	H=31/36/40
Max.weighi of workpiece(t)	W=10/20	W=10/20/32	W=50	W=50/80
Diameter of workbench(mm)	φ2250	φ2830/φ3150/φ3200	φ4500	φ5000/φ5700(W=80)
Workbench speed/steps(r/min)	16 Steps	16/18	Two steps and Stepless	Two steps and Stepless
Workbench rotation speed limits(r/min)	2~63	2-63/1-50	0.5-50	0.5-50/0.32-32
Max.torque of workbench(KN×m)	63	63/80	100	100/150(W=80)
Travel of crossbeam(mm)	1250/1650/2150	1250/1650/2150/2800/3250	2650/3100/3500	2650/3100/3500(W=80)
Crossbeam lifting speed(mm/min)	350	350	310	310/300(W=80)
Crossbeam lifting motor power(KW)	7.5	11	18.5	18.5(W=80)
Horizontal stroke ofleft/right Vertical toolholder(mm)	(-15~1400)	(-15~2150)	(-20~2765)	(-20~3415)
Vertical stroke ofleft/right Vertical toolholder(mm)	1000/1250/1400/1600	1000/1250/1400/1600	1600	1600/2000(W=80)
Feed steps of tool holder	18 steps	18 steps	1~500	1~500
Feed limits of tool holder(r/min)	0.2~145	0.2~145	Stepless	Stepless
Rapidtraverse speed of tool holder(mm/min)	1550	1550	3000	3000
Swivelling angle of tool holder	±30°	±30°	(-15~30°)	(-15~30°)
Section of tool shank (mm)	40×50	40×50	240×240	1280×280(W=80)
Max.cutting force of right Vertical tool holder(Kn)	35	35	50×50	50×50
Max.cutting force of left Vertical tool holder(Kn)	28	28	35	35/50(W=80)
Section of left/right ram(mm)	255×200	255×200	50	50/63(W=80)
Ram form	T Ram	T Ram	Rectangular ram	Rectangular ram
Main motor power(KW)	55	55	75	75/90(W=80)
Weight of lathe(approx.)t	36/38/42	45/48/53/57	100	120/160(W=80)
Vertical stroke	Option(1000/1250/1400)	Option(1000/1250/1400)		
Max.machining diameter of side tool holder (mm)	Option(φ2300)			
Horizontal stroke of side tool holder(mm)	Option(700)			
Vertical stroke of side tool holder(mm)	Option(1200)			
cutting force of side tool holder(KN)	Option(2800)			
Workbench guideway forms	(W=10)Slide guide(W=10) (W=20)hydraulic guide(W=20)	(W=10)Slide guide(W=10)	Hydrostatic guideway	Hydrostatic guideway
DRO control	Option	Option	Option	Option
Protective device	Option	Option	Option	Option
Coolant system	Option	Option	Option	Option
Servo Stepless feeding	Option	Option	Option	Option
PLC	Option	Option	Option	Option

Pipe Threading Lathe (CNC)

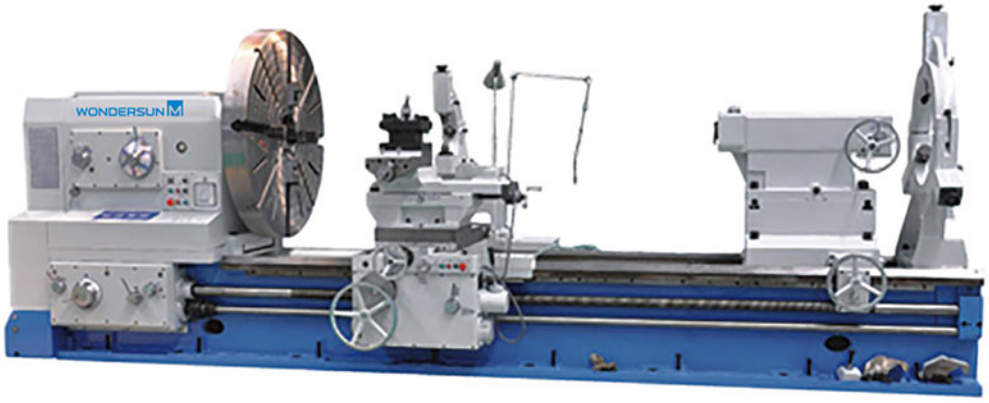
Specifications	Unit	L-QK1332	L-QK1350
Capacity			
Swing over bed	mm	1000	1200
Swing over cross slide	mm	610	710
Distance between center	mm	1500-6000	1500/3000
Pipe threading range	mm	190-320	330-510
Spinld			
Guideway Width	mm	755	765
Max. load Capacity	T	6	6
Spinld bore	mm	330	520
Spinld speed steps	-	VF,3steps	VF.3 steps
Spindle speed range	rpm	10-280	10-200
Chunck	mm	φ780 4-jaw electric	
Turret			
Turret/tool post	-	NC Turret 4 Position	
tool shank size	mm	40×40	50×50
Feed			
X axis travel	mm	520	520
Z axis travel	mm	500-6000	1250/2750
X axis rapid traverse	mm/min	4000	4000
Z axis rapid traverse	mm/min	6000	6000
Tailstock			
Tailstock quill diameter	mm	φ160	φ160
Tailstock quill taper	-	MT6	MT6
Tailstock quill travel	mm	300	300
Motor			
Main spindle motor	KW	22	22
Coolant pump motor	KW	0.25	0.25
Dimension			
Width×Height	mm	2080×2080	2300×2200
Length	mm	5000/9500	5000/6500
Weight			
Net weight	T	11.5/15.9	15.0/16.0

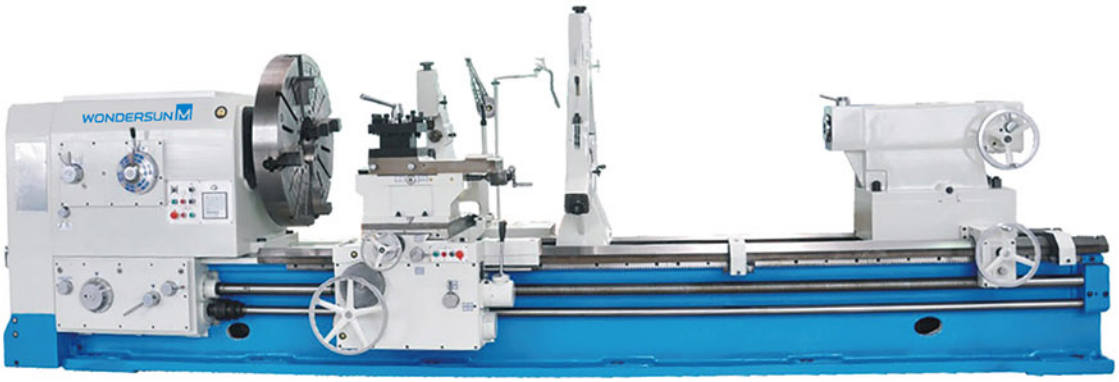
Pipe Threading Lathe (Manual)



Specifications	Unit	L-Q1332	L-Q1350
Capacity			
Swing over bed	mm	1000	1200
Swing over cross slide	mm	610	710
Distance between center	mm	1500/3000	1500/3000
Pipe threading range	mm	190-320	330-510
Spinld			
Guideway Width	mm	755	765
Max. load Capacity	T	6	6
Spinld bore	mm	330	520
Spinld speed steps	-	FWD.9 steps	FWD.9 steps
Spindle speed range	rpm	7.5-280	6-205
Chunck	mm	φ780 4-jaw electric	φ1000 4-jaw electric
Turret			
Turret/tool post	-	Manual 4 position	
tool shank size	mm	45x45	45x45
Feed			
X axis travel	mm	520	520
Z axis travel	mm	1250/2750	1250/2750
X axis feed grade/range	mm/r	32/0.05-0.75	32/0.05-0.75
Z axis feed grade/range	mm/r	32/0.1-1.5	32/0.1-1.5
X axis rapid traverse	mm/min	1870	1870
Z axis rapid traverse	mm/min	3740	3740
Metric thread grade/range	mm	23/1-15	23/1-15
Inch thread grade/range	T.P.I	22/28-2	22/28-2
Tailstock			
Tailstock quill diameter	mm	φ160	φ160
Tailstock quill taper	-	MT6	MT6
Tailstock quill travel	mm	300	300
Motor			
Main spindle motor	KW	22	22
Rapid traverse motor	KW	1.5	1.5
Coolant pump motor	KW	0.125	0.125
Dimension			
Width×Height	mm	2100×1700	2100×1850
Length	mm	4900/6400	5000/6500
Weight			
Net weight	T	11.5/13	15.0/16.5

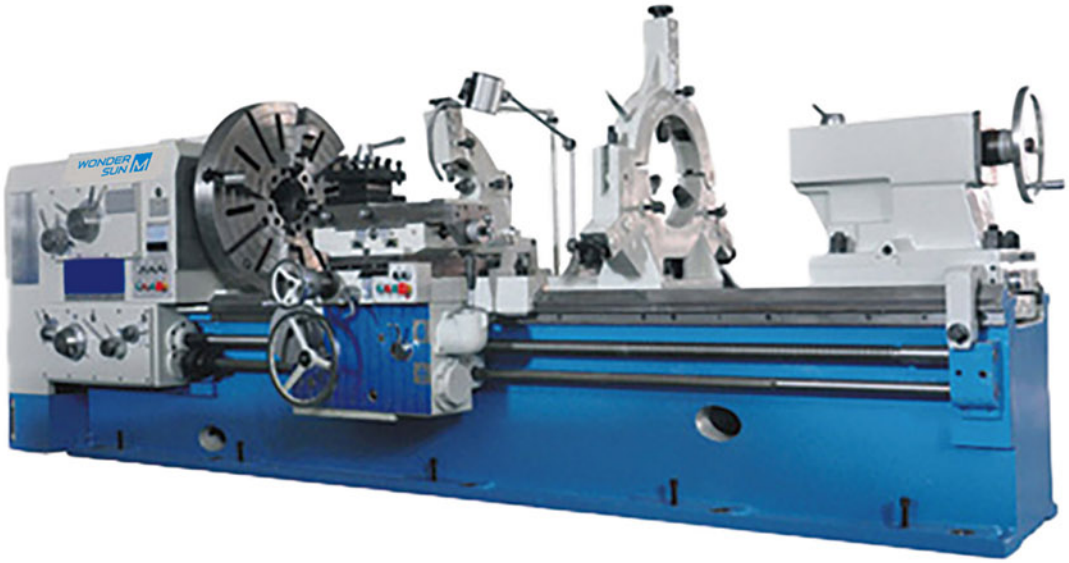
Large Horizontal Lathe

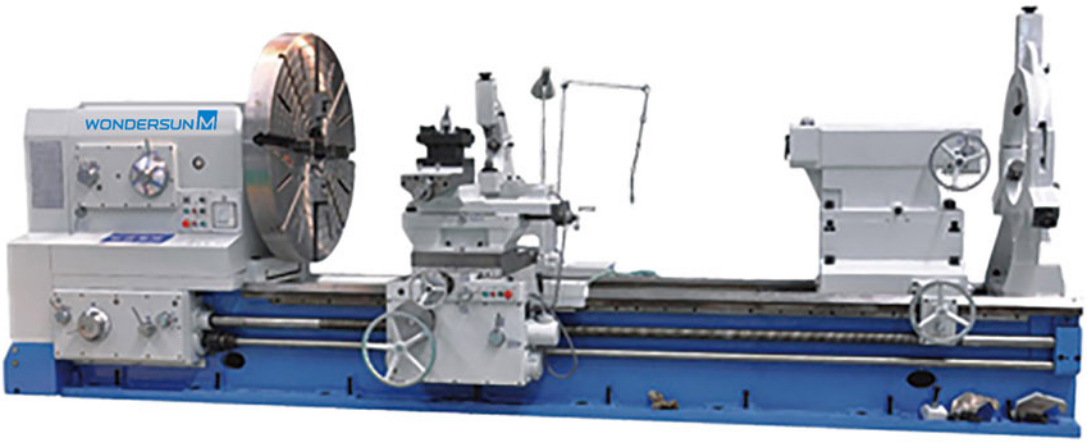




Specifications	Unit	L-CW61125/L-CW61140/L-CW61160	L-CW61125/L-CW61140/L-CW61160/L-CW61180/ L-CW61200/L-CW61220/L-CW61250
Swing over bed	mm	1250/1400/1600	1250/1400/1600/1800/2000/2200/2500
Swing over carriage	mm	880/1080/1200	880/1080/1200/1400/1600/1800/2080
Max.turning Length	m	L=1600, 2000-16000 (unit increase per 1000mm)	
Max.load between centers	ton	15/18	
Bed width	mm	970 Mountain shaped guide rail (heavy)	1100 square guide rail
Spindle speed	rpm	2~200	
Spindle nose	kw	A2-15	
Spindle bore diameter	mm	140; 1:7	
Spindle motor	Kw	DC55	
Section of tool shank	mm	45×45	
Diameter of tailstock quill	mm	240/280	
Max. travel of tailstock sleeve	mm	300	
Travel of tailstock quill	mm	80; 1:7	
Kinds and range of metric threads	-	45, 1~120	
Kinds and range of inch threads	-	42, 30~1/4	
Kinds and range of module threads	-	46, 0.5~60	
Kinds and rangediametral pitch threads	-	48, 60~0.5	
Standard steady rest	-	See attachment	
3m machine weight	kg	23000/25000/27000	23000/25000/27000/29000/31000/33000/35000
Increase weight of each meter	kg	1300	1300

Large Horizontal Lathe





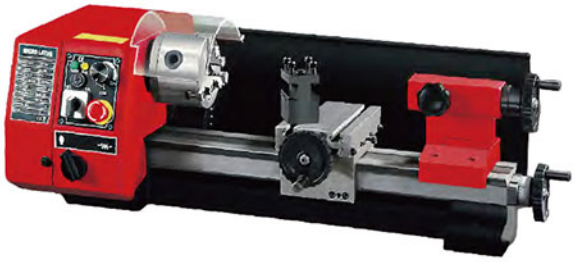
Specifications	Unit	L-CWA6185/100	L-CW61100E/125E
Swing over bed	mm	850/1000	1000/1250
Swing over carriage	mm	520/720	650/900
Max.turning Length	m	16	16
Max.load between centers	ton	4	6,8,10
Bed width	mm	600	755
Spinld speed	rpm	5~630	3.15~315
Spinld motor	kw	AC15/18.5	AC22
Section of tool shank	mm	32×32	45×45
Diameter of tailstock quill	mm	120	160/200
Travel of tailstock quill		MT 6	Metric 80/MT 6
Standard steady rest	mm	40~350	50~470
Weight of lathe with 3m	kg	6300/6800	12000/12500
Additional Weight per	kg	800	1000

Mini Lathe

Specifications	Unit	L-C0
Swing over bed	mm	110
Distance between centers	mm	125
Hole through spindle	mm	10
Hole through tailstock	mm	10
Tailstock screw	mm	M14×1
Cross slide travel	mm	50
Motor output power	W	150
Spindle speed(variable speed)	rpm	100-3800 ±10%
Overall dimension (L×W×H)	mm	440×270×210
Packing Size(L×W×H)	mm	510×380×310
Weight	kg	14/16

Standard Attachment

- ☐ φ50mm 3-jaw
- ☐ chunk Wrench set
- ☐ Oil can



Specifications	Unit	L-C1
Swing over bed	mm	140
Distance between centers	mm	250
Hole through spindle	mm	10
Spindle taper	-	MT2
Tailstock taper	-	MT1
Cross slide travel	mm	50
Range of threads (Metric version)	mm	0.5-1.25 (5 thread pitches)
Range of threads (Imperial version)		16-24 TPI (5 thread pitches)
Motor output power	W	150
Spindle speed(variable speed)	rpm	100-2000±10%
Overall dimension(L×W×H)	mm	620×330×220
Packing size(L×W×H)	mm	690×350×330
Weight (Net/Gross)	kg	23/32

Features

- ☐ Variable speed
- ☐ Over-load protection

Standard Attachment

- ☐ φ80mm 3-jaw chunk
- ☐ MT1 center
- ☐ Wrench set
- ☐ Oil can

Specifications	Unit	L-SC6
Swing over bed	mm	250
Distance between centers	mm	550
Hole through spindle	mm	20
Spindle taper	-	MT3
Tailstock taper	-	MT2
Cross slide travel	mm	110
Range of threads	mm	0.4-3
Motor output power	W	1000
Spindle speed(variable speed)	rpm	125-2000
Overall dimension(L×W×H)	mm	1140×600×450
Packing size(L×W×H)	mm	1170×640×580
Weight (Net/Gross)	kg	145/180

Features

- ☐ Brushless motor
- ☐ Touching switch panel
- ☐ Digital spindle speed readout

Standard Attachment

- ☐ φ125mm 3-jaw chunk
- ☐ Wrench set
- ☐ MT2 center
- ☐ Oil can
- ☐ Change gear set

