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DINGNUO MACHINERY
 JINAN DINGNUO MACHINERY CO., LTD



**CNC MACHINE MANUFACTURER
 IN THE ERA OF
 NETWORK&INTELLIGENT**

**CNC LATHE
 CNC TURNING & MILLING LATHE
 SWISSTYPE CNC LATHE
 HI-SPEED MACHINING CENTER**

**JINAN DINGNUO MACHINERY CO., LTD
 JINAN HAUYUANWEIYE TRADING CO., LTD**

ENTER INTO INDUSTRY AGE 4 STRY AGE 4

COMMITTED TO BUILD THE

Top Brand CNC MACHINE in China.

Gang Tool CNC Lathe
Swiss Type CNC Lathe
Hi-Speed CNC Machining Center

WEM ANUFACTURE:

1.CNC lathe machine: with comprehensive quality, appearance closer to Japan standard. Single model(CF36) is the best selling in Guangdong Pro.

2. CNC lathe with Y axis. Y axis have living tools in two direction. Integrated performance of these machine become the benchmark of this field .Light loading, turning and milling function combine, this machine compare favorably with Japan and Taiwan machine. Highly recommended machine!

3.Swiss type CNC lathe. JSTOMI subversive create a new gang tools lathe spindle on SWISS lathe, fill in the gaps of large thru hole in SWISS lathe. Main spindle and sub spindle with high rigidity while heavy cutting. We believe that this machine will gradually replace Japan SWISS lathe. Highly recommended machine!

4.CNC machining center: designed for the supply chain of SWISS lathe and CNC lathe customer. Our CNC machining center is in higher quality compare with other competitor.

WITH THE FAITH OF MAKING INTELLIGENTIIZE CNC LATHE, THE MOST MODERN PARTS WERE INTRODUCED TO IMPROVE THE CONFIGURATION, EVERY MOVING PARTS WILL ASSURE TO REALIZE ITS PERFECT PERFORMANCE..

WITH THE HELP OF STRONG POWER, HIGH HARDNESS AND FAST SPEED, OUR MACHINE WITH MULTI-FUNCTION CAN HELP YOU ACHIEVE DIVERSIFIED NEED.



C COMPANY IMAGE



Reception Hall



Machining Workshop



Machining Workshop



Assembling Workshop



Debugging Workshop

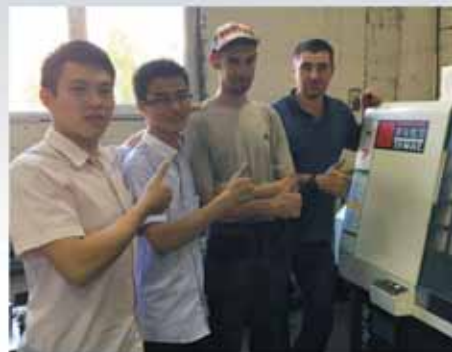


Debugging Workshop





SHENZHEN FOXCONN:
machining parts of iphone & ipad



RUSSIA:
machining aerospace accessories



DONGGUAN MEIHUA WATCH LIMITED:
machining watch shell



HUNAN THAIYON:
machining aero precision parts



FUJIAN JOMOO:
machining bathroom accessory



SHENZHEN BOWEN:
machining earphone & electrical cigarette



CHANGSHA SANY:
machining valve



WENZHOU XINGCHEN INDUSTRY:
manipulator production line

01 Gang Tool Lathe Series

CF36	P05
CFG36 / CZG36 / CFG46 /	P07
CZG46 / CFG56 / CZG56	

02 Turret Lathe Series

CFG46D / CZG46D	P09
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03 Tailstock Lathe Series

CB46DW / CB56DW	P11
CL46DW / CL56DW	

04 Turning & Milling Combine Lathe Series

B8D B10D	P13
Y2 Y3 Y3D	P15
B46X	

05 Heavy Cutting Turning Lathe Series

C20	P17
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06 High Accuracy Lathe Series

G20	P19
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07 Swiss Type CNC Lathe

A365 / B365	P23
A366 / B366	P25
A233	P27
A234	P29
A253	P31
A255	P33
A256	P35

08 Hi-speed Drilling & Tapping Center

T5 Hi-speed Drilling & Tapping Center	P39
T6 Hi-speed Drilling & Tapping Center	

09 Machining Center

V6 High Speed Machining Center	P41
V8 High Speed Machining Center	P43

10 Hi-speed Engraving & Milling Machine

DX3 High Speed Engraving Machine	P45
DX4 High Speed Engraving Machine	P46

Made in China Loved by the World

CNC GANG TOOL LATHE CF36



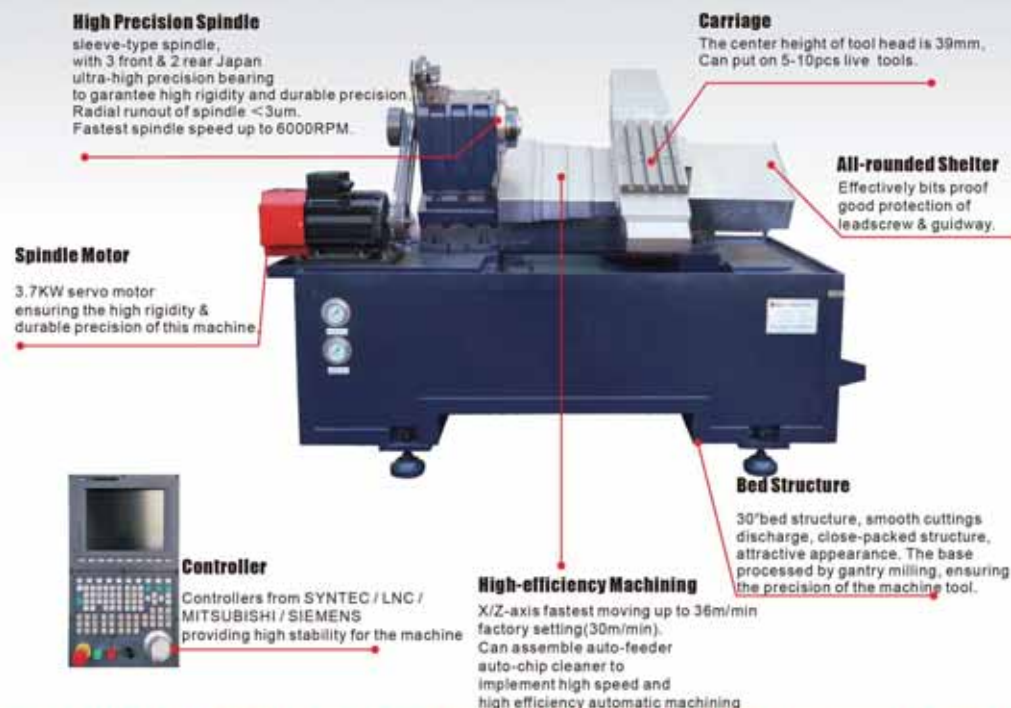
SPINDLE SPECIFICATION

Acceleration Performance	Acceleration Time	Deceleration Time
3500r/min	1 S	<1 S
4500r/min	1.8 S	<1.2 S
5000r/min	2.1 S	<1.8 S