Mini Lathe (Turning And Milling Multi-Function Machine)

Specifications	Unit	L-M1
Lathe		
Swing over bed	mm	140
Distance between centers	mm	250
Hole through spindle	mm	10
Spindle taper	-	MT2
Tailstock taper	-	MT1
Cross slide travel	mm	50
Range of threads (Metric version)	mm	0.5-1.25 (5 thread pitches)
Range of threads (Imperial version)		16-24TPI (5 thread pitches)
Motor output power	W	150
Spindle speed range	rmp	100-2000±10%
Drill & Milling		
Drilling capactity	mm	10
Spindle taper	-	MT2
Motor output power	W	150
Spindle speed (Variable speed)		
Spindle Low range	rmp	100-1000±10%
Spindle High range	rmp	100-2000±10%
Overall dimension (L×W×H)	mm	620×330×570
Packing size (L×W×H)	mm	700×430×620
Weight (Net/Gross)	Kg	45/51

Standard Attachment

- ☐ φ80mm 3-jaw chunk
- ☐ φ10 mm Drill chunk
- ☐ Wrench set
- ☐ Oil can

Specifications	Unit	L-SM4
Lathe		
Swing over bed	mm	210
Distance between centers	mm	510
Hole through spindle	mm	20
Spindle taper	-	MT3
Tailstock taper	-	MT2
Cross slide travel	mm	100
Compound travel	mm	70
Range of threads (Metric version)	mm	0.25-3.0 (5 thread pitches)
Range of threads (Imperial version)		16-24 TPI (5 thread pitches)
Motor output power	W	1000
Spindle speed	rmp	100-2000±10%
Overall dimension (L×W×H)	mm	1000×550×400
Packing size (L×W×H)	mm	1070×710×530
Weight (Net/Gross)	kg	94/125
Drill & Milling		
Drilling capactity	mm	10
Headstock travel (Z)	mm	230
Spindle taper	-	MT2
Column tilting angle	°	30°L,45°R
Motor output power	W	150
Spindle speed (Variable speed)		
Spindle speed Low range	rpm	100-1000±10%
Spindle speed High range	rpm	100-2000±10%
Overall dimension (L×W×H)	mm	400×320×600
Packing size (L×W×H)	mm	480×400×630
Weight (Net/Gross)	Kg	40/56

Features

- ☐ Brushless motor
- ☐ Touching switch panel
- ☐ Digital spindle speed readout
- ☐ Cross and longitudinal auto feed
- ☐ Cut metric and imperial screw
- ☐ Quick lock tailstock

Standard Attachment

- ☐ φ100mm 3-jaw Chuck
- ☐ MT2 center
- ☐ Oil can
- ☐ Change gear set
- ☐ Wrench set

CNC Horizontal Milling Machine

Specifications	Unit	M-XK6040	M-XK6032
Table size	mm	1700×400	1600×320
Table T slot number / width / spacing	mm	3-18-90	3-18-70
Longitudinal travel	mm	1000	900
Cross travel	mm	350	310
Vertical travel	mm	360	410
Table Longitudinal feed(auto)	mm/min	6-3200	
Table cross feed(auto)	mm/min	6-3200	
Table vertical feed(auto)	mm/min	3-1600	
Distance between spindle and table surface	mm	20-380	55-465
Distance from spindle axis to arm	mm	155	
Spindle hole taper	-	ISO50(7:24)	
Spindle speed step	step	18	
Spindle speed range	r/min	30-1500	
Power of spinld motor	kw	11	7.5
Torque of X/Y/Z aixs AC servo motor	N×m	15/15/23	10/10/18
Overall size	mm	2550×2160×1800	2040×1800×1800
Net Weight	kg	3650	2650

Standard

☐ KND-1000MI

Optional Configuration

☐ Fourth axis (CNC turntable)
☐ CNC indexing head

Specifications	Unit	M-XLK6036C	M-XLK6036CL	M-XLK6036
Spindle hole taper	mm	7:24 ISO 50		7:24 ISO40
Distance between spindle and table surface	mm	10-460		75-475
Distance from spindle axis to arm	mm	175		155
Spindle speed range	mm	12 STPES 60-1800		12 STEPS 35-150
Arm travel	mm	500		-
Table size	mm/min	1325×360	1600×360	1370×300
Table Travel (X/Y/Z)	mm/min	1100/320/450	1300/320/450	820/300/400
Table rapid feed speed	mm/min	4000/4000/3000		4000/4000/3000
T-slot (NO./Width/Pitch)	mm	3/18/70		3/14/80
Main motor power	mm	5.5		3
Torque of X/Y/Z aixs AC servo motor	-	10/10/18		10/10/15
Overall size	mm	2400×2000×1870	2800×2000×1870	1850×1760×1800
Net weight	kg	2465	2510	1850

Horizontal Milling Machine

Specifications	Unit	M-X6140
Table size	mm	1700×400
No.of T-slots		3
Width of T-slots	mm	18
Max.load	kg	800
Longitudinal travel (Manual/auto)	mm	900/880
Cross travel (Manual/auto)	mm	315/300
Vertical travel (Manual/auto)	mm	350/330
Rapid feed speed	mm/min	X: 2300 Y: 2300 Z: 770
Table feed range	mm/min	23.5-1180/23.5-1180/8-394
Spinld speed range	r/mm	30-1500
Spinld speed step	Steps	18
Distance between spinldle axis and table surface	mm	30-380
Power of spindle motor	Kw	11
Overall dimension (L×W×H)	mm	2556×2159×1770
Net weight	kg	3850

Specifications	Unit	M-X6132	M-X6132B	M-X6132H	M-X6132BH
Table size	mm	320×1325	320×1600	320×1325	320×1600
Max Longitudinal Travel (Manual/Automatic)	mm	700/680	900/880	700/680	900/880
Max cross travel (Manual/Automatic)	mm	255/240			
Max Vertical travel (Manual/Automatic)	mm	320/300		320/300	
Max rorary angle of table	°	±45°			
Distance between spindle and table surface	mm	30/350		30/440	
Spindle speed step	steps	18			
Spindle speed range	rmp	30-1500			
Feed range of table travel	steps	18			
Table feed range	mm/min	23.5-1180/23.5-1180/8-394			
Main motor power	Kw	7.5			
Feed motor power	Kw	1.5			
Overall size	mm	2294×1770×1610	2294×2050×1610	2294×1770×1790	2294×2050×1790
Net weight/Gross weight	mm	2650/2950	2740/3040	2850/3150	2940/3240

Horizontal Milling Machine

Specifications	Unit	M-XL6036C	M-XL6036CL
Spindle taper	-	7:24 ISO50	
Distance between spindle nose and table	mm	20-470	
Distance from spindle axis to arm	mm	175	
Horizontal spindle speed range	-	12 Steps 60~1800 rpm	
Table size	mm	1325×360	1600×360
Table travel (X/Y/Z)	mm	1100/320/450	1300/320/450
Table feed (X/Y/Z)	mm/min	8 steps 30-750/20-500/15-375	
Table rapid speed (X/Y/Z)	mm/min	1200/800/600	
T-slots (NO: /width/pitch)	mm	3/18/80	
Arm travel	mm	500	
Main motor power	Kw	5.5	
Torque of X/Y/Z axis AC servo motor	N×m	15	
Overall size	mm	2245×2100×1870	2245×2100×1870
Net weight	kg	2500	2550

Specifications	Unit	M-XQ6032A	M-XQ6032C
Table size	mm	1370×320	
Table travel (X/Y/Z)	mm	820/300/400	1000/380/400
Spindle taper	-	7:24 ISO 40	
Rapid speed of table (X/Y/Z)	mm/min	1335/1335/1000	
Table feed (X/Y/Z)	mm/min	XY:30-830 Z:23-625	
T-slot (No: /Width/Pitch)	mm	3/14/80	
Horizontal spindle speed	r/min	12 Steps 35-1500	
Distance between spindle nose and table surface	mm	75-475	
Distance between spindle axis and column guideway	mm	155	
Main motor	Kw	3	
Torque of X/Y/Z axis AC servo motor	N×m	15	
Overall size	mm	1820×1680×1730	
Net weight	kg	1600	1700

CNC Vertical Milling Machine

Specifications	Unit	M-XK5040	M-XK5032
Table size	mm	1700×400	1600×320
Table T slot (N/WD)	mm	3/18/96	3/18/70
Longitudinal Travel	mm	1000	900
Cross travel	mm	350	310
Vertical travel	mm	375	350
Table longitudinal feed (auto)	mm/min	6-3200	
Table cross feed (auto)	mm/min	6-3200	
Table Vertical feed (auto)	mm/min	3-1600	
Distance between spindle and table surface	mm	90-465	35-385
Spinld hole taper	-	ISO 50 (7:24)	
Spinld speed step	step	18	
Spinld speed range	r/min	30-1500	
Max.swivel angle of head	-	±45°	
Stroke of spindle quill	mm	85	70
Power of spinld motor	kw	11	7.5
Torque of X/Y/Z axis AC servo motor	N×m	15/15/23	10/10/8
Overall size	mm	2760×2160×2250	2040×1800×1910
Net weight	kg	4200	2900

Standard Equipment
☐ SIEMENS808D

Optional Equipment
☐ The fourth axis CNC rotary table
☐ CNC dividing head

CNC System
☐ FANUC, Mitsubishi, GSK980MDC

Specifications	Unit	M-XLK5036C	M-XK5036CL	M-XK5030
Spindle hole taper	-	7:24 ISO50		7:24 ISO40
Distance between spindle and table surface	mm	30-480		35-435
Distance between spindle center line to column	mm	378		285
Spindle speed range	r/min	12 steps 50-1475		12 STEPS 35-1500
Swivel angle of vertical milling head	mm	±30°		±30°
Stroke of spindle quill	mm	70		70
Table size	mm	1325×360	1600×360	1370X300
Table travel (X/Y/Z)	mm/min	1100/320/450	1300/320/450	820/300/400
Table rapid feed speed	mm	4000/4000/3000		4000/4000/3000
T-slot (NO./Width/pitch)	kw	3/18/70		3/14/80
Main motor power	N×m	5.5		3
Torque of X/Y/Z axis AC servo motor	r/min	10/10/18		10/10/15
Overall size	mm	2245×2100×2150	2520×2100×2150	1820×1680×1880
Net weight	kg	2850	2900	1850

Standard Equipment
☐ SIEMENS808D

Optional Equipment
☐ The fourth axis CNC rotary table
☐ CNC dividing head

CNC System
☐ FANUC, Mitsubishi, GSK980MDC

Vertical Milling Machine

Specifications	Unit	M-X5032	M-X5032B	M-X5032H	M-X5032BH
Table Size	mm	320×1325	320×1600	320×1325	320×1600
T-slots (NO./Width/Pictch)	mm	3/18/70			
Longitudinal travel (Manual/auto)	mm	700/680	900/880	700/680	900/880
Cross travel (Manual/auto)	mm	255/240			
Vertical travel (Manual/auto)	mm	370/350		160/440	
Rapid feed speed X/Y/Z	mm/min	2300/1540/770			
Spindle bore diameter	mm	29			
Spindle taper	-	7:24 ISO50			
Spindle speed range	r/min	30-1500			
Spindle speed step	steps	18 Steps			
Stroke of spindle quill	mm	70			
Max swivel angle of vertical milling head	°	±45°			
Distance between spindle nose and table surface	mm	30-400		30-490	
Distance between spindle axis and column guideway	mm	350			
Feed motor powe	kw	1.5			
Main power	kw	7.5			
Overall size (L×W×H)	mm	2294×1770 ×1904	2294×2050 ×1904	2294×1770 ×2084	2294×2050 ×2084
NET Weight	kg	2900/3200	3000/3000		3100/3400

Standard Equipment

☐ SIEMENS808D

Optional Equipment

☐ The fourth axis CNC rotary table
☐ CNC dividing head

CNC System

☐ FANUC, Mitsubishi, GSK980MDC

Specifications	Unit	M-XL5036C	M-XL5036CL
Table Size	mm	1326×360	1326×360
T-slots (NO./Width/Pictch)	mm	3/18/80	
Longitudinal travel (Manual/auto)	mm	1100	1300
Cross travel	mm	320	
Vertical travel	mm	450	
Table feed (X/Y/Z)	mm/min	30-750\20-500\15-375 8 steps	
Table rapid speed (X/Y/Z)	mm/min	1200/800/600	
Spindle taper	-	7:24 ISO50	
Spindle speed range	rpm	50-1475	
Spindle speed step	steps	12 STEPS	
Spindle travel	mm	70	
Max swivel angle of vertical milling head	°	±30°	
Distance between spindle nose and table surface	mm	50-500	
Distance between spindle axis and column guideway	mm	378	
Torque· of X/Y/Z axis AC servo motor	N×m	15	
Main power	kw	5.5	
Overall size (L×W×H)	mm	2245×2100×2150	2520×2100×2150
NET Weight	kg	2900	3000

Specifications	Unit	M-XQ5032A	M-XQ5032C
Table Size	mm	1370×320	
Table Travel (X/Y/Z)	mm	820/300/400	1000/380/400
Distance from spinld nose to work surface	mm/min	35-435	
Spindle hole taper	-	7: 24 ISO40	
Rapid speed of table (X/Y/Z)	mm/min	1335/1335/1000	
Table feed (X/Y/Z)	mm/min	XY: 30-830 Z23-625	
T-slots (NO./Width/Pictch)	mm	3/14/80	
Spindle speed range	r/min	12 Steps 35-1500	
Stroke of Spindle quill	mm	70	
Distance between spindle axis and column guideway	mm	285	
Swivel angle of Vertical milling head	-	±30°	
Main power	kw	3	
Torque· of X/Y/Z axis AC servo motor	N×m	15	
Overall size (L×W×H)	mm	1820×1680×1810	
NET Weight	kg	1600	1650

Turret Milling Machine

Optional selection

☐ variable,combination type and inverter type

Specifications		Unit	M-X6323A	M-X6323B
Table Size		mm	230×1067 (9"×42")	230×1246 (9"×49")
Long Travel		mm	650	850
Cross Travel		mm	305	
Vertical Travel		mm	350	
T-Slot NO.and size		mm	3X16	
Ram Travel		mm	315	
Distance from spindle nose to table surface		mm	0~350	
Spindle hole taper		-	standard: R8 optional: ISO30/ISO40	
Spindle travel		mm	127	
Spindle speed		rpm	standard: shiftgrade 50Hz66-4540 60Hz: 80-5440	
			optional: variable60-4200	
Auto.quill feed		mm/r	three steps: 0.04 (0.0015")/0.08 (0.003") /0.15 (0.006")mm/revolution	
Spindle moto		KW/HP	2.25KW/3HP	
Head swivel		°	90°	
Head tilting		°	45°	
Packaging size	One miller per case	mm	1400×1476×2030	
	Two Miller per case	mm	1450×1570×2080	
	Three miller per case	mm	1450×2180×2080	
G.W/set		kg	1000	1060

Specifications		Unit	M-X6325	M-X6325D
Table Size		mm	254×1370 (10"×54")	
Long Travel		mm	940	
Cross Travel		mm	400	
Vertical Travel		mm	400	
T-Slot NO.and size		mm	3×16	
Ram Travel		mm	470	
Distance from spindle nose to table surface		mm	0~400	
Spindle hole taper		-	Standard: R8 Optional: ISO30/ISO040	Standard: ISO40
Spindle travel		mm	127	
Spindle speed		rpm	Standard; shiftgrade 50HZ66-4540 60HZ: 80-5440	
			Optional: variable60-4200	Optional: variable60-3600
Auto.quill feed		mm/r	three steps: 0.04 (0.0015")/0.08 (0.003") /0.15 (0.006")mm/revolution	
Spindle moto		kw/hp	2.25kw/3hp	3.75kw/5hp
Head swivel		°	90°	
Head tilting		°	45°	45°
Packaging size	One miller per case	mm	1516×1550×2080	
	Two Miller per case	mm	1650×1790×2170	
	Three miller per case	mm	1650×2285×2235	
G.W/set		kg	1200	1490

Specifications		Unit	M-X6330	
Table Size		mm	305×1370 (12"×54")	305×1500 (12"×58")
Long Travel		mm	870	1000
Cross Travel		mm	360	
Vertical Travel		mm	380	
T-Slot NO.and size		mm	3×16	
Ram Travel		mm	500	
Distance from spindle nose to table surface		mm	0~450	
Spindle hole taper		-	Standard: ISO40	
Spindle travel		mm	127	
Spindle speed		rpm	Standard: Shiftgrade 50Hz66~4540 60Hz: 80~5440	
			Optional: veriable 60-3600	
Auto.quill feed		mm/r	three steps: 0.04 (0.0015")/0.08 (0.003") /0.15 (0.006")mm/revolution	
Spindle moto		kw/hp	3.75kw/5hp	
Head swivel		°	90°	
Head tilting		°	45°	
Packaging size	One miller per case	mm	1566×1650×2080	
	Two Miller per case	mm	1720×1800×2175	
	Three miller per case	mm		
G.W/set		kg	1430	1650