PARAMETER

NC	LNC / SYNTEC / KND / MITSUBISHI / SIEMENS	5 SERIES / 6 SERIES
Capacity	Spindle bore	∅46mm
	Through max. material diameter	∅35mm
	Max. machining diameter	∅280mm
	Max. length of machining	180mm
	Max. travel of X-axis	630mm
	Max. travel of Z-axis	265mm
	X/Z-axis fast moving	36m/min
	Reposition accuracy	0.005mm
Motor	Center Height	39mm
	Converter motor/Servo motor	3.7kw
	Spindle speed	6000r/min
	X-axis servo motor	850W
Tools	Z-axis servo motor	850W
	Gang type tools	5-10
Others	Live tool	No
	Total installed capacity	7kw
	Size	1930X1335X1580
	N.W	2200kg

The sales volume of this machine ranked first in Guangdong



RECOMMENDED: SUITABLE FOR MACHINING LEAD PARTS & MIDDLE INDUSTRIAL PARTS.

FEATURES:

1. High accuracy machining, stay almost the same accuracy both cold or heat machine.
2. Own hi-tech installation technology, no hurt to leadscrew & guidway.
3. Fastest machining speed up to 6000RPM, high finished.
4. With high cost-effective & outstanding performance.
5. Up to 36m/min travel speed.

Configuration

Controller	LNC / SYNTEC / MITSUBISHI / SIEMENS	5 Series / 6 Series
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-4 / 36 Spindle
Servo Motor	JAPAN YASKAWA	850W
Spindle Servo Motor	DUOCOMOTOR / SFC	3.7KW
Servo Driver	MEGMEET	5.5KW
Leadscrew & Guidway	TAIWAN HIWIN / TAIWAN PMI	C3, Level PII
Bearing	JAPAN NSK / GERMANY FAG	Level P4
Leadscrew Coupler	GERMANY	Precision

Remark:
The parameter for reference only, it may change without notice.

CNC GANG TOOL LATHE



Linear Guide Ballscrew

CFG36/CZG36 CFG46/CZG46 CFG56/CZG56

High Precision Spindle

sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle <3um. Fastest spindle speed up to 6000RPM.

Carriage

The center height of tool head is 39mm. Size 525 x 260 mm. Can put on 5-10pcs live tools.

All-rounded Shelter

Effectively bits proof good protection of leadscrew & guideway.

High-efficiency Machining

Using high precision Class C3 ground ballscrew, fix-ends using NSK angular contact ball bearing, ensuring machining accuracy. X/Y-axis guideway with high rigidity, low resistance, up to 30m/min travel speed, reducing the machining time.

Spindle Motor

5.5KW servo motor ensuring the high rigidity & durable precision of this machine.



Controller

Controllers from SYNTEC / LNC / MITSUBISHI / SIEMENS providing high stability for the machine.

Bed Structure

45°bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

FEATURES:

1. Z-axis with leadscrew of $\phi 40$ mm, powerful & high speed.
2. Whole protection inside the machine with bigger space, waterproof and bits proof.
3. Fastest machining speed up to 6000RPM, high finished.
4. High accuracy machining, stay almost the same accuracy both cold & heat machine.
5. Up to 36m/min travel speed.
6. 36 spindle, 46 spindle, 56 spindle are available.
7. Casting base are available.

Configuration

Model		CFG36 / CZG36	CFG46 / CZG46	CFG56 / CZG56
Controller	LNC / SYNTEC MITSUBISHI / SIEMENS	5 Series / 6 Series		
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-4 / 36 Spindle	A2-4 / 46 Spindle	A2-4 / 56 Spindle
Servo Motor	JAPAN YASKAWA	850W	850W	850W
Spindle Servo Motor	DUOC MOTOR / SFC	3.7KW	5.5KW	5.5KW
Servo Driver	MEGMEET	5.5KW	7.5KW	7.5KW
Leadscrew & Guidway	TAIWAN HIWIN / TAIWAN PMI	C3, Level PII	C3, Level PII	C3, Level PII
Bearing	JAPAN NSK / GERMANY FAG	Level P4	Level P4	Level P4
Leadscrew Coupler	GERMANY	Precision	Precision	Precision

Remark:
The parameter for reference only, it may change without notice.

PARAMETER

3500r/min acceleration time 1S, deceleration time <1S

Model		CFG36 / CZG36	CFG46 / CZG46	CFG56 / CZG56
NC	LNC / SYNTEC MITSUBISHI / SIEMENS	5 Series / 6 Series		
Capacity	Spindle bore	$\phi 46$ mm	$\phi 56$ mm	$\phi 66$ mm
	Through max. material diameter	$\phi 35$ mm	$\phi 45$ mm	$\phi 52$ mm
	Max. machining diameter	$\phi 350$ mm	$\phi 350$ mm	$\phi 350$ mm
	Max. length of machining	180mm	180mm	180mm
	Max. travel of X-axis	720mm	720mm	720mm
	Max. travel of Z-axis	280mm	280mm	280mm
	X/Z-axis fast moving	36m/min	36m/min	36m/min
	Reposition accuracy	0.005mm	0.005mm	0.005mm
Motor	Center Height	60mm	60mm	60mm
	Converter motor/Servo motor	3.7KW	5.5kw	5.5kw
	Spindle speed	6000r/min	5000r/min	4500R/min
	X-axis servo motor	850W	850W	850W
Tools	Z-axis servo motor	850W	850W	850W
	Gang type tools	5-10		
Others	Live tool	No		
	Total installed capacity	9kw		
	Size	2025X1385X1910		
	N.W	2700KG		

CNC TURRET LATHE



RECOMMENDED: SUITABLE FOR MACHINING COMPLICATED & HIGH PRECISION PARTS.

PARAMETER		3500r/min acceleration time 1S, deceleration time < 1S
Model		CFG46D/CZG46D
NC	LNC / SYNTEC	5 Series / 6 Series
Capacity	Spindle bore	Ø56mm
	Through max. material diameter	Ø45mm
	Max. machining diameter	Ø350mm
	Max. length of machining	180mm
	Max. travel of X-axis	720mm
	Max. travel of Z-axis	280mm
	X/Z-axis fast moving	36m/min
Motor	Reposition accuracy	0.005mm
	Converter motor/Servo motor	5.5kw
	Spindle speed	4500r/min
	X-axis servo motor	1300W
Tools	Z-axis servo motor	1300W
	Gang type tools	8+3
Others	Live tool	No
	Total installed capacity	9kw
	Size	2025X1385X1910
	N.W	2750kg

CFG46D/CZG46D

High Precision Spindle

sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle < 3um. Fastest spindle speed up to 6000RPM.

Spindle Motor

5.5KW servo motor ensuring the high rigidity & durable precision of this machine.