Bed-Type Milling Machine

Specifications	Unit	M-X715	M-X716
Spindle hole taper		7:24 ISO 50	
Spindle speed range	r/min	Two Steps,Stepless 6-300,30-1500	
Distance between spindle axis and column guideway	mm	610	8-660
Distance between spindle nose and table surface	mm	10-650	10-700
Distance between spinldle axis and table surface (H)	mm	8-660	
Table size	mm	2100×500	2500×600
T slots	mm	4/20/100	5/20/100
Table Travel-X	mm	1500	1800
Table Travel-Y	mm	650	700
Table Travel-X/Y	mm/min	2.5-3000	
Table feed-Z	mm/min	2.5-2500	
Table rapid feed X/Y/Z	mm/min	6000/6000/3000	
Main motor power	kw	11	
Torque of X/Y/Z axis AC servo motor	Nm	18/23/18	
Cooling pump motor power	W	90	
Overall size (L×W×H)	mm	3220×2420×2800	4380×2520×2800
NET Weight	kg	7300	9000

CNC Boring and Milling Machine

Specifications	Unit	M-TXK160
Table size	mm	1300×600
X-axis travel	mm	1050mm,1500mm (Optional)
Y-axis travel	mm	800
Z-axis travel	mm	500
Spindle taper	-	BT50
Spindle speed	rpm	Max.3000rpm
Spindle motor power	Kw	5.5/7.5 KW
Positioning accuracy	mm	±0.015mm
Respositioning accuracy	mm	±0.005mm
X/Y/Z axis high traverse	mm/min	18000
X/Y axis feed speed	mm/min	1-3000
Z-axis feed speed	mm/min	1-3000
System	-	Mitsubishi E60 M64AS Fanuc,etc
Overall size	mm	2650×3000×2500mm
N.W/G.W	kg	6800/7200kg

Gantry-type Milling Machine

Special configuration

- ☐ Airtight cover
- ☐ DRO
- ☐ Pneumatic tool locking mechanism

Specifications		Unit	M-X2008	
Max travel	Length	mm	2000	3000
	Width	mm	1100	
	Height	mm	800	
Distance between columns		mm	1140	
Table size	Length	mm	2000	3000
	Width	mm	800	
Table feeding speed	Feed	-	infinite	
	Rapid travel	mm	1400	
Spindle taper			7:24 ISO50	
Spindle speed step		r/min	82-505	
Swivel angle of milling head			±35°	
Feed speed of milling head		mm/min	65/320/890	
Milling head travel		mm	350	
Power of spinld motor		kw	7.5	
Power of table motor		kw	4	
Overall size	Length	mm	4000	6000
	Width	mm	3000	
	Height	mm	2300	

Special configuration

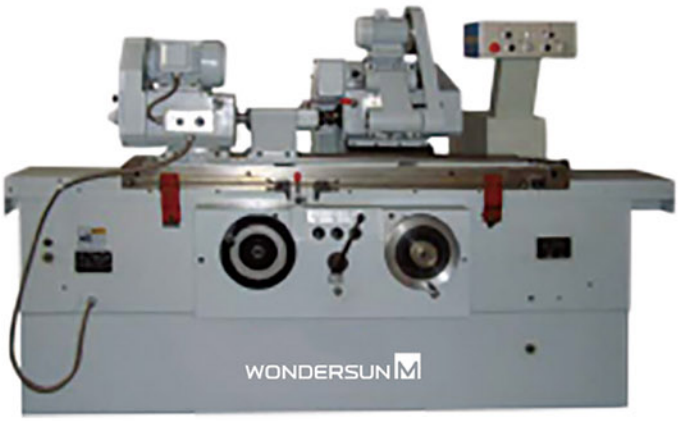
- ☐ Airtight cover
- ☐ DRO
- ☐ Pneumatic tool locking mechanism

Specifications		Unit	M-X2010	M-X2012	M-X2014
Max travel	Length	mm	2000/3000/4000		
	Width	mm	1300	1400	1800
	Height	mm	1000	1000/1200	
Distance between columns		mm	1440	1600	1920
Table size	Length	mm	2000/3000/4000		
	Width	mm	1000	1250	1400
Table feeding speed	Feed	-	20-360	25-450	
	Rapid travel	mm	1050	1300	
Spindle taper			7: 24 ISO 50		
Spindle speed step		r/min	82-505		
Swivel angle of milling head			±35°		
Feed rate of milling head		mm/min	Along the cross rail: 65/320/890 Side Milling head: 50/265/730		
Power of spinld motor		kw	7.5		
Power of table motor		kw	4/5.5/7.5	5.5/7.5 (3000/4000)	
Overall size	Length	mm	4550/7000/9000	5000/7000/9000	
	Width	mm	3200	3550	
	Height	mm	2550	2950/3150	

Cylindrical Grinder (CNC)

Specifications		Unit	G-MKS1320		G-MKS1620		G-MKS1332			G-MKS1632		
Height of center		mm	125				180					
Range of external grinding		mm	Φ5～Φ200				Φ8～Φ320					
Maximum external grinding length		mm	500	750	500	750	750	1000	1500	750	1000	1500
Maximum wordpiece weight between centers		Kg	80				150					
Workhead sindle speed (Stepless)		r/min	30-300				30-300					
Wordhead taper of spindle hole (MT)		-	MT4				MT4					
Tailstock taper of spindle hole (MT)		-	MT4				MT4					
Grinding Wheel (OD×W×ID)		mm	Φ500×(32~63)×Φ203				Φ600×(32~63)×Φ305					
Grinding Wheel Maximum peripheral velocity		m/sec	45/60									
Wheelhead max travel		mm	260				380					
Swiveling angle of worktable	Clockwise	°	3	3	3	3	3					
	Counter-clockwise	°	3	3	3	3	8	7	6	8	7	6
Tailstock quil travel		mm	30				40					
Wheelhead motor power		Kw	7.5				11					
Workhead motor power		Kw	1.1				1.5					
Net weight		Kg	3500	4000	3500	4000	4200	5100	6200	4200	5100	6200
Gross weight		Kg	4100	4600	4100	4600	5000	5900	7100	5000	5900	7100
Overall dimensions	Length	mm	3100	3300	3100	3300	3300	3600	4100	3300	3600	4100
	Width	mm	2300				2300					
	Height	mm	2200				2200					

Cylindrical Grinder (Manual)



Specifications		Unit	G-M1320/MM1320/MG1320		G-M1420/MM1420/MG1420	
Height of center		mm	125		125	
Distance between Centers		mm	520	765	520	765
Maximum swiveling diameter		mm	240		240	
Maximum external grinding length		mm	500	750	500	750
Range of external grinding		mm	Φ5～Φ200		Φ5～Φ200	
Range of internal grinding		mm	-		Φ13～Φ80	
Maximum internal grinding depth (over 45mm)		mm	-		125	
Maximum wordpiece weight between centers		Kg	50			
Workhead swiveling angle		°	-		±90	
Workhead sindle speed		r/min	18-200			
Wordhead taper of spindle hole (MT)		-	MT 4			
Tailstock taper of spindle hole (MT)		-	MT 4			
Grinding Wheel (OD×W×ID)		mm	400×(32～50)×203			
Grinding Wheel Maximum peripheral velocity		m/sec	35			
Wheelhead rack fast feeding		mm	35			
Wheelhead max travel		mm	105			
Wheelhead swiveling angle		°	±3			
Wheelhead travel hand feel per.rev		mm	M rough: 1			
			MM rough: 1 fine: 0.1			
			MG rough: 1 essence: 0.1			
Wheelhead travel hand feel per.gra		mm	M rough: 0.005			
			MM rough: 0.005 fine: 0.001			
			MG rough: 0.005 fine: 0.001			
Internal grinding device spindle speed		r/min	-		10000~18000	
Swiveling angle of worktable	Clockwise	°	9	8	9	8
	Counter-clockwise	°	9	8	9	8
Wheelhead travel hand feel per.rev		mm	≈10			
Tailstock quill travel		mm	≈25			
Wheelhead motor power		Kw	4			
Workhead motor power		Kw	0.75			
Workhead motor power		Kw	-		0.55	
Iotal power		Kw	6		6	
Net weight		Kg	2500	3000	2500	3000
Gross weight		Kg	3100	3600	3100	3600
Overall dimensions	Length	mm	2800	2900	2800	2900
	Width	mm	2200			
	Height	mm	2200			

High Precision CNC Vertical Grinder

Specifications	Unit	G-MGK 2835	G-MGK 2850	G-MGK 2860	G-MGK 2880	G-MGK 28100	G-MGK 28125	G-MGK 28160	G-MGK 28200	G-MGK 28250	G-MGK 28300	G-MGK 28400
Basic parameters												
Table (chuck) diameter	mm	φ350	φ500	φ600	φ800	φ1000	φ1250	φ1600	φ2000	φ2500	φ3000	φ4000
Maximum rotation diameter of workpiece	mm	φ350	φ500	φ600	φ800	φ1000	φ1250	φ1600	φ2000	φ2500	φ3000	φ4000
Maximum workpiece height	mm	200	360	360	500	500	500	500	500	500	500	500
Maximum workpiece weight	kg	300	500	500	1500	1800	2500	3000	4500	6000	8000	12000
Minimum inner bore of ground workpiece	mm	60	200	200	300	300	350	350	500	600	600	600
Total power	KVA	30	60	60	90	90	95	100	105	110	120	120
Total weight	t	5	13	13	20	25	32	40	50	60	80	100
Linear servo axis												
Horizontal movement stroke of axis X	mm	750	800	800	1000	1100	1300	1500	1800	2200	2700	3200
Horizontal movement stroke of axis X1	mm	-	-	-	900	900	1000	1100	1300	1600	2000	2500
Vertical movement stroke of axis Z/Z1	mm	220	400	400	550	550	550	550	550	550	550	550
Quick movement	m/min	6	10	10	10	10	10	10	8	8	6	6
Feed resolution	mm	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Positioning accuracy	mm	0.008	0.01	0.01	0.01	0.01	0.01	0.012	0.015	0.015	0.015	0.02
Repeated positioning accuracy	mm	0.004	0.006	0.006	0.006	0.006	0.006	0.006	0.008	0.01	0.01	0.012
Table												
Rotation precision (axial and radial runout)	mm	0.001	0.0015	0.0015	0.002	0.002	0.002	0.003	0.003	0.004	0.006	0.01
Maximum revolution speed	rpm	120	100	100	80	60	60	50	40	30	30	20
Grinding Wheel spindle												
Spindle rotation precision (axial and radial runout)	mm	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Maximum revolution speed of vertical grinding wheel spindle	rpm	10000	4000	4000	3000	3000	3000	3000	2500	2500	2500	2500
Maximum revolution speed of horizontal grinding wheel spindle	rpm	2000	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Vertical grinding wheel spindle motor power	kW	5.5	11	11	15	15	15	18	22	25	25	30
Horizontal grinding wheel spindle motor power	kW	3	5.5	5.5	7.5	7.5	7.5	11	11	15	15	15

Flat Surface Grinder

Specifications	Unit	G-SGA614	G-SGA618
Processing capacity			
Table size	mm	150×350 (6×14")	150×450 (6×18")
Max. Grinding Length	mm	370mm (14-3/4")	470mm (18-3/4")
Max Grinding Width	mm	160mm (6-1/3")	160mm (6-1/3")
Distance from table surface to spindle center	mm	400mm (15-3/4")	400mm (15-3/4")
Permanent magnetic chuck	mm	150×300mm (6×14")	150×460mm (6×18")
Left and right feed			
Manual stroke	mm	360mm (15")	460mm (19")
Front and back feed			
Manual feed (per scale)	mm	0.02mm (0.0005")	0.02mm (0.0005")
Manual feed (per revolution)	mm	5mm (1/5")	5mm (1/5")
Front and back feed			
Manual feed (per revolution)	mm	0.005mm (0.0002")	0.005mm (0.0002")
Manual feed (per revolution)	mm	1mm (0.05")	1mm (0.05")
wheel			
wheel size (dia×width×bore)	mm	180×16×32mm (7"×2/3"×1-1/14")	180×16×32mm (7"×2/3"×1-1/14")
spindle speeds	rmp	3600/3000rmp	3600/3000rmp
Motor			
spindle speeds	hz/rmp	1.5hp 60hz/3600rmp	1.5hp 60hz/3600rmp
Weight			
GROSS	kg/lbs	690kg (1518lbs)	850kg (1870lbs)

Specifications	G-MJ7115		
	Unit	Metric	Inch
Longitudinal stroke	mm/"	340mm	14"
Lateral stroke	mm/"	170mm	7"
Vertical stroke	mm/"	210mm	8"
Table area (Width×length)	mm/"	152mm×304mm	6"
Number oF T- slots/width	mm/"	1/12mm	1- 0.47"
Lateral Feed per graduation	mm/"	0.02mm	0.001"
Vertical Feed per round	mm/"	2.54mm	0.1"
Vertical Feed per graduation	mm/"	0.025mm	0.001"
Vertical Feed per round	mm/"	1.25mm	0.05"
Grinding wheel size	mm	180×31.75×13mm	
Motor power	kw	0.55kw	
Roughness	μm	1.6μm	
Net/gross weight oF the machine	kg	210/260kg	
Net/gross weigh oF the stand	kg	30/54kg	
Overall dimensions oF the machine	mm	930×780×730mm	
Case dimensions oF the machine	mm	1100×760×860mm	
Case dimensions oF the stand	mm	720×550×550mm	

Centerless Grinder

CNC cylindrical grinding machine

Specifications	Unit	G-HC-12CNC-X
Grinding diameter range	mm	φ0.5~40
Grinding wheel size (outer hole×width×inner hole)	mm	φ305×150×φ120
Mechanical dimensions	mm	1800×1400×1450
Weight	kg	1700

Centerless Grinder

Specifications	Unit	G-C-HC-12S
Grinding diameter range	mm	φ0.5-40
Grinding wheel size (outer hole×width×inner hole)	mm	305×150×φ120
Mechanical dimensions	mm	1800×1400
Weight	kg	1700

Radial Arm Drill

Specifications		Unit	D-R-D50E	D-R-D50	D-R-D60	D-R-D80
Maximum drilling diameter		mm	50	50	60	80
Distance from the centerline of the spindle to the busbar of the column	Max	mm	1600	1600	1800	2270
	Min	mm	350	350	350	470
Distance from spindle cross-section to bottom worktable	Max	mm	1220	1220	1585	1510
	Min	mm	320	320	535	260
Spindle stroke		mm	315	315	315	450
Spindle taper hole		NO.	5#	5#	5#	6#
Spindle speed range		r/min	25-2000	25-2000	25-2000	16-1250
Spindle speed range		-	16	16	16	16
Spindle feed rate range		mm/r	0.04-3.2	0.04-3.2	0.04-3.2	0.04-3.2
Main spindle feed level		-	16	16	16	16
Workbench dimensions (length×width×height)		mm	630×500×500	630×500×500	800×630×500	800×630×500
Horizontal movement distance of spindle box		mm	1250	1250	1450	1800
Spindle motor power		kw	4	4	4	7.5
Rocker arm/sleeve lifting distance		mm	580	580	735	800
Spindle box tilt angle		-	-	-	-	-
Sliding seat movement distance		mm	-	-	-	-
Machine weight		kg	3500	3500	4800	7000
Machine tool outline dimensions (length×width×height)		mm	2500×1070×2840	2500×1070×2840	2700×1070×3200	3550×1250×3420

Vertical Drilling Machine

Specifications	Unit	D-Z5140B	D-Z5140B-1	D-Z5150B	D-Z5150B-1
Max drilling Diameter	mm	40		50	
Spindle taper	-	MT4		MT5	
Stroker of spinld quil	mm	250			
spinld box travel (mannual)	mm	200			
Spinld speed step	Steps	12			
Spinld speed range	rpm	31.5~1400			
Spinld feed step	Steps	9			
Spinld feed range	mm/r	0.056~1.8			
Table size	mm	560×480	800×320	560×480	800×320
Longitudinal (cross)travel	mm	-	440/300	-	440/300
Vertical travel	mm	300			
Max distance between spinld and table surface	mm	750	550	750	550
Main motor Power	kw	3			
Overall size	mm	1090×905×2465	1300×1200×265	1090×905×2465	1300×1200×2465
Net Weight	kg	1250	1350	1250	1350

Drilling and Milling Machine

Specifications	Unit	D-ZX5325	D-ZX5325C
Max.drilling dia.	mm	50	50
Max.end milling dia.	mm	100	100
Max.vertical milling dia	mm	32	32
Max.tapping dia	-	M16	M16
Spindle taper	-	MT4	MT4
Spindle speed range	rpm	270-2400	115-1750
Spindle travel	mm	125	125
Table size	mm	260×1000	260×1000
Table travel	mm	450×280×380	450×280×380
Motor power	kw	1.5	0.85/1.5
Dirve	-	Belt	Gear
Packing size	cm	114×145×210	114×114×222
N.W/G.W	kg	850/1050	870/1070

Standard accessories

☐ Tools,Working light

Optional accessories

☐ Spindle taper: ISO30,ISO40,R8
☐ Coolant system
☐ Table Swivel ±45

Specifications	Unit	D-ZX7550C	D-ZX7550CW
Max.drilling dia.	mm	50	50
Max.end milling dia.	mm	100	100
Max.vertical milling dia	mm	25	25
Max.tapping dia	-	M16	M16
Distance from spindle nose to table surface	mm	70-420	70-420
Spindle speed range	rpm	110-1760	110-1760 (V)/38-1335 (H)
Spindle travel	mm	120	120
Table size	mm	800×240	800×240
Table tavel	mm	400×230	400×230
Motor power	kw	0.85/1.5	0.85/1.5,2.2
Packing size	cm	225×110×222	114×122×222
N.W./G.W	kg	630/800	850/1050

Standard accessories

☐ Tools Working light

Optional accessories

☐ Power feed on X,Y,Z axis supplied at extra cost
☐ DRO supplied at extra cost

Bench Drill

Specifications	B-ZJ4113	B-ZJ4113H	B-ZJ4116QA	B-ZJQ4116
Power	250w/350w	375w	375w/500w	375w
Drlling Capacity	1.5-13mm	1.5-13mm	3-16mm	3-16mm
Spindle Travel	50mm	60mm	50mm	60mm
Swing	208mm	254mm	230mm	254mm
Spindle Tip to Base	300mm	430mm	470mm	580mm
Class ef Speed	5	5 (12)	9	5 (12)
No-load Speed/50Hz,	620-2620rpm	620-2620rpm	280-2350rpm	620-2620rpm
No-load Speed/60Hz	740-3140rpm	740-3140rpm	340-2820rpm	740-3140rpm
Spindle Tapper	B16	B16	B16	B16
Table Size	160×160mm	190×190mm	170×165mm	190×190mm
Base Size	290×190mm	340×205mm	315×195mm	340×205mm
Column Dia	46mm	58mm	46mm	58mm
Machine Height	580mm	680mm	620mm	860mm
Packing Size	440×340×220mm	570×405×265mm	470×375×240mm	660×405×270mm
Net/Gross Weight	14/15kg	22/23.5kg	19/20kg	24/25.5kg
Loading/20GP	920	450	750	380
Loading/40HQ	2040	1000	1650	840

Magnetic Drill

Specifications	D-MCD20	D-MCD23	D-MCD30	D-MCD32	D-MCD50	D-MCD60
Motor power	900	1200	1100	1600	1500	1800
Magnet adhesion	8500	12000	11000	16000	15000	18000
Core Drill	φ12-20	φ12-23	φ12-30	φ12-32	φ12-50	φ12-60
Weldon Shank	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05
Twist Drill	φ13	φ13	φ16	φ16	φ31	φ31
Travel	110	110	125	125	170	170
Spindle Taper	/	/	/	/	MT3	MT3
Speed	650	650	450	450	I400II600	I400II600
Weight	19/15	20/16	26/19	27/20	37/28	38/29

High Speed Metal Band Saw Machine

Fully Automatic CNC Horizontal Metal Band Sawing Machine

Specifications	S-330T
Maximum sawing range	● 330 ■330×330
Cutting line speed of band saw blade	28/42/52/73m/min
Adjustment method for feed speed	Stepless
clamping system	Stepless speed regulation
Band saw blade specifications	1.1×34×4115mm
Tensioning method of saw blade	Manual tensioning
Saw band lubrication method	Using emulsion spray method
Main motor power	4Kw
Hydraulic motor power	0.75Kw
Cooling pump motor power	0.04Kw
Maximum length of one-way feeding	500mm
Number of machining dimension setting groups	1-20 groups
Set the maximum feeding length for each group once	50000mm
Set the processing quantity for each group at once	1～999 psc
Set the precision of sawing length control	±0.2mm
Machine tool input power supply voltage	A.C380V, 50HZ
The height of the workbench above the ground	651mm
Hydraulic tank capacity	50L
Cooling box capacity	65L
External dimensions of machine	2200mm×2300mm×1400mm (excluding attached rack)
The entire sawing process	PLC programmable controller settings
Manual rack attachment	Attached rack 700mm×485mm×630mm (2 pieces), including 2 vertical rollers and 4 feeding rollers

High-speed Intelligent Fully Automatic CNC Horizontal Metal Band Sawing Machine

Specifications	S-350TS
Maximum sawing range	● 350 ■350×350
Cutting line speed of band saw blade	17-120m/min (variable frequency)
Adjustment method for feed speed	Automatic hydraulic stepless speed regulation (automatic speed regulation)
clamping system	hydraulic pressure
Band saw blade specifications	1.1×34×4260mm
Tensioning method of saw blade	Hydraulic tensioning
Chip removal method	Automatic chip removal
Saw band lubrication method	Using emulsion spray method
Main motor power	4Kw
Hydraulic motor power	0.75Kw
Cooling pump motor power	0.04Kw
Maximum length of one-way feeding	500mm
Number of machining dimension setting groups	1-20 groups
Set the processing quantity for each group at once	50000mm
Set the maximum feeding length for each group once	1～999 pcs
Set the precision of sawing length control	±0.2mm
Machine tool input power supply voltage	A.C380V, 50HZ
The height of the workbench above the ground	657mm
Hydraulic tank capacity	50L
Cooling box capacity	65L
External dimensions of machine	2250mm×2350mm×1450mm (excluding attached racks)
The entire sawing process	PLC programmable controller settings
Manual rack attachment	Attached rack 700mm×485mm×630mm (2 pieces), including 2 vertical rollers and 4 feeding rollers

High Speed Metal Band Saw Machine

Double Column Horizontal Metal Band Sawing Machine

Specifications	S-AS7050L
Maximum sawing range	● 500 mm ■700×500 mm
Cutting line speed of band saw blade	17-32, 45-85 m/min (variable frequency)
Band saw blade specifications	5540×41×1.3 mm
Adjustment method for feed speed	Hydraulic infinite speed regulation
clamping system	Hydraulic tensioning
Feeding method	Hydraulic feeding
Tensioning method of saw blade	Hydraulic tensioning
Gripping method of guide alloy sheet	Compression oil cylinder clamping
Chip removal method	Hollow spiral chip conveyor automatic chip removal
Main motor power	5.5 Kw (6P)
Hydraulic motor power	1.5 Kw
Cooling pump motor power	0.12 Kw
Hydraulic oil tank capacity	70 L
Cooling water tank capacity	160 L
External dimensions	2950×3000×2100 mm

CNC Dual Column Horizontal Intelligent High-speed Metal Band Sawing Machine

Specifications	SC-430TS
Maximum sawing range	● 430 mm ■430×430 mm
Cutting line speed of band saw blade	17-120m/min (variable frequency)
Adjustment method for feed speed	Intelligent speed regulation
Operation method	10 inch touch screen+buttons
clamping system	Hydraulic clamping of left and right jaws+hydraulic up pressing
Tensioning method of saw blade	Hydraulic tensioning
Sawtooth chip cleaning method	Automatic wire brush for chip cleaning
Chip removal method	Automatic chip removal
Cooling method of saw blade	Cooling liquid circulation cooling
Feeding method	Hydraulic clamps for gripping workpieces
	Hydraulic oil cylinder drives the feeding table to feed back and forth
Feeding positioning method	Magnetic grating ruler positioning
Automatic system	PLC programmable controller settings
Maximum length of one-way feeding	500 mm
Number of machining dimension setting groups	1-20 groups
Set the maximum feeding length for each group once	50000 mm
Set the maximum feeding length for each group once	1～999 pcs
Set the precision of sawing length control	±0.2mm
Band saw blade specifications	5080×41×1.3 mm
Main motor power	5.5 Kw
Hydraulic motor power	1.5 Kw
Cooling pump motor power	0.09 Kw
Supporting material with rack	700mm long 2 pieces

Double Column Horizontal Metal Band Sawing Machine

Specifications	S-AS10050L
Maximum sawing range	● 500 mm ■1000×500 mm
Cutting line speed of band saw blade	17-30, 42-82 m/min (variable frequency)
Band saw blade specifications	6800×54×1.6 mm
Adjustment method for feed speed	Hydraulic infinite speed regulation
clamping system	Hydraulic tensioning
Feeding method	Hydraulic feeding
Tensioning method of saw blade	Hydraulic tensioning
Gripping method of guide alloy sheet	Compression oil cylinder clamping
Chip removal method	Hollow spiral chip conveyor automatic chip removal
Main motor power	11 Kw (4P)
Hydraulic motor power	2.2 Kw
Cooling pump motor power	0.12 Kw
Hydraulic oil tank capacity	80 L
Cooling water tank capacity	200 L
External dimensions	3550×3100×2200 mm

High Speed Metal Band Saw Machine

Intelligent High-Speed Band Saw

Model	S-B-33 II							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	330mm	330×330mm	10-80r/min	4115×34×1.1 mm	5Kw	1.1Kw	90Kw	60L/90L

Model	S-B-43 II							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	430mm	430×430mm	10-80r/min	5150×41×1.3 mm	7.5Kw	1.5Kw	135Kw	70L/120L

Model	S-B-53 II							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	530mm	530×530mm	20-80r/min	6200×41×1.3 mm	7.5Kw	1.5Kw	135Kw	70L/140L

Model	S-F-150							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	700mm	800×700mm	20-80r/min	8100×54×1.6 mm	11Kw	1.5Kw	135Kw	80L/180L

Circular Saw Machine

Efficient Intelligent Circular Saw Machine

Model	S-F-100							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	20-100mm	20-70mm	30-160r/min	φ360×2.6 t	15Kw	2.2Kw	1.8Kw	60L/2L

Model	S-F-120							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	35-120mm	35-90mm	30-160r/min	φ400×2.7 t	15Kw	2.2Kw	1.8Kw	60L/2L

Model	S-F-150							
Item	Round material	Square material	Saw blade speed	Blade specifications	Main motor power	Oil pump motor power	Feed motor	Hydraulic oil/cutting oil
Specifications	50-150mm	50-100mm	20-100r/min	φ460×2.7 t	18.5Kw	3.75Kw	4.4Kw	110L/2L

Scissor Type Band Saw

Specifications	S-P1-28S		
Maximum cutting range	○280mm □250×390mm	Band saw blade specifications	27×0.9×3505mm
Blade speed	26/49/68m/min	Main motor power	2.2kw 4P
Cooling motor power	40W	Hydraulic motor power	0.75kw
Table height	710mm	Vise clamp height	163mm
Roller table size	420×350×710mm	Weight	800kg
Machine Dimensions	1860×1200×1270mm	Machine Dimensions (Saw Frame Raised)	1860×1200×1800mm

Specifications	S-P1-28/65S		
Maximum cutting range	○280mm □230×680mm	Band saw blade specifications	34×1.1×4115mm
Blade speed	25/37/48/64m/min	Main motor power	3kw
Cooling motor power	40W	Hydraulic motor power	0.75kw
Machine Dimensions	2300×1050×2200mm	Weight	810kg

Automatic Bending Machine

Flexible Bending Center

Specifications	Max Bending Size (mm)	Min Bending Size (mm)	Bending Height (mm)	Motor Power (kw)	Average Power (kw)	Dimension (cm)	Total mass (t)	Maximum bending thickness			Minimum material thickness (mm)	Number of axes
								304stainless steel (mm)	Cold rolled plate (mm)	Steel plate (mm)		
A-LHA05-2000A	2000×1500	140×190	170	82	2.9	515×331×330	18	1.5	2	3	0.35	21
A-LHA05-2500A	2000×1500	140×190	170	82	3	565×320×340	22	1.5	2	3	0.35	21

Electro-hydraulic Synchronized CNC Press Brake

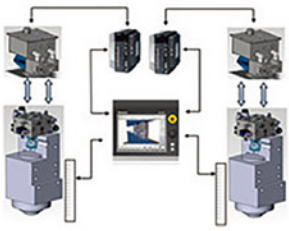
Specifications	Bending force (kn)	Max.bending width (mm)	Distance between upright (mm)	Opening Height (mm)	Throat depth (mm)	Cylinder stroker (mm)	Main motor power (kw)	Oil Volume (L)	Speed (mm/s) outline dimension					
									Approaching	Working speed	Return speed	Length	Width	Height
B-TZM-100/2500	1000	2500	1700	560	350	200	7.5	300	130	10	100	2800	1700	2550
B-TZM-100/3200	1000	3200	1900	560	350	200	7.5	300	130	10	100	3500	1700	2550
B-TZM-100/4000	1000	4100	3200	560	350	200	7.5	300	130	10	100	4400	1700	2550
B-TZM-130/2500	1300	2500	1900	560	350	200	11	300	130	10	110	2850	1750	2580
B-TZM-130/3200	1300	3200	2600	560	350	200	11	300	130	10	110	3550	17S0	2580
B-TZM-130/4100	1300	4100	3200	560	350	200	11	300	130	10	110	4450	1750	2580
B-TZM-170/2500	1700	2500	2600	560	350	200	15	300	110	10	100	2900	1780	2600
B-T2M-170/3200	1700	3200	3200	560	350	200	15	300	110	10	100	3600	1800	2600
B-TZM-170/4100	1700	4100	3000	560	350	200	15	300	110	10	100	4500	1800	2600

Automatic Bending Machine

WC67K Series CNC Hydraulic Press Brake

Specifications	nominal pressure (KN)	Length of Working table (mm)	Distance between uprights (mm)	Ram stroke (mm)	Throat depths (mm)	Main power (kw)
B-WC67Y/K-40/2000	400	2000	1590	200	100	5.5
B-WC67Y/K-40/2200	400	2200	1590	200	100	5.5
B-WC67Y/K-40/2500	400	2500	2090	200	100	5 5
B-WC67Y/K-50/2500	500	2500	1901	250	120	5.5
B-WC67Y/K-50/3200	500	3200	2600	250	120	5.5
B-WC67Y/K-63/2500	630	2500	2050	250	100	5.5
B-WC67Y/K-63/3200	630	3200	2600	250	100	5.5
B-WC67Y/K-80/3200	800	3200	2600	320	120	7.5
B-WC67Y/K-80/4000	800	4000	3200	320	120	7.5
B-WC67Y/K-100/2500	1000	2500	1900	320	120	7.5
B-WC67Y/K-100/3200	1000	3200	2600	320	120	7.5
B-WC67Y/K-100/4000	1000	4000	3200	320	120	7.5
B-WC67Y/K-100/5000	1000	5000	4000	320	120	7.5
B-WC67Y/K-125/2500	1250	2500	2050	320	120	7.5
B-WC67Y/K-125/3200	1250	3200	2600	320	120	7.5
B-WC67Y/K-125/4000	1250	4000	3200	320	120	7.5
B-WC67Y/K-125/5000	1250	5000	4000	320	120	7.5
B-WC67Y/K-160/3200	1600	3200	2600	320	200	11
B-WC67Y/K-160/4000	1600	4000	3200	320	200	11
B-WC67Y/K-160/5000	1600	5000	4000	320	200	11
B-WC67Y/K-160/6000	1600	6000	4800	320	200	11
B-WC67Y/K-200/3200	2000	3200	2600	320	200	15
B-WC67Y/K-200/4000	2000	4000	3200	320	200	15
B-WC67Y/K-200/5000	2000	5000	4000	320	200	15
B-WC67Y/K-200/6000	2000	6000	4800	320	200	15
B-WC67Y/K-250/3200	2500	3200	2600	400	200	18.5

Specifications	nominal pressure (KN)	Length of Working table (mm)	Distance between uprights (mm)	Ram stroke (mm)	Throat depths (mm)	Main power (kw)
B-WC67Y/K-250/4000	2500	4000	3200	400	250	18.5
B-WC67Y/K-250/5000	2500	5000	4000	400	250	18.5
B-WC67Y/K-250/6000	2500	6000	4800	400	250	18.5
B-WC67Y/K-300/3200	3000	3200	2600	400	250	22
B-WC67Y/K-300/4000	3000	4000	3200	400	250	22
B-WC67Y/K-300/5000	3000	5000	4000	400	250	22
B-WC67Y/K-300/6000	3000	6000	4800	4O0	250	22
B-WC67Y/K-400/4000	4000	4000	3200	400	320	22
B-WC67Y/K-400/5000	4000	5000	4000	400	320	22
B-WC67Y/K-400/6000	4000	6000	4800	400	320	22
B-WC67Y/K-500/6000	5000	6000	4800	400	320	37
B-WC67Y/K-600/7000	6000	7000	5600	400	320	37
B-WC67Y/K-700/7000	7000	7000	5600	400	320	45
B-WC67Y/K-800/6000	8000	6000	4800	500	400	55
B-WC67Y/K-1000/6000	10000	6000	4800	600	400	75