Servo Turret

8 positions or 12 positions TAIWAN HY turret, tool change quickly, adjacent tools change ≤ 0.5s, opposite tools change ≤ 1.2s easy operation, raise the working efficiency.

Carriage

The center height is 63mm, size is 260 x 260 mm, Can put on 2-3pcs gang.

All-rounded Shelter

Effectively chips proof, good protection of leadscrew & guidway.

High-efficiency Machining

Using high precision Class C3 ground ballscrew, fix-ends using NSK angular contact ball bearing, ensuring machining accuracy. X/Z-axis guideway with high rigidity, low resistance, up to 30m/min travel speed, reducing the machining time.

Bed Structure

45° slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

Controller

Controllers from SYNTEC / LNC providing high stability for the machine.

FEATURES:

1. Using TAIWAN HY Servo turret with 8 position / 12 position.
2. Z-axis with lead screw of φ40mm, powerful & high speed.
3. Fastest machining speed up to 5000RPM, high finished.
4. High accuracy machining, stay almost the same accuracy both cold & heat machine.
5. Up to 36m/min travel speed.
6. Casting base are available (CZG46D).
7. 36 spindle, 46 spindle, 56 spindle are available.

Configuration

Model		CFG46D/CZG46D (Casting Base)
Controller	LNC / SYNTEC	5 Series / 6 Series
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-5/46 Spindle
Servo Turret	TAIWAN HY	8 Positions / 12 Positions
Servo Motor	JAPAN YASKAWA	1300W
Spindle Servo Motor	DUOCOMOTOR / SFC	5.5KW
Servo Driver	MEGMEET	7.5KW
Leadscrew & Guidway	TAIWAN HIWIN / TAIWAN PMI	C3.P.II
Bearing	JAPAN NSK / GERMANY FAG	PIV
Leadscrew Coupler	GERMANY	Precision

Remark:
The parameter for reference only, it may change without notice.

LONG TRAVEL TURRET TAILSTOCK CNC LATHE

CB46DW

CB56DW

CL46DW

CL56DW



☆ HIGHLIGHT: HYDRAULIC TAILSTOCK WITH GUIDEWAY

PARAMETER		3500r/min acceleration time 1S, deceleration time < 1S			
型 号		CB46DW	CB56DW	CL46DW	CL56DW
NC	LNC / SYNTEC	5 Series / 6 Series			
Capacity	Spindle bore	∅56mm	∅66mm	∅56mm	∅66mm
	Through max. material diameter	∅45mm	∅52mm	∅45mm	∅52mm
	Max. machining diameter	∅350mm	∅350mm	∅350mm	∅350mm
	Max. length of machining	350mm	350mm	550mm	550mm
	Max. travel of X-axis	460mm	460mm	460mm	460mm
	Max. travel of Z-axis	400mm	400mm	580mm	580mm
	X/Z-axis fast moving	36m/min	36m/min	36m/min	36m/min
	Reposition accuracy	0.005mm	0.005mm	0.005mm	0.005mm
Motor	Converter motor/Servo motor	5.5kw	5.5kw	5.5kw	5.5kw
	Spindle speed	5000r/min	4000r/min	5000r/min	4000r/min
	X-axis servo motor	1300W	1300W	1300W	1300W
	Z-axis servo motor	1300W	1300W	1300W	1300W
Tools	Turret tools	8-12	8-12	8-12	8-12
Tailstock	Tailstock travel	380	380	580	580
	Sleeve travel	100	100	100	100
	Sleeve taper	MT4	MT4	MT4	MT4
	Tailstock shaft diameter	∅72	∅72	∅72	∅72
Others	Total installed capacity	9kw	9kw	9kw	9kw
	Size	2300X1650X1800	2300X1650X1800	2500X1500X1950	2500X1500X1950
	N.W	2900kg	2950kg	2900kg	2950kg

High Precision Spindle

Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle < 3um. Fastest spindle speed up to 6000RPM.

Spindle Motor

5.5KW/7.5KW servo motor ensuring the high rigidity & durable precision of this machine.

Servo Turret

8 positions or 12 positions TAIWAN HY turret, tool change quickly, adjacent tools change ≤0.5s, opposite tools change ≤1.2s easy operation, raise the working efficiency.

All-rounded Shelter

Effectively bits proof good protection of leadscrew & guidway.

High-efficiency Machining

Using high precision Class C3 ground ballscrew, fix-ends using NSK angular contact ball bearing, ensuring machining accuracy. X/Z-axis guideway with high rigidity, low, up to 30m/min travel speed, reducing the machining time.



Controller

Controllers from SYNTEC / LNC providing high stability for the machine

Tailstock

The tailstock with support & clamp function while fixed axle machining parts. It can be moved by program.

Bed Structure

45°slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

FEATURES:

- 1.CNC machine with tailstock. Tailstock can be put or out under hydraulic or pneumatic mode.
- 2.Using 8 positions or 12 positions TAIWAN HY servo motor.
- 3.Max. travel of Z-axis reaching 580mm, can make high polish surface for long working-piece.
- 4.Z-axis with lead screw of ∅40mm, powerful and high speed.
- 5.This machine is widely used in the flashlight, printer shaft, the motor shaft and so on processing industry.

Configuration

Model		CL46DW	CL56DW
Controller	LNC / SYNTEC	5 Series / 6 Series	
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-5/46 Spindle	A2-6/56 Spindle
Servo Turret	TAIWAN HY	8 Positions / 12 Positions	8 Positions / 12 Positions
Servo Motor	JAPAN YASKAWA	1300W	1300W
Spindle Servo Motor	DUOC MOTOR / SFC	5.5KW	5.5KW
Servo Driver	MEGMEET	7.5KW	7.5KW
Leadscrew & Guidway	TAIWAN HIWIN / TAIWAN PMI	C3, P II	C3, P II
Bearing	JAPAN NSK / GERMANY FAG	Level P4	Level P4
Leadscrew Coupler	GERMANY	Precision	Precision

Remark:
The parameter for reference only, it may change without notice.

STANDARD TURNING & MILLING COMBINED CNC LATHE

B8D B10D



RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.

FEATURES:

1. Y-axis has engraving function.
2. This machine is for turning, side milling & drilling.
3. Y-axis has 4 lateral & endface living tools (or 5 + 5 optional).
4. Japan gear, low sounds, high precision.
5. Max. living tool speed up to 4500RPM.

PARAMETER

Controller		LNC / SYNTEC	
Spindle		TAIWAN POSA / TAIWAN ROYAL	A2-5/46 Spindle
Servo Turret	X-axis	JAPAN YASKAWA	1800w
	Z-axis	JAPAN YASKAWA	1800w
	Y-axis	JAPAN YASKAWA	850w
Spindle Servo Motor		JAPAN YASKAWA / Inovance	4.4kw / 5.5kw
Living tool servo motor		JAPAN YASKAWA	750w
Leadscrew & Guideway		TAIWAN HIWIN / TAIWAN PMI	C3, Level PII
Bearing		JAPAN NSK / GERMANY FAG	Level P4



B8D
4 ER20 lateral & endface living tools each for engraving, turning, milling & tapping operation.