Bi-directional Pump Electro-hydraulic Servo CNC Bending Machine

Specifications	Bending force (mm)	Bending Length (mm)	Distance Between Uprights (mm)	Distance Throat Depth (mm)	Ram Stroke (mm)	Opening Height (mm)	Approaching Speed (mm/s)	Working speed (mm/s)	Return Speed (mm/s)	Main Power (kw)	Oil Tank Volume (L)	Dimension (mm)	Weight (kg)
B-TZM-11032	1100	3200	2700	450	230	510	200	5.0-15	200	5.5×2	60×2	3600×2300×2900	8600
B-TZM-17041	1700	4100	3600	450	230	510	180	5.0-12	180	11×2	90×2	3500×2450×3150	13500

Automatic Shearing Machine

Hydraulic (CNC) Guillotine Shearing Machine

Specifications	Shearing Thickness (mm)	Shearing Width (mm)	Stroke (mm)	Backgauge Range (mm)	Shearing angle (°)	Working table height (mm)	Main power (kw)
S-QC11Y/K-6x2500	6	2500	8~16	20-600	30'-1°30	800	7.5
S-QC11Y/K-6x3200	6	3200	8~16	20-600	30'-1°30	800	7.5
S-QC11Y/K-6x4000	6	4000	8~16	20-600	30'-1°30	800	7.5
S-QC11Y/K-6x5000	6	5000	8~16	20-800	30'-1°30	900	11
S-QC11Y/K-6x6000	6	6000	8~16	20-800	30'-1°30	1000	11
S-QC11Y/K-8x2500	8	2500	8~16	20-600	30' -1°45	800	11
S-OC11Y/K-8x3200	8	3200	8~16	20-600	30' -1°45	850	11
S-QC11Y/K-8x4000	8	4000	8~16	20-600	30' -1°45	900	11
S-QC11Y/K-8x5000	8	5000	8~16	20-800	30' -2°	1000	15
S-QC11Y/K-8x6000	8	6000	8~16	20-800	30' -2°	1050	15
S-QC11Y/K-12x2500	12	2500	8~12	20-800	30' -2°	840	15
S-QC11Y/K-12x3200	12	3200	8~12	20-800	30' -2°	900	15
S-QC11Y/K-12x4000	12	4000	8~12	20-800	30' -2°	940	15
S-QC11Y/K-12x5000	12	5000	8~12	20-1000	30' -2°	1000	22
S-QC11Y/K-12x6000	12	6000	8~12	20-1000	30' -2°	1060	30
S-QC11Y/K-16x2500	16	2500	8~12	20-800	30' -2°30	840	22
S-QC11Y/K-16X3200	16	3200	7~10	20-800	30' -2°30	900	22
S-QC11Y/K-16x4000	16	4000	7~10	20-800	30' -2°30	940	22
S-QC11Y/K-16x5000	16	5000	7~10	20-1000	30' -2°30	1000	30
S-QC11Y/K-16x6000	16	6000	7~10	20-1000	30' -2°30	1100	37
S-QC11Y/K-20x2500	20	2500	7~10	20-800	1°30' -3°	900	30
S-QC11Y/K-20x3200	20	3200	6~10	20-800	1°30' -3°	950	30
S-QC11Y/K-20x4000	20	4000	6~10	20-800	1°30' -3°	1100	30
S-QC11Y/K-20x5000	20	5000	6~10	20-1000	1'30' -3°	1100	37
S-QC11Y/K-20x6000	20	6000	6~9	20-1000	1°30' -3°	1200	37
S-QC11Y/K-25x2500	25	2500	6~9	20-800	1°30' -3°30	900	37
S-QC11Y/K-25x3200	25	3200	6~9	20-800	1°30' -3°30	950	37
S-QC11Y/K-25x4000	25	4000	6~8	20-1000	1°30' -3°30	1100	37
S-QC11Y/K-32x2500	32	2500	6~8	20-1000	1°30' -4°	1000	55
S-QC11Y/K-32x3200	32	3200	6~8	20-1000	1°30' -4°	1100	55
S-QC11Y/K-40x2500	40	2500	4~6	20-1000	1°30' -4°	1200	55
S-QC11Y/K-40x3200	40	3200	4~6	20-1000	1°30' -4°	1200	55

Hydraulic (CNC) Swing Beam Shearing Machine

Specifications	Shearing Thickness (mm)	Shearing Width (mm)	Shearing angle (°)	Number of Stroke (min)	Backgauge Range (mm)	Motor power (kw)
S-QC12Y-4X3200	4	3200	1°30'	17~14	20~600	5.5
S-QC12Y-4X4000	4	4000	1°30'	8~10	20~600	5.5
S-QC12Y-4X5000	4	5000	1°30'	7~9	20~600	5.5
S-QC12Y-4X6000	4	6000	1°30'	5~7	20~800	7.5
S-QC12Y-6X3200	6	3200	1°30'	10~12	20~600	7.5
S-QC12Y-6X4000	6	4000	1°30'	8~10	20~600	7.5
S-QC12Y-6X5000	6	5000	1°30'	7~9	20~600	7.5
S-QC12Y-6X6000	6	6000	1°30'	6~7	20~800	7.5
S-QC12Y-8X3200	8	3200	1°30'	8~10	20~600	7.5
S-QC12Y-8X4000	8	4000	1°30'	6~8	20~600	11
S-QC12Y-8X5000	8	5000	1°30'	5~7	20~800	15
S-QC12Y-8X6000	8	6000	1°30'	4~6	20~800	15
S-QC12Y-10X3200	10	3200	1°30'	6~7	20~600	11
S-QC12Y-10X4000	10	4000	1°30'	6~8	20~600	11
S-QC12Y-10X3200	12	3200	2°	6~8	20~600	11

Automatic Rolling Machine

3-Rollers Symmetrical Mechanical Rolling Machine

Specifications	Max. rolling thinkness (mm)	Max. rolling width (mm)	Yielding Limit of Sheet Metal (mm)	Min Full Loading Diameter of Coiled Plate (mm)	Upper Roller Diameter (mm)	Lower Roller Diameter (mm)	Motor power (kw)
R-W11-4x1500	4	1500	245	300	150	140	3
R-W11-6x1500	6	1500	245	380	160	140	4
R-W11-6x2000	6	2000	245	380	180	160	5.5
R-W11-6x3200	6	3200	245	380	220	180	7.5
R-W11-8x2000	8	2000	245	400	185	170	5.5
R-W11-8x2500	8	2500	245	550	220	180	7.5
R-W11-12x2000	12	2000	245	550	230	190	7.5
R-W11-12x2500	12	2500	245	600	260	220	11
R-W11-12x3000	12	3000	245	700	280	240	11
R-W11-16x2000	16	2000	245	600	260	220	7.5
R-W11-16x2500	16	2500	245	700	280	240	11
R-W11-16x3000	16	3000	245	850	340	260	15
R-W11-20x2000	20	2000	245	700	280	240	11
R-W11-20x2500	20	2500	245	850	340	260	15
R-W11 -25x2000	25	2000	245	850	330	270	15
R-W11-25x2500	25	2500	245	900	370	270	22
R-W11-30x1500	30	2500	245	1200	410	360	30
R-W11-30x3000	30	3000	245	1200	450	390	37

Hydraulic 4-Rolls Plate Rolling Machine

Specifications	Max Rolling Thickness (mm)	Max Pre-rolling Thickness (mm)	Plate Width (mm)	Diameter of upper roller (mm)	Main Motor Power (kw)
R-W12NC-10x2000	10	9	2000	240	7.5
R-W12NC-12x2500	12	11	2500	280	11
R-W12NC-16x2500	16	13	2500	310	15
R-W12NC-20x2000	20	16	2000	300	15
R-W12NC-20x2500	20	18	2500	360	22
R-W12NC-25x2000	25	20	2000	350	22
R-W12NC-25x2500	25	20	2500	400	37
R-W12NC-30x2000	30	25	2000	300	37
R-W12NC-30x2500	30	25	2500	400	37
R-W12NC-30x3000	30	25	3000	470	45
R-W12NC-40x3000	40	32	3000	550	55
R-W12NC-50x3000	50	40	3000	610	55
R-W12NC-60x3000	60	50	3000	670	75
R-W12NC-70x3000	70	60	3000	730	75
R-W12NC-80x3000	80	65	3000	780	90
R-W12NC-90x3000	90	75	3000	820	90
R-W12NC-100x3000	100	80	3000	880	110

Laser Cutting Machine

HIGH POWER FIBER LASER CUTTING MACHINE TECHNICAL PARAMETERS 1000W-30000W

Specifications	
Cutting Range	L-3015 / 4020 / 6025 / 8025 / 13025
Max. Speed	120m/min
Positioning Accuracy	±0.02mm
Laser Power	1000-30000W
Max acceleration	1.2G
Repeat Accuracy	±0.02mm

SINGLE PLATFORM FIBERLASER CUTTING MACHINE TECHNICAL PARAMETERS 1000W-30000W

Specifications	
Cutting Range	L-3015 / 4020 / 6025 / 8025 / 13025
Max. Speed	100m/min
Positioning Accuracy	±0.02mm
Laser Power	1000-30000W
Max acceleration	1G
Repeat Accuracy	±0.02mm

Magnetic Bending Machine

Specifications	B-EB625	B-EB1000	B-EB1250
Max.bending length	625mm/2"	1000mm/3"	1250mm/4"
Max.thickness	1.6mm/16Ga	1.6mm/16Ga	1.6mm/16Ga
Clamping force	3 Ton	4.5 Ton	6 Ton
Duty cycle	30%	30%	30%
Back gauge	390mm	640mm	640mm
Foot switch	Standard	Standard	Standard
Nominal current	4 Amp	6 Amp	6 Amp
Protection	Thermal cut-out 70°C		
Bending edge length	670mm	1050mm	1300mm
Distance between lifters	630mm	1010mm	1260mm
Packing size	83×112×38cm	120×112×38cm	145×112×38cm
N.W/G.W.	102/127kg	142/177kg	185/241kg

Hand Brake Machine

Specifications		B-W1.2X1500	B-W1.0X2000
Capacity	Width	1500mm	1500mm
	Thickness	1.2mm	1.0mm
	Angle	0-140°	0-140°
Packing size		200×76×125cm	250×76×125cm
N.W/G.W.		285/355kg	410/500kg

Specifications		B-W2.5×1220	B-W2.5×2540A	B-W2.0×3050A
Capacity	Width	1220mm	2540mm	3050mm
	Thickness	2.5mm	2.5mm	2mm
	Angle	0-135°	0-135°	0-135°
Packing size		175×77×90mm	300×77×110mm	300×77×110mm
N.W/G.W.		520/580kg	1310/1480kg	1490/1690kg

Specifications		B-36"Brake	B-40"Brake	B-48"Brake	B-72"Brake
Capacity	Width	915mm/36"	1016mm/40"	1220mm/48"	1830mm/72'
	Thickness	2.5mm/12Ga	2.5mm/12Ga	1.0mm/20Ga	0.8mm/22Ga
	Angle	0-120°	0-120°	0-120°	0-120°
Packing size		123×24×50cm	134×24×50cm	153×24×53cm	217×36×64cm
N.W/G.W.		68/75kg	70/84kg	76/95kg	145/180kg

Guillotine Shear Machine

Specifications	S-W1.2X1500
Bed width	1000mm
Max. shearing thickness	1mm
Construction	Steel Plate
Packing size	155×100×58cm
N.W/G.W.	238/295kg

Slip Roll Machine (Manual)

Specifications	Unit	R-W01 -0.8x305	R-W01 -0.8x610	R-W01 -0.8x915	R-W01 -0.8x1000	R-W01 -1.5x1300 (Heavy Duty)
Max.thickness	mm	0.8	0.8	0.8	0.8	1.5
Max.width	mm	305	610	915	1000	1300
Dia.of roll	mm	25.4	38	50	50	75
Packing dimension	mm	54×24×28	95×27×38	134×34×50	148×35×50	175×45×60
N.W/G.W.	kg	13/14.5	37/40	80/90	86/107	195/220

Specifications	Unit	R-W01-0.8x305	R-W01-2x1000	R-W01-2x1250
Max.thickness	mm	2	2	2
Max.width	mm	610	1000	1250
Dia.of roll	mm	60	60	60
Packing dimension	mm	115×50×69	155×50×69	180×50×69
N.W/G.W.	kg	166/210	200/240	223/260

Slip Roll Machine (Electric)

Specifications	Unit	R-ESR-1300X1.5E	R-ESR-1300X2.5	R-ESR-1300X4.5	R-ESR-1550X3.5	R-ESR-2020X3.0
Max.thickness	mm	1.5	2.5	4.5	3.5	3
Max.width	mm	1300	1300	1300	1550	2020
Dia.of roll	mm	60	90	120	120	127
Motor power	Kw	0.75	1.5	2.2	2.2	4
Packing Size	cm	180×65×110	200×72×120	200×76×127	222×76×127	270×87×130
GW	kg	280/340	540/600	750/830	790/890	1100/1200

Foot Shear

Specifications	Unit	S-Q01-1.5X1320	S-Q01-2X1000
Bed width	mm	1320	1000
Max.shearing thickness	mm	1.5	2
Back gauga range	mm	0-840	0-840
Packing size	cm	168×76×115	140×76×115
N.W/G.W	kg	491/545	430/490

Section Shear

Specifications	Unit	S-PBS-7	S-PBS-8
Round steel	mm	22	16
Square steel	mm	20	16
Flat steel	mm	90×14	100×10
Angle steel	mm	60×7	40×6
T-steel	mm	60×7	40×6
Plate steel	mm	10	8
Body packing size	cm	97×36×67	66×28×61
Handle packing size	cm	120×16×12	120×16×12
N.G/G.W	kg	96/111	45/52

English Wheel

Specifications	
Model	B-F0.8×450
Capacity	0.8mm/22Ga
Throat Depth	450mm/18"
Packing size	63×60×4.5cm (body)87×12×13 (stand)
N.W./G.W.	17/20 kg

Specifications	
Model	B-F1.2×1000
Capacity	1.2mm/18Ga
Throat Depth	1040mm/40"
Packing size	183x93x35cm
N.W./G.W.	144/191kg

Specifications	
Model	B-F1.5×1100
Capacity	1.5mm/16Ga
Throat Depth	1145mm/45°
Packing size	170×152×40cm
N.W./G.W.	209/277kg

Specifications	
Model	B-PIC50
Max. Capacity Width	1270mm/50"
Capacity size	70×70mm
Output speed Adjustable scope	9-16rpm
Motor power	750W
Packing size	161×140×134cm
N.W./G.W.	520/580kg

Wire Cutting Machine

Wire Cutting Integrated Machine (Five Axis CNC)

Specifications		BM Integrate Type AV Servo Control		
		W-BMA400C	W-BMA500C	W-BMA630D
X,Y Travel	mm	400×320	500×400	630×500
U, V Travel	mm	50×50	50×50	50×50
Worktable size	mm	650×420	750×500	900×600
Cutting Thickness	mm	300	300	500
Max loading weight	kg	400	500	800
Machine weight	kg	1600	1800	2300
Precise	mm	≤±0.003	≤±0.003	≤±0.005
Roughness	μm	≤0.6	≤0.6	≤0.6
Max work current		12A		
Max Machining efficiency		350 mm²/min		
Max taper (no more than 100mm)		±6°		
Screws and guide ways		Precision ball screws/Linear guideway		
Lubrication of screws and guide ways		Electrical Auto-lubrication system		
Aluminum cutting device		Standard		
Special functions for cutting titanium alloy		Standard		
Double direction Auto-wire tension system		Standard		
Handle Remote Jog		Standard		
Coolant filtration system		Multi-filtration coolant tank (Min 5um)		
AR automatic tilt correction functi		Standard		

C Type Precision Wire Cutting Machine

Specifications		Servo Control	
		W-BMT400C	W-BMT500C
X,Y Travel	mm	400×320	500×400
U, V Travel	mm	50×50	50×50
Worktable size	mm	650×420	750×500
Cutting Thickness	mm	300	300
Max loading weight	kg	400	500
Machine weight	kg	1600	1800
Precise	mm	≤±0.003	≤±0.003
Roughness	μm	≤0.8	≤0.8
Max work current		10A	
Max Machining efficiency		300 mm²/min	
Max taper (no more than 100mm)		±6° (optional ±10°)	
Screws and guide ways		Precision ball screws/Linear guideway	
Lubrication of screws and guide ways		Electrical Auto-lubrication system	
Aluminum cutting device		Option	
Special functions for cutting titanium alloy		Standard	
Double direction Auto-wire tension system		Standard	
Z axis motorized		Standard	
2 axis DRO		Standard	
Handle Remote Jog		Standard	
Coolant filtration system		Multi-filtration coolant tank (Min 5um)	
Type of controller		BMW8000	BMW7000

Wire Cutting Machine

Parallel Arm Frame Wire Cutting Machine

Specifications	Unit	Servo Control		
		W-BM400	W-BM500	W-BM630
X,Y	mm	320×400	400×500	500×630
Worktable size	mm	415×635	500×785	600×900
Max loading weight	kg	400	500	800
Machine weight	kg	1500	1700	2300
Precise	mm	≤±0.006	≤±0.006	≤±0.006
Roughness		One time cutting≤2.5μm,Multi-cutting≤1.2μm		
Cutting Thickness	mm	500/400	500/400	800/700
Max taper (no more than 100mm)	°	60°/40°	60°/40°	60"/40"