CY3+3D
3 ER25 lateral & endface living tools each for engraving, turning, milling & tapping operation.



CY4+4D
4 ER25 lateral & endface living tools each for engraving, turning, milling & tapping operation.

This machine:
The textbook of turning & milling combined CNC lathe in China.
Industry-leading living tools performance

High Precision Spindle

Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle < 3um, C axis index: $\pm 0.015^\circ$. Fastest spindle speed up to 6000RPM.

Super Turning Performance

High speed, high precision JAPAN YASKAWA servo motor provide powerful turning performance, high resolution indexing function.

Living Tools

Y axis can put on 3+3/4+4 living tools for engraving, turning, milling & tapping operation. Max. living tool speed up to 6000-10000R.

Servo Turret

Using TAIWAN high precision turret, with quick, smooth & precise tools change to achieve the largest reductions of machining time.

High-efficiency Machining

X/Z-axis fastest moving up to 36m/min factory setting (30m/min). Can assemble auto-feeder auto-chip cleaner to implement high speed and high efficiency automatic machining.



Controller

Controllers from SYNTEC / LNC providing high stability for the machine.

Bed Structure

30° slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

PARAMETER

Model		B8D	B10D
NC		LNC / SYNTEC	
Capacity	Spindle bore	≤ 56mm	
	Through max. material diameter	≤ 45mm	
	Max. machining diameter	350mm	
	Max. length of machining	230mm	
	Max. travel of X-axis	770mm	
	Max. travel of Y-axis	350mm	
	Max. travel of Z-axis	230mm	
	X/Z/Y-axis fast moving	36/36/20mm	
	Reposition accuracy	0.005mm	
	Spindle servo motor	Japan YASKAWA 4.4KW / Inovance 5.5KW	
	Spindle speed	3000r/min (5000r/min)	
	X-axis servo motor	Japan YASKAWA 1800W	
Motor	Z-axis servo motor	Japan YASKAWA 1800W	
	Y-axis servo motor	Japan YASKAWA 850W	
Tools	Live tool servo motor	Japan YASKAWA 750W	
	Turret tools	8	
Others	Living tools	4 lateral & endface living tools (or 5 each)	
	Total installed capacity	11kw	
	N.W	3500 kg	
Size		2200X1720X2030mm	

Remark:
The parameter for reference only, it may change without notice.



FEATURES:

1. Spindle with C-axis indexing function.
2. This machine is for turning, milling & drilling.
3. Can install living tools to machine quadrangle & hexagon.
4. Up to 36m/min travel speed.
5. Max. living tool speed up to 3000RPM.
6. Y-axis(optional). Can install 1~4pcs lateral & endface living tools.
7. Function formidable: has engraving function.

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.



CFG46X

Spindle with C-axis indexing function. Can install living tools to machine quadrangle, hexagon, octagon.



CFG46Y2

Spindle with C-axis indexing function. 2 lateral living tools & 2 endface living tools for engraving, turning, milling & tapping operation.



CFG46Y3

Spindle with C-axis indexing function. 3 lateral living tools & 2 endface living tools for engraving, turning, milling & tapping operation.



CFG46Y3+2

Spindle with C-axis indexing function. 3 lateral living tools & 2 endface living tools for engraving, turning, milling & tapping operation.

High Precision Spindle

Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle <3um. C axis index: $\pm 0.015^\circ$. Fastest spindle speed up to 6000RPM.

Spindle Motor

4.4KW servo motor ensuring the high rigidity & durable precision of this machine.



Controller

Controllers from SYNTec / LNC providing high stability for the machine.

Living Tools

Y axis can put on 2/3/4 living tools for engraving, turning, milling & tapping operation. Max. living tool speed up to 6000-10000R.

Servo Turret

Using TAIWAN high precision turret, with quick, smooth & precise tools change to achieve the largest reductions of machining time.

High-efficiency Machining

X/Z-axis fastest moving up to 36m/min. Factory default (30m/min). Can assemble auto-feeder auto-chip to implement high speed & high efficiency automatic machining.

Bed Structure

45° slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

Configuration

Controller	LNC / SYNTec	5 Series / 6 Series
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-5/46 Spindle
Servo Motor	X-axis	1300w
	Z-axis	1300w
	Y-axis	750w
Spindle Servo Motor	JAPAN YASKAWA	4.4kw
Living tool servo motor	JAPAN YASKAWA	750w/850w
Leadscrew & Guideway	TAIWAN HIWIN / TAIWAN PMI	C3, Level P0
Bearing	JAPAN NSK / GERMANY FAG	Level P4
Leadscrew Coupler	GERMANY	Precision

PARAMETER

Model	Y2	Y3	Y3D
NC	LNC / SYNTec	5 Series / 6 Series	
Capacity	Spindle bore	ø56mm	
	Through max. material diameter	ø45mm	
	Max. machining diameter	ø350mm	
	Max. length of machining	180mm	
	Max. travel of X-axis	720mm	
	Max. travel of Y-axis	250mm	
	Max. travel of Z-axis	155mm	
	X/Y/Z-axis fast moving	36/36/20m	
Motor	Reposition accuracy	0.005mm	
	Spindle servo motor	Japan YASKAWA 4.4KW	
	Spindle speed	3000r/min	
	X-axis servo motor	Japan YASKAWA 1300W	
	Z-axis servo motor	Japan YASKAWA 1300W	
	Y-axis servo motor	Japan YASKAWA 750W	
Tools	Live tool servo motor	Japan YASKAWA 850W/750W	
	Gang type tools	1-8 (according to the model)	
Others	Live tool	1-8 (according to the model)	
	Total installed capacity	9 kw	
	N.W	2900kg	
	Size	2025X1385X1910mm	

Remark: The parameter for reference only, it may change without notice.

C20H EAVYT URNINGA NDC UTTING CNC LATHE MACHINE A NDC UTTING C20H EAVYT URNINGA NDC UTTING CNC LATHE MACHINE



SYNTEC CONTROLLER

RECOMMENDED: SUITABLE FOR MACHINING FLASHLIGHT, PRINTERS SHAFT, MOTOR SHAFT PROCESSING INDUSTRY, ETC.