Wire Cutting Machine (Fast speed)

Specifications	W-DK7740P
Equipment specifications (X×Y×Z)	400mm×500mm×400mm
Workbench size	800mm×500mm
Workbench support	400Kg
X-axis	400mm
Y-axis	500mm
Distance of spindle up and down movement	50mm~400mm
Maximum cutting slope	±3°/50mm
Maximum cutting efficiency	160mm³/min
Maximum processing current	6A
Machine tool power consumption	1.5KVA
Electrode wire diameter	Φ 0.13-Φ 0.25mm
Wire speed	Imported frequency converters for control
Roughness	Ra≤ 2.25μ mm
Processing accuracy	≤ 0.014 (± 0.007) mm (Material: Cr12, opposite side 20mm, height 40mm, octagonal cylinder)

Wire Cutting Machine

Wire Cutting Machine (Medium Speed)

Specifications	W-HA600UP
Maximum workpiece size (length×width×height)	1400mm×850mm×500mm
Workbench travel (X×Y)	600mm×400mm
Maximum cutting taper	12°/50mm
Maximum cutting thickness	500mm
Maximum workpiece weight	800kg
Electrode wire diameter range	Ø 0.10-0.22mm (standard Ø 0.18mm)
Electrode wire transport speed	1.18-11.8m/s (variable frequency speed regulation)
Cutting speed	300mm²/min
processing efficiency	16000mm²/h
Processing accuracy (standard octagonal specimen)	≤0.006mm
Upper and lower consistency (standard octagonal specimen h=40)	≤0.005mm
Best surface roughness (opposite side 20mm - height 40mm - regular octagonal prism)	Ra≤0.55~0.6μm
Maximum processing current	12A
Working fluid capacity	130L
Working fluid filtration accuracy	0.01mm
Working fluid filtration method	Multi filtration system;
Number of CNC axes	Four axis four linkage
Z-axis lifting method	Electric lifting
Operation interface language	Chinese
No electrolytic power supply	Standard
processing power supply	Standard
Aluminum processing equipment	Optional
Whole machine capacity	1.5KVA
Machine weight (net weight/gross weight)	2350/2550Kg

Wire Cutting Machine

Wire cutting machine (Medium Speed)

Specifications	W-HB600C
Maximum workpiece size (length×width×height)	1250mm×700mm×400mm
Workbench stroke (X×Y)	600mm×400mm
Maximum cutting taper	12°/100mm
Maximum cutting thickness	400mm
Maximum workpiece weight	900kg
Electrode wire diameter range	Ø 0.06 – 0.25mm (StandardØ0.18 mm)
Electrode wire transport speed	1.18~11.8m/s (Variable frequency speed regulation)
Maximum cutting speed	350mm²/min
Stable processing efficiency	16000mm²/h
Processing accuracy (standard octagonal specimen)	≤0.005mm
Upper and lower consistency (standard octagonal specimen)	≤0.003mm
Best surface roughness (opposite side 20mm - height 40mm - regular octagonal prism)	Ra≤0.45~0.55μm
Maximum processing current	13A
Working fluid capacity	130L
Working fluid filtration accuracy	0.01mm
Working fluid filtration method	Multi filtration system
Work Code	Using standard ISO code for program control
Number of CNC axes	Four axis four linkage
Z-axis lifting method	Electric lifting
No electrolytic power supply	Standard
PCD processing power supply	Standard
Aluminum processing equipment	Optional
Whole machine capacity	1.5kVA

EDM Machine

C Type CNC Sinker EDM Machine

Specifications		Unit	E-EDM540CNC
Working tank		mm	1270×750×470
Worktable		mm	800×500
Coordinate travel	X axis	mm	500
	Y axis	mm	400
	Spindle Z axis	mm	200
	Auxiliary Z axis	mm	300
Distance from electrode holder to Worktable	(min)	mm	110
	(max)	mm	620
Max loading of Worktable		kg	1300
Max loading of Electrode		kg	150
Oil tank capacity		L	540
Max Current		A	50
Dimension		m	2.2×1.7×2.5
Weight of machine		kg	2200
Control type			AC
Max machining current		A	50A
Max machining speed		mm^3/min	400mm^3/min
Best Ra		μm	0.2μm
Input power		KVA	9KVA

ZNC Drill EDM Machine

Specifications	Unit	E-DB703A	E-DB703C
Worktable size	mm	486×310	486×310
Worktable travel	mm	400×300	400×300
Z aixs travel (2nd)	mm	300+ (300)	300+ (300)
Drill depth	mm	0-300	0-300
Electrode diameter	mm	φ0.3-φ3.0	φ0.3-φ3.0
Working loading weight	kg	300	300
Working reservoir capacity	L	30	30
Machine dimension	mm	1236×1025×1934	1236×1025×1934
Machine weight	kg	700	700
Z aixs rotate angle	°	/	±45°
2（2nd）axis control	-	Motorized	Motorized
DRO	-	3 axis DRO	3 axis DRO
Z aixs depth setting	-	Standard	
Max drilling setting	mm/min	50~60mm/min Depends on the material and electrode	
Max current	A	30A	
Coolant	-	Purity water,Tap water,working solution	
Power supply	V/Hz	380V/50Hz	
Max consumed power	KVA	3.5KVA	
Nos of CNC axis	-	ZNC	

EDM Machine

Multiaxis CNC Drill EDM

Specifications	Unit	E-BDM703A-400CNC	E-BDM703-500CNC
Worktable size	mm	466×330	590×410
Worktable travel	mm	400×320	500×400
Z aixs travel (2nd)	mm	300+(300)	300+ (300)
Drill depth	mm	0-300	0-300
Max drilling speed	mm/min	50~60mm/min (Depend on meterial and electrode)	
Max current	mm	30	30
Electrode diameter	mm	φ0.3-φ3.0	φ0.3-φ3.0
Working loading weight	kg	300	300
Machine dimension	mm	1217×1251×1988	1660×1580×1920
Machine weight	kg	1100	1500
Max consumed	KVA	5	5
Coolant		Purity water,Tap water,working solution	
Power supply	V/Hz	380V/50Hz	
2 (2nd)axis control	-	Motorized	Motorized
NC axis and coordinates	-	3axis	
Z aixs depth setting	-	Standard	
Clamp type	-	Trabeated	
Coolant tank	-	Options	
Options	-	detect bar,spray system	

Swivel Head Slotting Machine

Specifications		S-100	S-125
Maximum pin stroke (mm)		100	125
Minimum number of strokes (times/minute)		60	60
Maximum number of strokes (times/minute)		350	350
Spindle speed change		6 grade	6 grade
Knife holder rotation angle		90	90
Workbench size (mm)		1000×240	1000×240
Workbench stroke (mm)		500×230	500×230
Motor power (W)		250	370
External dimensions (mm)		1200×1000×1800	1200×1000×1800
Net weight/gross weight (Kg)		400/450	400/450
Attachment 1: Installation dimensions	Matching T-bolt indexing circle (mm)	150	150
	Knife holder rotation angle	360	360
	Matching T thread (mm)	M12×80	M12×80

Note: The installation size data is for selection only, and other sizes can be ordered according to user needs.

Slotting Machine

Specifications	Unit	S-B5020E	S-B5032E	S-B5040E
Max.slotting length	mm	200	320	400
Number of ram reciprocation per minute	No./min	32, 50, 80, 125	20, 32, 50, 80	20, 32, 50, 80
Inclination of ram	°	0-8	0-8	0-8
Diameter of worktable	mm	φ500	φ630	φ630
Adjusting vertical distance of slide block	mm	215	360	320
Distance from tool holding surface to column front	mm	480	600	600
Distance from worktable surface to underside of slide rack	mm	300	445	620
Max longitudinal travel of worktable	mm	300	445	620
Max tranverse travel of worktable	mm	450	560	560
Max.rotary angle of worktable	°	360	360	360
Feed range of worktable in Longitudinal & transverse direction	mm	0.054-1.24	0.054-1.24	0.054-1.24
Rotary feed range of worktable	°	0.035-0.805	0.035-0.805	0.035-0.805
Max size of slotting tool (Length×High)	mm	25×40	25×40	25×40
Max.slotting force	KN	5	8	8
Max loading weight on worktable	kg	400	500	500
T-slot width in the center of worktable	mm	18H8	18H8	18H8
Power supply of main electric motor	kw	3	3	3
Speed of main motor	r/min	1420	960	960
Power of motor for rapid traverse	Kw	0.75	0.75	0.75
Speed of motor for rapid traverse	r/min	1390	1390	1390
Net weight (approx)	kg	2200	2500	2900
Dimension of machine tool (Length×Width×High)	mm	1717×1221×1885	1930×1365×2270	1975×1370×2310
Working accuracy				
Flatness of machine surface on tested workpiece	mm	0.015	0.015	0.02
Vertical of machined surface on tested workpiece	mm	0.02	0.02	0.025
Vertical of machined side surface on tested workpiece against base	mm	0.02	0.02	0.025
Surface roughness on tested workpiece		Ra 6.3	Ra 6.3	Ra 6.3

CNC Universal Cutter Grinder

6-axis CNC Tool Grinder

Specifications	Unit	G-T6/M6
Grinding spindle		
Dual end spindle direct control form	mm	φ25
Power	kw	7.5/20/30
Grinding speed (variable frequency speed regulation)	rpm	6000/9000/12000
Stroke		
X-axis	mm	T6: 470/T6A: 470/M6: 300mm
Y-axis	mm	T6: 470/T6A: 280/M6: 700mm
Z axis	mm	T6: 250/T6A: 250/M6: 280mm
Maximum operating speed of linear axis	m/min	10m/min
B-axis rotation range	°	360
Workpiece rotation axis (C-axis)		
Maximum speed	rpm	300
Standard cone hole form	-	W20/W25
Grinding software		
measurement system	-	Renishaw/XF
CNC system	-	BP/SYNTEC
Grinding workpiece range		
Grinding range of workpieces	mm	0.8-16/25
Length	mm	200
Linear axis control resolution	mm	0.0001
Rotation axis control resolution	°	0.0001
Mechanical arm loading and unloading		
Diameter of workpiece handle	mm	3 --25
Maximum length of workpiece	mm	150
Maximum loading quantity	pcs	≥600
Connecting Loads		
380V/50Hz	kw	15/30/40
Location area		
L×W×H	mm	2250×2450
Machine weight		
Weight	kg	4500

CNC Vertical Universal Grinding Machine

Specifications	Unit	G-LM500/BP850
Grinding ability		
Grinding range of inner hole of workpiece	mm	40-300/600
Grinding length of inner hole of workpiece	mm	220/300
Maximum outer diameter of workpiece	mm	500/850
Maximum grinding length of the workpiece	mm	250/400
Stroke		
X-axis	mm	900/850
Z-axis	mm	360/750
Workpiece rotation axis (C-axis)		
Maximum speed (mechanical/direct drive)	rpm	300
Workpiece positioning method	-	Magnetic suction cups or chucks
Measurement system	-	Renishaw
CNC system	-	BP/SYNTEC
Outer spindle (500)	rpm	15KW/5000RPM
Inner spindle (500)	rpm	25KW/15000RPM
Outer spindle (850)	rpm	15KW/500RPM
Outer spindle (850)	rpm	25KW/15000RPM
Processing accuracy		
True roundness	mm	0.002
Coaxiality	mm	0.003
Cylindricity	mm	0.003
Right angle	mm	0.003
Roughness	um	Ra0.4
Positioning accuracy	mm	0.0035
Repetitive positioning accuracy	mm	0.0025
Connecting loads	Kw	25
Land occupation area	mm	2550×2100×2500
Weight	Kg	7500/10000

Universal Cutter Grinder

13D Sample

26D Sample

Drill Bit Sharpener

- ☐ Standard equipment: 13# 11 collets; 26# 14 collects, One CBN wheel
- ☐ Standard grinding wheel: CBN wheel（For HSS）
- ☐ Optional: SD wheel（for carbide）

Specifications	Unit	G-MR13D	G-MR26D
Grinding range	mm	φ3-φ13 (φ15)	(φ8) φ13-φ26 (φ32)
Point angle	°	100° (95°)-135°	95°-135°
Power	V/Hz	220V 50/60Hz	220V 50/60Hz
Motor	W	120	250
Speed	rpm	4400	4400
Grinding wheel	-	CBN/SD	CBN/SD
Dimension	mm	385×180×193	489×254×262
Weight	kg	8.9	30.9

Universal Drill Grinder

Specifications	Unit	G-MR-60A/80A
Grinding range	mm	φ10 (φ3) φ60 (φ80)
Point angle	°	30°-180°
Power	V/Hz	220V 50Hz
Motor	W	500
Speed	rpm	2800
Grinding wheel	mm	φ200
Dimension	mm	755×525×725
Weight	kg	136/142

End Mill Sharpener

- ☐ Standard grinding wheel: SD wheel (for carbide)
- ☐ Optional: CBN wheel (for HSS)

Specifications	Unit	G-MR-X3E
Grinding range	mm	φ4-φ12 (φ20)
Power	V/Hz	220V 50Hz
Motor	W	200W
Speed	rpm	4400rpm
Grinding wheel	-	CBN×SD
Dimension	mm	342×292×319
Weight	kg	12

Universal Tool Grinder

Specifications	Unit	G-U3
Collet diameter	mm	φ3-φ16
Power	V/Hz	220V/380V 1/3HP 50Hz
Speed	rpm	5300rpm
Grinding wheel	-	φ100×50×φ20
Dimension	mm	515×410×410
Weight	kg	50

Universal Tool Grinder

Specifications	Unit	G-6025
Worktable diameter	mm	350
Work traveling	mm	150
Work area	mm	130×675
Grinding wheel size	mm	φ150×16×φ32
Power/Speed	rpm	5000
Motor	HP/V	3/4HP 200V/380V
Dimension	cm	745×745×85
Weight	kg	208/230

Bench Grinder

Specifications	G-BG125G	G-BG150R	G-BG200R
Wheel Size	5" φ125x16xφ12.7mm	6" φ150x16xφ12.7mm	8" φ150x20xφ16mm
Rated Input Power	120W	250W	350W
No-load Speed/50Hz	2950RPM	2950RPM	2950rpm
No-load Speed/50Hz	3450RPM	3450RPM	3450rpm
Packing Size	290×175×205mm	365x190x240mm	370x260x280mm
Net/Gross Weight	3.8/4.0kg	5.7/6.2kg	9.5/10kg
Loading/20GP	2690	1780	1040

Industrial Motorised Hydraulic Press

Specifications	P-CSP30	P-CSP60	P-CSP150	P-CSP100	P-CSP200
Capacity (ton)	30	60	150	100	200
Stoke (mm)	249	298	348	348	348
Working Width (mm)	701	1048	1248	1048	1248
Working Height (mm)	1019	966	838	993	736
NW (kg)	512	1204	2769	1814	3568
GW (kg)	575	1262	2838	1868	3637
Pakage (cm)	110×68×185	180×90×200	220×105×220	175×100×220	224×110×220

Column-Type Hydraulic Press Machine

Four-column Universal Hydraulic Press

Specifications		Four-column hydraulic press								
		Unit	P-YW32-160B	P-YW32B-315A	P-YW32-400A	P-YW32-500B	P-YW32-1250B	P-YW32-2500B	P-YW32-3000	P-YW32-5000
Nominal force		KN	1600	3150	4000	5000	12500	25000	30000	50000
Return force		KN	320	600	840	1000	2500	3000	6500	5000
Ejection force		KN	400	630	630	1000	2000	400	8000	8000
Evacuation		KN	190	320	320	450	1060	1060	1680	1680
Maximum Working pressure of liquid		Mpa	25	25	25	25	25	25	25	25
Slider stroke		mm	700	800	800	900	900	900	1200	900
Ejection trip		mm	250	300	300	350	450	450	450	350
Opening height		mm	1000	1250	1300	1500	1600	1800	1800	1500
Slider stroke speed	Downlink	mm/s	120	100	100	100	80	100	120	100
	Jobs	mm/s	12	10	10	10	8	10	10	8
	Return journey	mm/s	100	60	60	80	50	60	80	80
Working desk size	about	mm	1000	1260	1260	1400	2000	2500	4000	12000
	Before and after	mm	800	1160	1200	1400	1800	2380	2500	1600
Machine Dimensions	about	mm	2500	3260	3260	4630	5200	6600	9000	12100
	Before and after	mm	2000	2580	2580	2800	4300	4500	4600	3700
	Height on the groud	mm	3360	4300	4500	5200	6450	8450	10000	7850
Workbench is higher than the ground		mm	470	650	650	760	650	800	800	800
Total motor power		Kw	11	15	22	37	60	≈250	≈180	≈450
Remarks										