Configuration

Controller		LNC / SYNTEC / SIEMENS	5 Series / 6 Series/8 Series
Servo Motor	Spindle	TAIWAN POSA/ TAIWAN ROYAL	A2-4 / 56 Spindle
	X-axis	JAPAN YASKAWA	1300W or 1800W
Tailstock Motor	Z-axis	JAPAN YASKAWA	1300W or 1800W
	Tailstock Motor	JAPAN YASKAWA	1800W
Spindle Servo Motor	Turret	SFK / CTB / FUKUTA	11kw
	Lead screw & Guidway	GERMANY SAUTER	12 Positions
Bearing	Lead screw	TAIWAN HIWIN	C3, Level PII
	Coupler	JAPAN NSK / GERMANY FAG	Level P4
		GERMANY	Precision

PARAMETER

Model		C20
NC		LNC / SYNTEC / SIEMENS
Capacity		5 Series / 6 Series/8 Series
Capacity	Spindle bore	∅46mm
	Through max. material diameter	∅51mm
	Max. machining diameter	∅450mm
	Max. length of machining	330mm
	Max. travel of X-axis	230mm
	Max. travel of Z-axis	380mm
	X/Y-axis fast moving	30m/min
Motor	Reposition accuracy	0.005mm
	Spindle servo motor	11kw
	Spindle speed	3500r/min
	X-axis servo motor	1300W Or 1800W(optional)
Tailstock	Z-axis servo motor	1300W Or 1800W(optional)
	Z-axis servo motor	1800W
	Turret tools	12
	Tailstock travel	330mm
Others	Sleeve taper	M14
	Tailstock shaft diameter	∅72
Others	Total installed capacity	15kw
	Size	2700X1800X1900
	N.W	4100KG

HIGHCOST-EFFECTIVEH EAVYT URNING&C UTTINGA UTOMATICMACHINING

High Precision Spindle

Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle <3um.

Hydraulic Turret

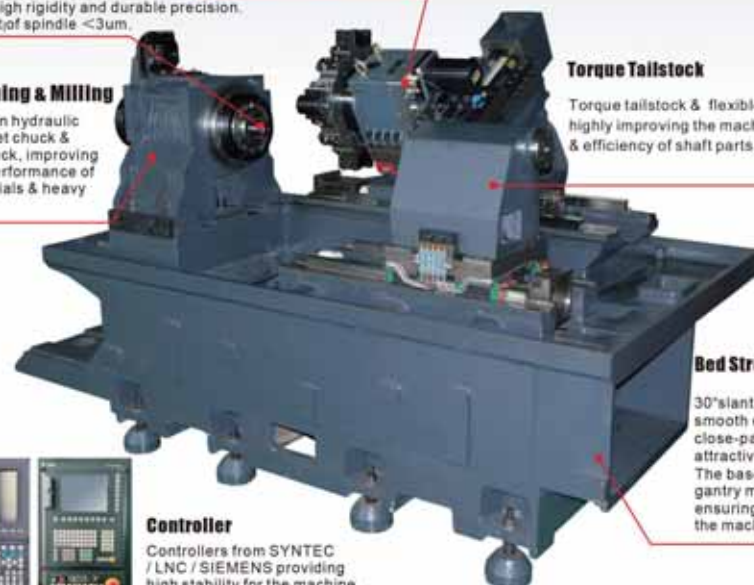
High precision hydraulic turret with quick, smooth, accurate tool change reducing the machining time.

Super Turning & Milling

High precision hydraulic cylinder, collet chuck & hydraulic chuck, improving the cutting performance of ductile materials & heavy cutting.

Torque Tailstock

Torque tailstock & flexible configuration highly improving the machining accuracy & efficiency of shaft parts.



Bed Structure

30°slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

Controller

Controllers from SYNTEC / LNC / SIEMENS providing high stability for the machine.

High-efficiency Machining

Spindle speed up to 3500RPM, X/Z-axis fastest moving up to 36m/min, Factory default(30m/min). Can assemble auto-feeder auto-chip to implement high speed & high efficiency automatic machining.

Features:

1. With tailstock, tailstock adopt YASKAWA (JAPAN) 1.8 KW torque servo motor.
2. Use German SAUTER12 station turret.
3. Z axis has a longer travel, can reach 380mm, the model is able to finishing long shaft parts.
4. Z axis use bigger ballscrew ∅40 mm, feeding system adopts the bigger diameter and pre-tension of ball screw, which strengthen the rigid of ball screw that can prevent shape transform.
5. Advantages: big load-carrying capacity, high accuracy, reasonable structure and easy to handle.
6. The key parts include lathe bed, gang type cutting tools and so on, all these parts adopt high strength cast iron which make machine more stable and can load heavy cutting and keep a long term accuracy.
7. Spindle driven by high power and high torque motor, so machine can achieve a high precision cutting even in the case of low rotating speed.
8. All the guide rail use roller guide rail, adopt the method of scraping the inquiry can ensure the maximization of the contact area.
9. Supper big bed and spindle box construction support for machining all kind of parts.
10. Well-designed controller keyboard, easy for operation.
11. The machine is widely used in machining flashlight, printers shaft, motor shaft processing industry, etc.

Remark:
The parameter for reference only, it may change without notice. 18

G20 HIGH PRECISION CNC LATHE MACHINE PRECISION CNC LATHE MACHINE G20 HIGH PRECISION CNC LATHE MACHINE



SYNTEC CONTROLLER

RECOMMENDED: SUITABLE FOR MACHINING FLASHLIGHT, PRINTERS SHAFT, MOTOR SHAFT PROCESSING INDUSTRY, ETC.

Configuration

Controller	LNC / SYNTEC / SIEMENS	5 Series / 6 Series / 8 Series
Spindle	TAIWAN POSA / TAIWAN ROYAL	A2-4 / 46 Spindle
Servo Motor	X-axis	JAPAN YASKAWA 850w
	Z-axis	JAPAN YASKAWA 850w
	Spindle Servo Motor	SFK / DUOCOMOTOR 3.7kw
Servo Driver	MEGMEET	5.5kw
Leadscrew & Guideway	TAIWAN HIWIN	C3, Level P11
Bearing	JAPAN NSK / GERMANY FAG	Level P4
Leadscrew Coupler	GERMANY	Precision

PARAMETER

Model		G20
Capacity	Spindle bore	∅26mm
	Through max. material diameter	∅20mm
	Max. machining diameter	∅100mm
	Max. length of machining	200mm
	Max. travel of X-axis	680mm
	Max. travel of Y-axis	265mm
	X/Y-axis fast moving	Factory Default 30m/min
	Reposition accuracy	0.005mm
Motor	Center height	30mm
	Spindle servo moto	3.7KW Servo Motor
	Spindle speed	6000r/min
	X-axis servo motor	850W
	Z-axis servo motor	850W
Tools	Gang type tools	6-8
	Live tool	No
Others	Total installed capacity	7KW
	Size	/
	N.W	1500kg

HIGH COST-EFFECTIVE, HIGH PRECISION, HIGH FINISHED

High Precision Spindle

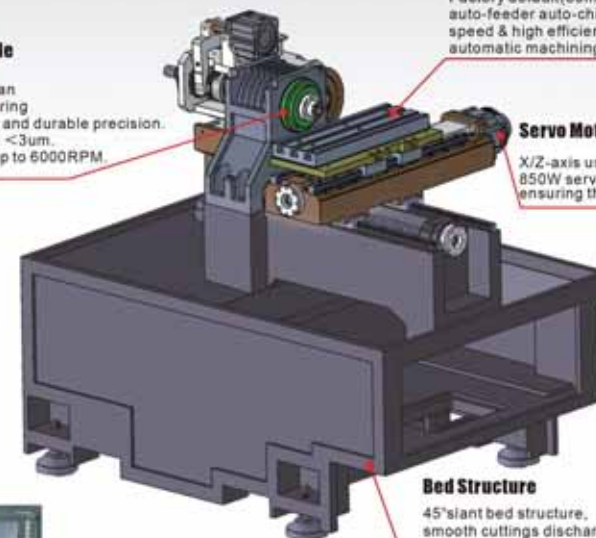
Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle <3um. Fastest spindle speed up to 6000RPM.

High-efficiency Machining

X/Z-axis fastest moving up to 36m/min. Factory default (30m/min). Can assemble auto-feeder auto-chips remover to implement high speed & high efficiency automatic machining.

Servo Motor

X/Z-axis using JAPAN YASKAWA 850W servo motor ensuring the precision of the machine.



Bed Structure

45° slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

Controller

Controllers from SYNTEC / LNC / SIEMENS providing high stability for the machine.

FEATURES:

1. Everlasting processing quality and multi axis motion can fulfill complicated process.
2. Only need to change the program if the workpiece change, greatly save set-up time.
3. Highly automatic machining can reduce labor intensity.
4. Z axis ballscrew diameter 40mm, feeding system use bigger diameter, pre-stretch ballscrew to increase rigidity; efficiently prevent thermal deformation.
5. This machine is with heavy load carrying capacity, high accuracy, rational construction, wide working range, easy operation.
6. Key parts including bed, spindle box and carriage use high strength cast Iron. Can endure heavy cutting for a long term.
7. Main spindle motor power 11KW, so powerful and torque. Can fulfill any kind of heavy cutting even in low speed.
8. All linear guideway use Taiwan made roller type. And all ball screw landing area had been chipped.
9. Super big bed and spindle box construction support for machining all kind of parts.
10. Well-designed controller keyboard, easy for operation.
11. This machine use in flashlight, printer axis and motor axis.

Remark:
The parameter for reference only, it may change without notice. 20

B46X TURNING & MILLING COMBINE CNC LATHE



SYNTEC CONTROLLER

RECOMMENDED : SUITABLE FOR COMPLICATED PARTS COMBINEING OF TURNING, MILLING & DRIILING IN ONE CLAMPING.

Configuration

Controller	LNC / SYNTEC / SIEMENS	5 Series / 6 Series/8 Series
Spindle	TAIWAN POSA/ TAIWAN ROYAL	A2-5 / 46 Spindle
Servo Motor	X-axis	JAPAN YASKAWA 1300w
	Z-axis	JAPAN YASKAWA 1300w
	Spindle Servo Motor	JAPAN YASKAWA 4.4kw
Servo Driver	JAPAN YASKAWA	5.5kw
Leadscrew & Guidway	TAIWAN HIWIN	C3,LevelP11
Bearing	JAPAN NSK / GERMANY FAG	LevelP4
Leadscrew Coupler	GERMANY	Precision
Living tools motor	JAPAN YASKAWA SERVO MOTOR	850w

PARAMETER

Model	B 46X	
Capacity	NC	Syntec 21TB
	Spindle bore	Through max. material diameter
		Max. machining diameter
		Max. length of machining
		Max. travel of X-axis
		Max. travel of Z-axis
		X/Z-axis fast moving
		Reposition accuracy
		Spindle servo moto
		Spindle speed
Motor	X-axis servo motor	JAPAN YASKAWA 1300W
	Z-axis servo motor	JAPAN YASKAWA 1300W
	Lateral Er25 living tool servo motor	JAPAN YASKAWA 850W
	Endfacel Er25 living tool servo motor	JAPAN YASKAWA 1300W
Tools	Gang type tools	1-5
	Live tool	5
Others	Total installed capacity	11 KW
	Size	3400KG
	N.W	2205*2205*2025 mm

HIGH COST-EFFECTIVE, HIGH PRECISION ,HIGH FINISHED

High Precision Spindle

Sleeve-type spindle, with 3 front & 2 rear Japan ultra-high precision bearing to guarantee high rigidity and durable precision. Radial runout of spindle <3um, C axis index: $\pm 0.015^\circ$

Super Turning & Milling

High precision hydraulic cylinder, collet chuck & hydraulic chuck improving the cutting performance of ductile materials & heavy cutting.

Servo Motor

Using JAPAN YASKAWA 4.4KW servo motor ensuring the rigidity & durable of the precision of the machine.

Living Tools

Y axis can put on optional 2/3 living tools for engraving, turning, milling & tapping operation. Max. living tool speed up to 3000R.

High-efficiency Machining

Spindle speed up to 3000rpm, X/Z-axis fastest moving up to 36m/min. Can assemble auto-feeder auto-chip to implement high speed & high efficiency automatic machining.

All-rounded Shelter

Effectively chips proof good protection of leadscrew & guidway.



Controller

Controllers from SYNTEC / LNC / SIEMENS providing high stability for the machine.

Bed Structure

45°slant bed structure, smooth cuttings discharge, close-packed structure, attractive appearance. The base processed by gantry milling, ensuring the precision of the machine tool.

FEATURES :

1.Reduce the technical process of product, improve the efficiency. Turning and milling combine machining can complete almost all procedure in one clamping. In this way, on the one hand can save the prepare time of production, on the other hand, save the time of fixture produce.

2.Less clamping time can prevent the cumulative error generated by frequency clamping. By using on-line monitoring function, this machine can inspect the key data and control the accuracy online.

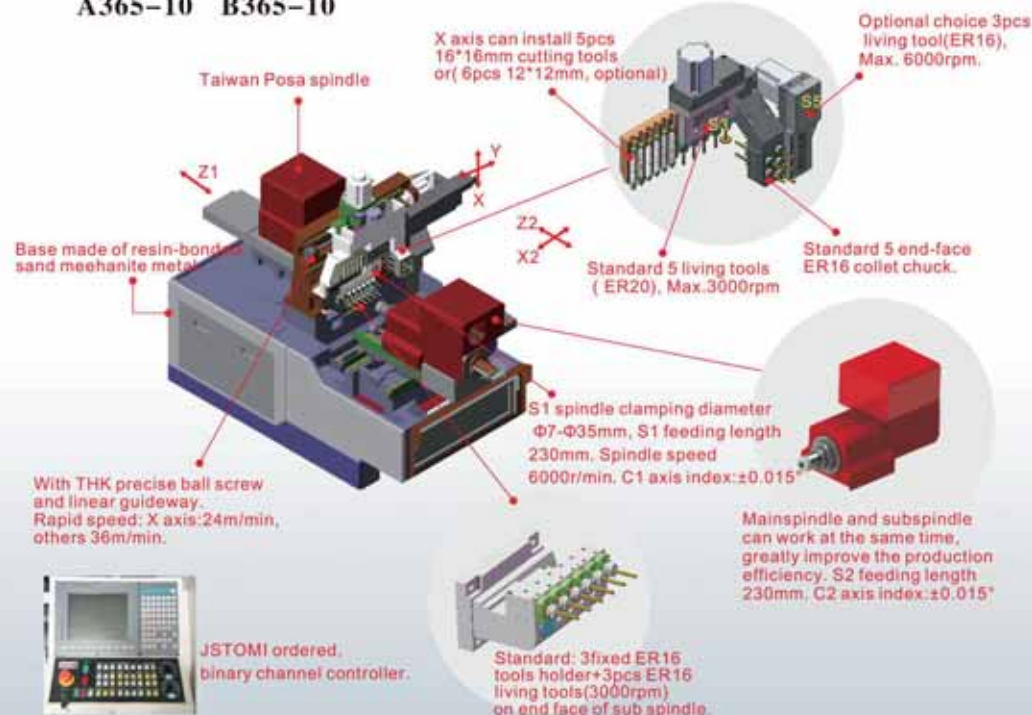
3.Less floor space, lower cost. This machine can made the parts in only one clamping, customer don't need extra cost for other machine, chuck, space equipment maintenance and management.