Column-Type Hydraulic Press Machine

Four-column Single-Action Thin Plate Punching Hydraulic Press Machine

Specifications		Four-column hydraulic press										
		Unit	P-YW27K -315	P-YW27K -400	P-YW27K -500	P-YW27K -630	P-YW27K -800	P-YW27K -1000	P-YW27K -1250	P-YW27K -1600	P-YW27K -1800	P-YW27K -2400
Nominal force		KN	3150	4000	5000	6300	8000	10000	12500	16000	18000	2400
Maximum Working pressure of liquid		KN	25	25	25	25	25	25	25	25	25	25
Opening height		Mpa	1250	1250	1500	1500	1600	1600	1800	2000	2000	1900
Hydraulic cushion		mm	1600	1000	2000	2500	3000	4000	5000	5000	5500	6000
Hydraulic pad travel		mm	300	300	300	350	350	350	400	400	450	550
Slider stroke		mm	800	800	900	900	1000	1000	1200	1400	1500	1500
Slider stroke speed	Downlink	mm/s	100	100	100	150-200	100	150-200	150-200	150-200	250-300	250-300
	Jobs	mm/s	8-22	6-10	10-15	10-15	10-15	15-20	10-20	10-12	25-35	15-25
	Return journey	mm/s	60	55	70	100	70	100	100	120	250	250
Working desk size	about	mm	2600	1600	2400	3000	3600	3000	4500	4500	5000	5000
	Before and after	mm	1500	1200	1400	1500	2400	2000	2500	2300	2800	2500
Machine Dimensions	about	mm	2000	1200	1900	2200	2900	2300	3700	3700	4150	4000
	Before and after	mm	950	800	1000	1000	1780	1250	1800	1600	2050	1800
Total motor power		Kw	22	22	2×22	2×30	2×30	4×30	4×37	4×55	6×55	6×75

Column-Type Hydraulic Press Machine

Double Acting Thin Plate Stretching Hydraulic Press

Specifications		Four-column Hydraulic Press										
		Unit	P-YW28 -63/100	P-YW28 -100/140	P-YW28 -200/300	P-YW28 -315/400	P-YW28 -400/500	P-YW28 -400/630	P-YW28 -500/800	P-YW27K -1200/1800	P-YW27K -1600/2100	P-YW27K -2000/2600
Nominal force		KN	1000	1400	3000	4000	5000	6300	8000	18000	21000	26000
Maximum Working pressure of liquid		Mpa	25	25	25	25	25	25	25	25	25	25
Stretching slider stretching force		KN	630	1000	2000	3150	3000	4000	5000	12000	16000	20000
Blanking slider blanking force		KN	2×200	2×200	4×250	4×250	4×500	4×630	4×800	4×1500	4×1250	4×1500
Ejection force		KN	190	190	630	630	630	1000	1600	1600	16000	16000
Blanking slider center hole size		mm	φ260	φ330	φ420	φ500	800×600	1400×800	900×550	3540×1970	1840×1200	2040×1840
Stretch slider opening height		mm	1100	1100	1480	1650	2000	2200	2020	2600	2000	4500
Blanking slider openning height		mm	590	550	900	1000	1100	1450	1500	2400	2000	4500
Strech slider stroke		mm	600	600	700	800	900	800	900	1350	1000	2000
Blanking slider stroke		mm	300	300	400	400	400	900	900	1350	1000	2000
Ejcetion cylinder stroke		mm	200	200	300	300	300	350	350	400	400	400
Stretch slider speed	Downlink	mm/s	120	120	100	100	150	120	100	120-150	120-150	120
	Jobs	mm/s	12-14	10-14	12-18	6-10	20-24	10-16	10-15	15-20	10-15	10-16
	Return journey	mm/s	120	120	80	60	160	80	80	100	100	80
Stretch slider size	about	mm	720	720	1000	1260	1500	2500	1600	3500	1800	2000
	Before and after	mm	580	620	900	1200	1500	1700	1600	1930	1200	1800
Blanking slider size	about	mm	720	720	1000	1260	1500	2500	1600	4500	2600	3500
	Before and after	mm	580	620	900	1200	1500	1700	1600	2500	2200	3500
Working desk size	about	mm	720	720	1000	1260	1500	2500	1600	4500	2600	3500
	Before and after	mm	580	620	900	1200	1500	1700	1600	2500	2200	3500
Total motor power	Total motor	Kw	7.5	7.5	22	22	2×30	2×22	2×30	4×37	4×37	4×37

Column-Type Press Machine

Pneumatic Friction Clutch High Performance Press

Specifications	Unit	P-JF21-63	P-JF21-80	P-JF21-100	P-JF21-125	P-JF21-160	P-JF21-200	P-JF21-250	P-JF21-315	P-JF21-400
Nominal force	KN	630	800	1000	1250	1600	2000	2500	3150	4000
Nominal power stroke	mm	4	4.5	5	5	6	6	6	6	6
Slide stroke	mm	120	120	140	160	180	200	200	220	220
Slider trips	times/min	60	50	50	50	45	40	40	38	38
Max die height	mm	270	300	320	370	400	450	450	500	500
Die height adjustment	mm	60	80	90	100	110	110	110	120	120
Between slide center and frame	mm	270	300	320	370	400	450	450	500	500
Table size (front x left)	mm	500×580	570×860	650×1000	700×1100	760×1200	840×1400	880×1500	940×1700	940×1850
Table plate hole size	mm	φ160	φ160	φ160	φ160	φ180	φ200	φ250	φ250	φ250
Bolster thinkness	mm	80	90	110	120	150	180	180	200	200
Slider base size (F×BxL×R)	mm	400×480	430×560	480×580	520×620	580×700	650×880	700×930	720×1000	720×1000
Shank hole size (Dia x Depth)	mm	φ50×60	φ65×80	φ65×80	φ70×80	φ70×100	φ70×100	φ70×100	φ70×100	φ70×100
Between columns	mm	560	590	640	640	660	820	950	1050	1050
Motor power	kw	4/5.5	4/7.5	4/7.5	6/11	6/15	6/15	6/22	6/30	6/37
Outline dimension (F×bxL×RxH)	mm	1615×1200 ×2570	1915×1385 ×2820	2100×1390 ×3000	1900×1400 ×3350	2040×1480 ×3300	2370×1600 ×3600	2690×1600 ×3600	3400×1950 ×4100	3800×2200 ×4300
Total Weight	kg	5500	7500	9200	9800	13200	19500	20330	34700	43000

Column-Type Press Machine

Deep Throat Fixed Worktable Press

Specifications	Unit	P-JB21S-16	P-JB21S-25	P-JB21S-40	P-JS21S-63	P-JS21S-80	P-JS21S-100	P-JS21S-125	P-JB21S-160	P-JB21S-200	P-JB21S-250
Nominal force	KN	160	250	400	630	800	1000	1250	1600	2000	2500
Nominal power stroke	mm	5	6	6	8.5	8.5	10	10	6	6	6
Slide stroke	mm	55	80	80	120	120	130	140	160	160	160
Slider trips	times/min	120	60	50	50	50	45	38	40	36	35
Max die height	mm	220	220	250	270	270	340	380	400	400	400
Die height adjustment	mm	45	45	60	80	80	100	110	110	110	110
Between slide center and frame	mm	800	800	800	800	800	800	800	800	800	800
Table size (front x left)	mm	400×600	400×600	410×630	480×710	480×800	500×900	700×1100	750×1150	750×1150	800×1400
Table plate hole size	mm	φ120	φ30	φ180	φ180	φ180	φ180	φ200	φ220	φ180	φ220
Bolster thickness	mm	50	50	70	70	80	90	110	130	160	160
Silder base size (F×B x L×R)	mm	180×200	180×200	190×210	270×310	270×310	320×400	340×450	430×510	430×510	600×780
Shank hole size (Dia x Depth)	mm	φ40×60	φ40×60	φ50×70	φ50×70	φ50×70	φ60×75	φ60×75	φ70×80	φ70×80	φ70×100
Between columns	mm	200	260	400	480	460	460	460	560	670	700
Motor power	kw	6/2.2	4/3	4/4	6/5.5	6/11	4/7.5	6/11	6/15	6/18.5	6/22
Outline dimension	mm	1400×780 ×1950	1890×800 ×1950	1970×1100 ×2300	1980×1100 ×2350	2260×1265 ×2450	2430×1490 ×2850	2560×1640 ×3400	2260×1710 ×3480	2880×1900 ×3890	3800×2200 ×4300
Total Weight	kg	2050	2400	3820	4610	6100	7200	11200	14500	19200	24600

Wood Saw Machine

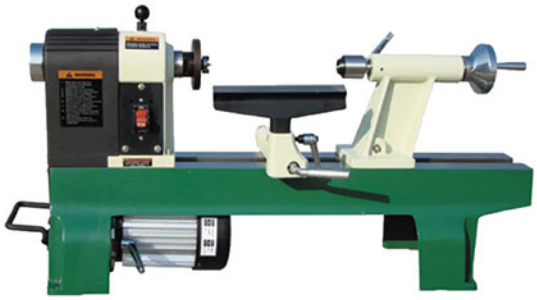
Specifications	Unit	SS-13W	SS-16W
Max.cutting thickness	mm/"	85mm/3.35"	85mm/3.35"
Max.cutting Swing	mm/"	330mm/13"	400mm/16"
Work table tilt	°	0-45°	0-45°
Motor power	W	125	125
Speed range	rpm	750-1500	750-1500
Work table size	mm	250×330	250×330
Packing size	mm	41×38×18	48×39×18
N.W./G.W	kg	11/12	12.5/14

Specifications	Unit	SS-16EW	SS-16EC
Max.cutting Thicknes	mm/"	50mm/2"	50mm/2"
Max.cutting swing	mm/"	400mm/16"	400mm/16"
Work table tilt	°	0-45°	0-45°
Motor power	W	90	125
Speed range	rpm	750-1500	750-1500
Work table size	mm	254×414	254×414
Flexible shaft	-	NO	YES
Flexible work light	-	Optional	Standard
Packing size	mm	64×29×34	66×29×34
N.W/G.W	kg	14/15	15/16

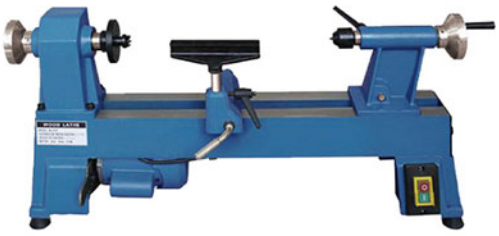
Specifications	Unit	W-9" SAW	W-10" SAW	W-14" SAW
Motor Power	W	300	375	1100
Throat	mm	230	245	340
Cutting Depth	mm	90	152	225
Speed Change	/	1	2	2
Speed	m/min	635	400/800	370-800
Table Angle	°	0-45°	0-45°	0-45°
Blade Size	mm	1575×3-9.5	1826×3-12.5	2560×6-25
Weight	kg	23/20	41/38	73/70
Packing Dimensions	mm	880×450×330	1015×450×380	1350×440×580

Wood Lathe

Specifications	Unit	TMC1000A
Distance btw Centers	mm	1000
Turning Diameter	mm	350
Class of Speed	Steps	4
Spindle Speed/50Hz	rpm	850-2600
Spindle Speed/60Hz	rpm	980-3010
Rated Input Power	W	375/550
Packing Size	mm	870×220×370
Net/Gross Weight	kg	23.5/25
Loading/20GP	-	420



Specifications	Unit	TL-406
Horsepower	W	0.37
Amps	A	6.6
Swing over bed	mm	305
Swing over tool rest base	mm	241
Working distance between centers	mm	406
Number of speeds	-	6
Range	m/min	131, 246, 375, 552, 814, 1188
Spindle nose in x TPI	mm	25×8
Headstock taper	-	MT-2
Tailstock taper	-	MT-2
Ram travel	mm	63
Height	mm	813
Width	mm	267
Depth	mm	483
Net Weight	kgs	40
Packing size	cm	86×46×29



Specifications	Unit	WL1018
Distance btw Centers	mm	457
Turning Diameter	mm	254
Class of Speed	Steps	5
Spindle Speed/50Hz	rpm	500-3150
Spindle Speed/60Hz	rpm	600-3780
Head and Tailstock Taper	-	MT2
Rated Input Power	W	375/550
Packing Size	mm	800×420×300
Net/Gross Weight	kg	30/32
Loading/20GP	-	245

Specifications	Unit	WL900
Distance btw Centers	mm	900
Turning Diameter	mm	310
Class of Speed	Steps	7 (Fast Change)
Spindle Speed/50Hz	rpm	500-2000
Spindle Speed/60Hz	rpm	600-2400
Head and Tailstock Taper	-	MT2
Rated Input Power	W	550
Packing Size	mm	1410×350×400
Net/Gross Weight	kg	73/78
Loading/20GP	-	150

Multifunctional Woodworking Machine

Specifications	Unit	VM2500E	VM2200R
Max.one-way planing thicknes	mm	250	250
One-way planing depth	mm	0-3.5	0-3.5
Max.sawing depth	mm	100	85
Max.planing thickness with use of clamping device	mm	250	250
Max thickness of clamped object	mm	60	60
Range of cutting and planing angles at using devices	°	0-45	0-45
Rated diameter of saw-blade	mm	280	250
Quantity of knives	pcs	2	2
Knife length	mm	250	250
Saw table dimensions LxW	mm	750×510	750×510
Dimensions of the tables (mobile and immobile)at paning LxW	mm	882×318	1000×318
Table dimensions at milling/drilling,LxW	mm	370×200	370×200
Rated idle RPM	revs/min	5500	5500
Rated input power	KW	2.5	2.2
Working mode of electric motor	-	S6-40	S6-40
Packing size	cm	92×59×33	104×53×54
N.W/G.W	kg	60/63	78/82

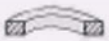
Specifications	Unit	TDM260	TDM410
Planing width	mm	260	410
Table length	mm	1050	1800
Max.cutting depth	mm	3	5
Min/max. thickness height	mm	3-160	3-225
Feeding speed	m/min	6	6
Fence tilt	°	90-45	90-45
Motor power	KW	2.2	3
Packing size	cm	118×59×95	183×67×98
N.W./G.W.	kg	211/251	420/490

Mortiser Machine

Specifications	Unit	VM-01
Table size	mm	210×360
Cross travel	mm	85
Longitudinal travel	mm	80
Drill chuck size	mm	13
Speed	rpm	3450
Motor	kw	0.75
Packing size	cm	93×57×56
N.W/G.W.	kg	82/98

Specifications	Unit	MGx16	MGx20R
Table size	mm	545×265	595×316
Cross travel	mm	170	215
Longitudinal travel	mm	220	260
Vertical stroke	mm	150	145
Drill chuck size	mm	16	20
Speed	rpm	2800	1400/2800
Motor	kw	2.2	1.5/1.9
Packing size	cm	86×66×133	106×88×133
N.W./G.W.	kg	172/215	240/285

Round Bending Machine

Specifications	B-RBM40HV	
Dia. Of roller	φ40mm	
Power	1.5kw/2HP	
Spindle speed	9.3r/min	
Packing size	140×95×130cm	
N.W./G.W.	425/495KGS	
Capacity	Size (mm)	Min Dia. (mm)
	50×10	600
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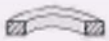
	50×6	600
	30×3	500
	50×6	600
	30×3	500
	60×40×6	600
	30×15×4	900
	60×40×6	600
	30×15×4	900
	50×5	500
	30×4	500
	50×5	500
	30×4	500
	φ30	650
	φ10	1100
	50×50×2.5	700
	30×30×2	800
	50×25×2.5	800
	40×20×2	1000

Specifications	B-RBM50HV	
Dia. Of roller	φ50mm	
Power	2.2kw/3HP	
Spindle speed	13r/min	
Packing size	100x82x155cm	
N.W./G.W.	450/582KGS	
Capacity	Size (mm)	Min Dia. (mm)
	60×10	500
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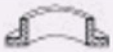
	100×15	920
	60×10	1150
	35×35	600
	20×20	780
	60×7	750
	50×5	700
	60×7	750
	50×5	700
	80×45×6	600
	65×40×5	550
	80×45×6	650
	65×40×5	550
	60×5	500
	50×5	500
	60×5	700
	50×5	700
	φ35	600
	φ30	650
	60×60×3	600
	40×40×3	500
	70×50×3	1200
	50×40×3	800

Hydraulic Metal Tubing Bender

Specifications	B-HB-12	B-HB-16
Max.perssure (ton)	12	16
Max.ram strike (mm)	240	240
Packing dimension (cm)	63×57×18	82×62×24
N.W/G.W. (kg)	40/43	85/88

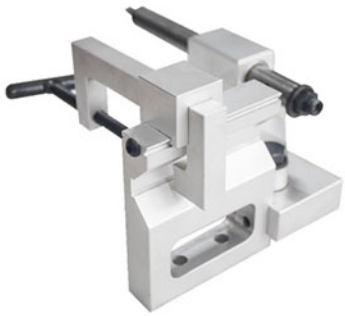
Note: This machine with six sets standard dies , the size is 1/2", 3/4", 1", 1-1/4", 1-1/2", 2".