A365-10 B365-10



INTERNALEXPLODEDVIEW.

A365-10 B365-10



SWISSTYPECNCLATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.

OUR STRENGTH ↑

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide ≥ 25 mm.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed ≥ 30 m/min.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

INTERNATIONAL BRAND ↓

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide ≤ 20 mm.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed ≤ 18 m/min.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length ≤ 90 mm.
10. Net weight: 2 ton.

PARAMETER

Model	A365-10	B365-10
Controller	JSTOMI ordered controller	
Optional system	JSTOMI ordered controller	
Rapid speed	X-axis 24m/min Others 36 m/min	X-axis 24m/min Others 36 m/min
Capacity	S1 spindle clamping diameter	$\Phi 7 - \Phi 35$ mm
	S2 spindle clamping diameter	$\Phi 5 - \Phi 35$ mm
	S1 spindle max drilling diameter	$\Phi 20$ mm
	S1 spindle max tapping diameter	M12
	Max lateral drilling hole diameter	$\Phi 10$ mm
Spindle	S1/S2 spindle power	4.4KW
	S1 max speed	6000 RPM
	S2 max speed	8000 RPM
	C1/ C2 indexing	± 0.015 "
Spindle table stroke	No sleeve & Movable sleeve	S1 without sleeve 260MM, with sleeve 230. S2 230MM. S1 without sleeve 280MM, with sleeve 230. S2 230MM
Tools	Cutting tools	5 * 16*16mm Or 6 * 12*12mm
	S3 lateral power tools	5*ER16
	S3 lateral power tools Max speed	3000 RPM
	S3 motor power	1000 W
	S4 lateral power tools	3* fixed tool ER16 + 3* power tool ER16
	S4 lateral power tools Max speed	6000 RPM
	S4 motor power	1000W
	S5 lateral power tools	5* fixed tool ER16 + 3* power tool ER16
	S5 max drilling diameter	$\Phi 10$ mm
	S5 Max. tapping diameter	M8
	S5 lateral tools Max speed	3000 RPM
	S5 motor power	750 W
Power	Y1/Z1 servo motor power	850 W
	X1 servo motor power	1300W
	X2/Z2 servo motor power	850 W
Size	Dimension Size(L x W x H)	2300*1300*1800 mm
N.W	N.W	3800kg

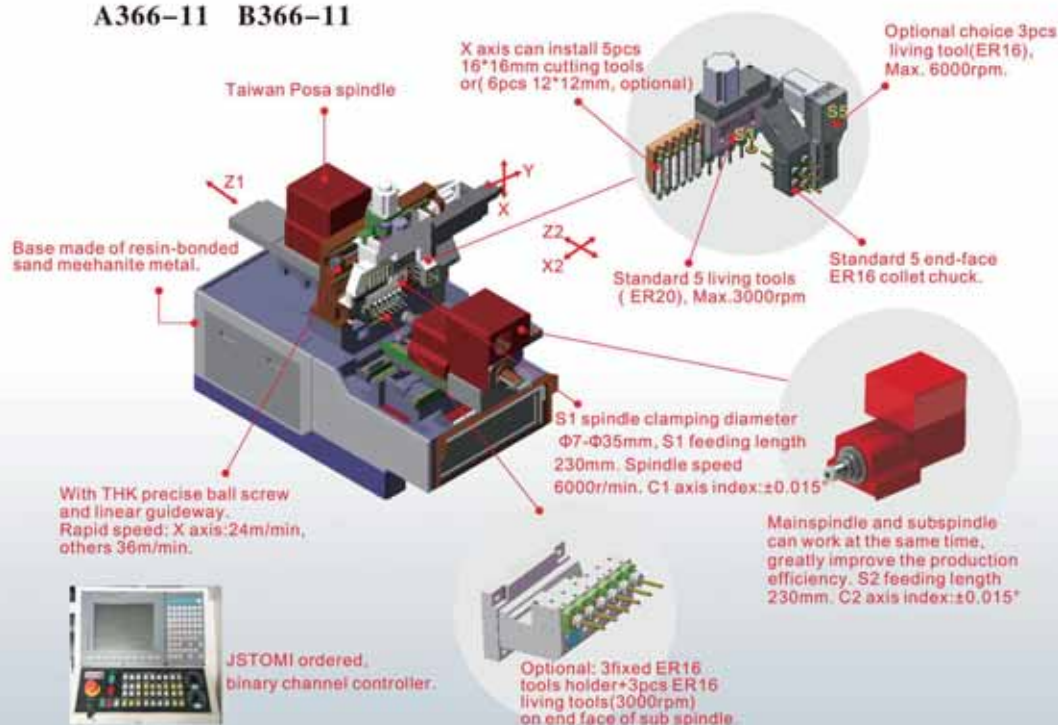
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A366-11 B366-11



INTERNALEXPLODEDVIEW.

A366-11 B366-11



SWISST YPEC NCL ATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINEING OF TURNING, MILLING & DIRLLING IN ONE CLAMPING.

OUR STRENGTH

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide ≥ 25 mm.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed ≥ 30 m/min.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

INTERNATIONAL BRAND

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide ≤ 20 mm.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed ≤ 18 m/min.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length ≤ 90 mm.
10. Net weight: 2 ton.