Tube Notcher

TN001

3-Inch Tube Notcher

- ☐ Designed for 3/4″to 3″Tubing (o.d.)
- ☐ Solid Steel Construction
- ☐ Use with Any 1/2″ Hand Drill
- ☐ Accepts Standard Hole Saw Cutters
- ☐ Hardened and Ground Spindle
- ☐ Superior Needle Bearing Support
- ☐ Adjustable Angle to 50 Degrees with Engraved Scale
- ☐ Mount to Bench Top or Clamp in Bench Vise



TN002

3-Inch Alu Offset Tube Notcher

- ☐ Designed for 3/4″to 3″Tubing (o.d.)
- ☐ Solid Steel Construction
- ☐ Use with Any 1/2″ Hand Drill
- ☐ Accepts Standard Hole Saw Cutters
- ☐ Hardened and Ground Spindle
- ☐ Superior Needle Bearing Support
- ☐ Adjustable Angle to 50 Degrees with Engraved Scale
- ☐ Mount to Bench Top or Clamp in Bench Vise

TN003

2-Inch Tube Pipe Notcher

- ☐ From 0 to 60 degrees in 1 degree increments
- ☐ Use with 1/2 in. chuck
- ☐ 2 in. pipe capacity
- ☐ Adjustable mounting bracket
- ☐ All steel, chrome-plated frame
- ☐ Accepts 1/2 in. and 5/8 in. threaded arbor hole saws
- ☐ works with electric drill or drill press to make round cuts in pipes and tubing of various shapes at any angle up to 60 degrees, in one degree increments.
- ☐ The pipe holder and base are adjustable, which makes cutting compound notch angles easy.

Crane

SC001

1T Foldable Shop Crane

- ☐ Capacity: 1Ton
- ☐ Maximum hook height: 2200mm
- ☐ Legs spacing: 84 / 100cm
- ☐ Legs length: 146cm
- ☐ Height: 146cm
- ☐ Max Height: 220cm

SC002

1000LB Truck Crane

- ☐ Capacity: 1000LB
- ☐ Manual hydraulic lifting pump
- ☐ 360° continuous manual rotation
- ☐ Safety hook with latch
- ☐ 268×268mm base plate
- ☐ Lifting height (Base to hook): 2100mm
- ☐ Storage height folded (from base): 1350mm

SC003

2000LB Truck Crane

- ☐ Capacity: 2000LB
- ☐ Heavy duty construction
- ☐ 900kg, 700kg, 500kg, 300kg lifting positions
- ☐ 360º working angle
- ☐ Safety hook

Spring Compressor

HSC001

1T Spring Compressor

- ☐ Capacity: 1T
- ☐ Max Working Length: 440mm
- ☐ RAM Stock: 325mm
- ☐ Spring Size: 4~6-1/2inch
- ☐ N.W.: 35KG
- ☐ Meas: 125×30×19cm

HSC002

1000LB Truck Crane

- ☐ Capacity: 1000LB
- ☐ Manual hydraulic lifting pump
- ☐ 360° continuous manual rotation
- ☐ Safety hook with latch
- ☐ 268×268mm base plate
- ☐ Lifting height (Base to hook): 2100mm
- ☐ Storage height folded (from base): 1350mm

HSC003

2000LB Truck Crane

- ☐ Capacity: 2000LB
- ☐ Heavy duty construction
- ☐ 900kg, 700kg, 500kg, 300kg lifting positions
- ☐ 360º working angle
- ☐ Safety hook
- ☐ Can be fitted to the back of a Ute or Truck

HSC004

English wheel rolls forming machine

- ☐ Capactiy: 18Ga/1.2mm
- ☐ Throat Depth: 760mm/28inch
- ☐ Dimension: 150x90x60cm
- ☐ Weight: 130kg
- ☐ Wheel Anvil: 8pcs

Auxiliary Tooling

SB001

Workshop Sandblasting Cabinet

- ☐ Heavy-duty steel cabinet, includes stand and hopper
- ☐ Acrylic protective screen with replaceable shield
- ☐ Powder coated steel construction
- ☐ Internal LED lighting system
- ☐ Complete with gloves, gun & ceramic tips
- ☐ Recommended to be used with an optional dust collector system

SW001

3T Safe Jack Stand

- ☐ Capacity: 3ton
- ☐ Lifiting Rang: 300-467mm
- ☐ Support Inside Distance: 350mm
- ☐ Support Outside Distance: 410mm

SJS001

STUD WELDER KIT

- ☐ Idea for repair body dents, dings without drilling
- ☐ Panel Shops & Workshops
- ☐ High powered low heat transformer with
- ☐ resettable breaker
- ☐ Easy to manage D handle design

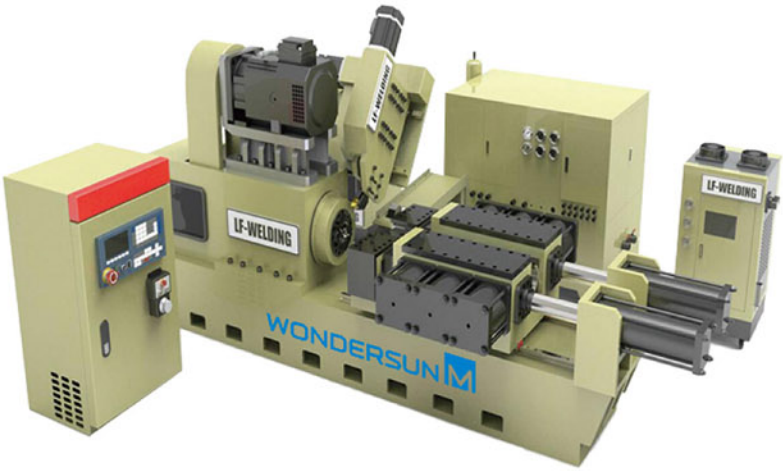
Straightening Machine

Specifications	Standard Model	Special Model
Main machine type	C type and gate type	Mobile C type and 4-column gate type
Loading capacity	5kN-50kN/100kN-800kN/1000kN-2500kN	1000kN-10000kN
Correctable shaft length	60-2000mm	1000-25000mm
Number of correcting points	1-16 point	
Number of measuring points	1-16 point	
Sensor resolution	0.001mm	
Repeated measurement accuracy	0.005mm	
Measurement mode	Round bar, semi-inclusive sheet, standard gear, laser measurement, ball pitch circle measurement	
Highest straightening precision	0.01mm	
Straightening beat	60-450 pieces/hour	

Features

- ☐ With automatic detection function, high measurement accuracy.
- ☐ With automatic straightening function, with intelligent self-learning function.
- ☐ With manual/automatic one-button switching function, you can switch the manual operation function as required when necessary.
- ☐ The use of door or four column frame, reduce the load inertia accurate positioning, low energy consumption, safe and reliable.
- ☐ Mechanical and electrical soft omnidirectional limit maximum correction, to ensure that the workpiece will not be excessive correction and fracture or crack.
- ☐ Independently developed software, which not only improves intelligence and technology, but also has remote diagnosis function to improve after-sales service efficiency.
- ☐ Huge database, which can flexibly analyze and store the data required by customers.
- ☐ Remote fault diagnosis function
- ☐ Input parameter self-check functio

Rotary Friction Welding



Joint Geometries

Rotary Friction Welding can join a wide range of part geometries.

TUBE TO TUBE | TUBE TO PLATE | TUBE TO BAR | TUBE TO DISK | BAR TO BAR | BAR TO PLATE

Specifications				
Model	Max.upset force(KN)	Max.welding area(mm)	Welding dia.	Speed(rpm)
F-DBS-2	20	20-140	5-13	5000
F-DBS-5	50	50-260	8-18	3000
F-DBS-12	120	150-700	14-30	1500
F-DBS-20	200	150-1020	14-36	1500
F-DBS-30	300	314-1600	20-45	1200
F-DBS-40	400	500-2400	25-55	1100
F-DBS-63	630	960-3400	35-64	1000
F-DBS-80	800	1300-5000	40-75	950
F-DBS-100	1000	1600-6000	45-86	890
F-DBS-125	1250	2000-7800	50-100	600
F-DBS-160	1600	4300-8792	89-160	580
F-DBS-200	2000	5100-12500	102-189	500
F-DBS-250	2500	3850-15500	70-140	500
F-DBS-320	3200	6400-20000	90-160	380
F-DBS-400	4000	8000-25000	100-180	350
F-DBS-500	5000	8000-31400	100-200	320
F-DBS-700	7000	8000-44000	100-240	320

Features

- ☐ Benefits of Friction WeldingWeld the same materials or dissimilar materials
- ☐ Quick cycle times Consistent weld joint part after part, no filler Weld odd shapes
- ☐ Friction Welding allows you to create rough part blanks that save on material cost:riction welding results in a bond that is typically stronger than the individual parts that have been joined.
- ☐ Friction welding can be used to join parts that are made of the same material, or parts that are made of dissimilar materials.
- ☐ Parts that are friction welded are used in virtually every industry including agricultural, automotive, aerospace, food and beverage, hydraulics, medical, oil, and more.

Electric Tapping Machine

Specifications	Unit	E-12	E-16	E-20	E-24	E-30	E-36
Tapping range	mm	M2-M12	M3-M16	M3-M20	M6-M24	M6-M30	M6-M36
Voltage	V	220	220	220	220	220	220
Power	W	600	600	600	1200	1200	1200
Speed	rpm	0-1000	0-312	0-250	0-200	0-200	0-150
Horizonal Stretch	mm	1100	1100	1100	1100	1100	1100
Vertical Stretch	mm	380	380	380	380	380	520
G.W.	kg	27	32	32	50	50	50

Chamfer Machine

High Speed Slid Rail Complex Chamfer

Specifications	Unit	C-R900H	C-R800B
Chamfering range	mm	0-6mm (copper and aluminum) R2, R3; 0-3 (4) mm (curve) R2, R3	0-3mm (Straight); 0-2.5mm (Curved)
Chamfering angle	°	220	15°-45°mm (Straight); 0-2.5mm (Curved)
Power	V/Hz	600	380V
Motor	W	0-1000	750
Speed	rpm	1100	7500/12000
Dimension	mm	380	529×449×600
Weight	kg	27	67

Side Chamfer

Specifications	Unit	C-R300
Chamfering range	mm	0-3(6)mm
Chamfering angle	°	15°-45°
Power	V	380
Motor	W	550
Speed	RPM	2800
Dimension	mm	542×402×310
Weight	kg	40

Portable Chamfer

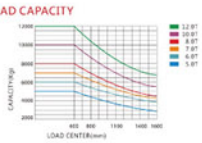
Specifications	Unit	C-R200/R200A
Chamfering range	mm	0-3(6)mm/0-3(9)
Chamfering angle	°	15°-45°
Power	V	380
Motor	W	550/750
Speed	RPM	2800/3000-6000
Dimension	mm	382×267×259
Weight	kg	13.5/11.5

Forklift

Specifications		Unit	F-CPCD50J	F-CPCD60J	F-CPCD70J	F-CPCD80J	F-CPCD100J	F-CPCD120J
Power type			Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Rated load		kg	5000	6000	7000	8000	10000	12000
Load center distance		mm	600	600	600	600	600	600
Lift height		mm	3000	3000	3000	3000	3000	3000
Free lift height		mm	172	172	182	182	150	85
Fork size	L×W×T	°	1220×150×60	1220×150×60	1220×150×70	1220×150×80	1370×175×85	1820×175×85
Mast tilt angle	FR/RR	mm	8\10	8\10	8\10	8\10	8\10	8\10
Minimum Turning Radius		mm	3580	3580	3580	3580	4280	4350
Minimum right angle stacking aisle width		mm	5490	5490	5500	5500	6307	8250
Minimum right angle aisle width		mm	3670	3670	3670	3670	4140	3877
Minimum ground clearance	Frame center	mm	250	250	250	250	340	406
	Mast bottom	mm	185	185	185	207	232	260
Height of overhead guar		mm	2500	2500	2500	2500	2600	2650
Overhang (FR)		mm	610	610	620	640	727	756
Maximum Travel speed	Full load	km/h	22	22	22	22	20	26
	No load	km/h	25	25	25	25	24	28
Maximum lift speed	Full load	mm/s	460	460	460	400	350	286
	No load	mm/s	520	520	520	430	370	305
Maximum drawbar pull	Full load	KN	53	53	53	53	60	112
Maximum gradeability		%	30	28	22	20	20	20
Overall Length	Without forks	mm	3630	3630	3640	3640	4252	4528
Overall width		mm	2045	2045	2045	2045	2268	2350
Mast height at Maximum lift		mm	4415	4415	4415	4415	4280	4655
Mast lowered height		mm	2510	2510	2510	2510	2845	3230
Tires	Front wheel		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-18PR	9.00-20-14PR	10.00-20-18PR
	Rear wheel		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-18PR	9.00-20-14PR	10.00-20-18PR
Wheelbase		mm	2300	2300	2300	2300	2800	2950
Tread	Front wheel/rear wheel	mm	1520/1700	1520/1700	1520/1700	1520/1700	1600/1700	1674/1890
Self weight	Without load	kg	8760	9530	9970	10300	13640	16000
Battery	Voltage/Capacity	V/Ah	24/160					
Engine	Model		YC4A125-T300	YC4A125-T300	YC4A125-T300	YC4A125-T300	YC4A125-T300	CA6DF/YCA07 160-T300
	Rated output	kw/rpm	92/2200	92/2200	92/2200	92/2200	92/2200	118/2200/118/2200
	Rated torque	Nm/rpm	480/1600-1800	480/1600-1800	480/1600-1800	480/1600-1800	480/1600-1800	640/1300-1700/650/1300-1600
	Bore×stroke	mm	108×132	108×132	108×132	108×132	108×132	110×125/108×125
	Number of cylinders		4	4	4	4	4	6
	Displacement	L	4.837	4.837	4.837	4.837	4.837	7.12/6.87
Fuel tank capacity		L	200	200	200	200	200	215
Transmissions (FWD/RWD)			2/2 eletro-hydraulic directional valve					
Operating pressure		Mpa	19.5					
Tire type (FR/RR)			Pneumatic					
Number of wheels (FR/RR)		pcs	4/2					
Lowering speed (full load)		mm/s	460	460	460	500	410	383
Lowering speed (no load)		mm/s	350	350	350	350	320	330
Axle load distribution (full load)(FR/RR)		kg	-	-	13870/2150	-	21400/2420	25175/2825
Axle load distribution (no load)(FR/RR)		kg	-	-	3990/5840	-	6160/7480	6435/9565

Calculation of minimum right angle stacking aisle width: Pallet size:1100mmx1100mm，[total clearance(FR/RR): 100 mm]

LOAD CAPACITY



STANDARD

- ☐ Torque converter dipstick
- ☐ Standard forks
- ☐ Standard seat
- ☐ Charging indication
- ☐ Backrest
- ☐ Backup light
- ☐ Back-up buzzer
- ☐ Side mirror
- ☐ Lamp bracket
- ☐ Electric horn
- ☐ 2-piece selector valve
- ☐ Engine choke
- ☐ Direction switch
- ☐ Combination taillight
- ☐ Rain cover of overhead guard
- ☐ Durable rib tire
- ☐ neutral gear indication
- ☐ Air cleaner clogging alarm
- ☐ neutral gear indication
- ☐ Air cleaner clogging alarm
- ☐ WFOV mast
- ☐ Cable type parking brake
- ☐ Lift/tilt lever
- ☐ Lift circuit governor valve
- ☐ Drawbar pin
- ☐ Tilt adjustable steering wheel
- ☐ Tilt circuit self-locking valve
- ☐ Full hydraulic power steering
- ☐ Overhead air intake system
- ☐ Handle
- ☐ Hand brake switch
- ☐ Coolant temperature gauge
- ☐ Tool kit
- ☐ Overhead headlight
- ☐ Battery
- ☐ Cyclone air cleaner
- ☐ Pointer type instrument cluster
- ☐ LCD instrument cluster
- ☐ Hydraulic return filter element
- ☐ Hydraulic suction filter element
- ☐ Hydraulic oil scale
- ☐ Oil pressure alarm
- ☐ Key switch
- ☐ Turn signal light

OPTIONS

- ☐ Various attachments
- ☐ 2-3 stage full free mast
- ☐ Deluxe seat
- ☐ High exhaust
- ☐ Lengthened forks
- ☐ Lengthened fork cover
- ☐ Cab
- ☐ Cab heater
- ☐ Cab air condition
- ☐ Solid tire
- ☐ Double air filter
- ☐ Rotating beacon
- ☐ Small fan

Note: the vertical axis represents the CAPACITY and the horizontal axis represents the LOAD CENTER.The calculation of LOAD CENTER starts with the frontage of fork. The basic point of standard load refers to the center of a cube with load side 1000mm long.The CAPACITY will drop if the mast tilts forwards, a non-standard fork is adopted or the load width is excessive. The CAPACITY at the LOAD CENTER could be timely learnt of through the load curve.

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