PARAMETER

	Model	A366-11	B366-11
Controller	Optional system	JSTOMI ordered controller	
	Rapid speed	X-axis 24m/min Others 36 m/min	X-axis 24m/min Others 36 m/min
Capacity	S1 spindle clamping diameter	$\Phi 7 - \Phi 35$ mm	$\Phi 7 - \Phi 35$ mm
	S2 spindle clamping diameter	$\Phi 5 - \Phi 35$ mm	$\Phi 5 - \Phi 25$ mm
	S1/S2 one time feeding material length	With sleeve 230MM, Without sleeve 280	With sleeve 230MM, Without sleeve 280
	S1 spindle max drilling diameter	$\Phi 20$ mm	$\Phi 20$ mm
	S1 spindle max tapping diameter	M12	M12
Spindle	Max lateral drilling hole diameter	$\Phi 10$ mm	$\Phi 10$ mm
	S1/S2 spindle power	4400 W	4400 W
	S1/S2 spindle speed	6000 RPM	6000 RPM
	C1/C2 indexing	± 0.015 "	± 0.015 "
Spindle table stroke	Movable sleeve travel	230 mm	230 mm
	Without sleeve (optional)	S1 without sleeve 280MM	S1 without sleeve 280MM
Tools	Cutting tools	5 * 16*16 mm	5 * 16*16 mm
	S3 lateral power tools	5* power tool ER20	5* power tool ER20
	S3 lateral power tools Max speed	3000 RPM	3000 RPM
	S3 motor power	1000 W	1000 W
	S4 lateral power tools	4* fixed tool ER20 + 4* power tool ER20	4* fixed tool ER20 + 4* power tool ER20
	S4 lateral power tools Max speed	6000 RPM	6000 RPM
	S4 motor power	1000W	1000W
	S5 lateral power tools	5* fixed tool ER16 + 3* power tool ER16	5* fixed tool ER16 + 3* power tool ER16
	S5 max drilling diameter	$\Phi 10$ mm	$\Phi 10$ mm
	S5 Max. tapping diameter	M8 * P1.25	M8 * P1.25
	S5 lateral tools Max speed	6000 RPM	6000 RPM
Power	S5 motor power	750 W	750 W
	Y1/Z1 servo motor power	850 W	850 W
	X1 servo motor power	1300W	1300W
Size	X2/Z2/Y2 servo motor power	850 W	850 W
	Dimension Size(L x W x H)	2700*1450*1800 mm	2700*1450*1800 mm
N.W	N.W	3800kg	3800kg

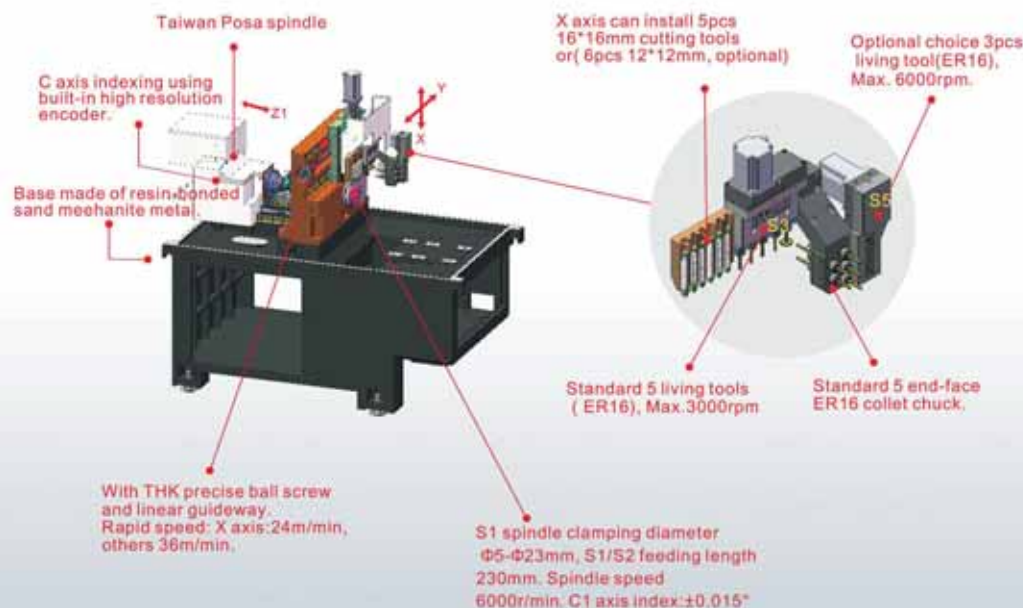
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A233-6 A233-7



INTERNALEXPLODEDVIEW.

A233-6 A233-7



SWISSTYPECNCLATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINEING OF TURNING, MILLING & DIRLLING IN ONE CLAMPING.

OUR STRENGTH ↑

- 1.High-power,fast rapid speed, heavy cutting, multi-function.
- 2.XYZ axis large inertia servo motor 1300W,850W.
- 3.Ball screw double nut.
- 4.Linear guideway wide $\geq 25\text{mm}$.
- 5.Ball screw 12mm pitch.
- 6.Carriage,living tool and spindle rapid speed $\geq 30\text{m/min}$.
- 7.Ball screw fixed by double bearing holder.
- 8.Standard S3 living tool (S4,S5 optional), multi-function.
- 9.Max machining length:230mm.
- 10.Net weight: 4 ton.

INTERNATIONAL BRAND ↓

- 1.Simple,low power, light cutting.
- 2.XYZ axis small inertia servo motor 1000W,750W.
- 3.Ball screw single nut.
- 4.Linear guideway wide $\leq 20\text{mm}$.
- 5.Ball screw 5-6mm pitch.
- 6.Carriage,living tool and spindle rapid speed $\leq 18\text{m/min}$.
- 7.Ball screw fixed by single bearing holder, other side fixed by customer themselves.
- 8.Only have S3 living tool.
- 9.Machining length $\leq 90\text{mm}$.
- 10.Net weight: 2 ton.

PARAMETER

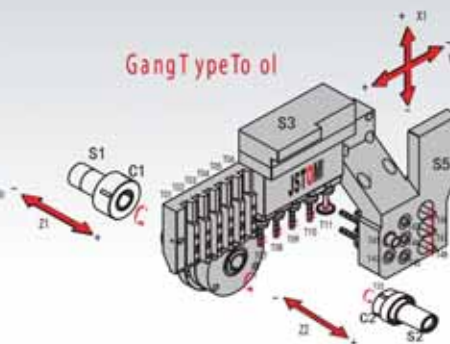
Model	A233-6	A233-7
Controller	Optional system	JSTOMI ordered controller
	Rapid speed	X-axis 24m/min Others 36 m/min
Capacity	Spindle clamping diameter	$\Phi 5-\Phi 23\text{mm}$
	One time feeding material length	230mm
	Spindle max drilling diameter	$\Phi 10\text{mm}$
	Spindle max tapping diameter	M8*P1.25
	Max lateral drilling hole diameter	$\Phi 10\text{mm}$
Spindle	S1 spindle power	4.4KW
	S1 max speed	6000rpm
	C1 indexing	$\pm 0.015^\circ$
	Spindle thru hole	$\Phi 25\text{mm}$
Spindle table stroke	Fixed sleeve travel	230mm
	Movable sleeve travel	230mm
Tools	Cutting tools	5* 16mm*16mm or 6* 12mm*12mm
	S3 lateral power tools	5* power tool ER16
	S3 lateral power tools Max speed	3000rpm
	S3 motor power	1.0KW
	S5 endface power tools	Standard 5* fixed tool ER16 Optional 3* power tool ER16
	S5 max drilling diameter	0
	S5 Max. tapping diameter	0
	S5 lateral tools Max speed	0
	S5 motor power	0
	S5 motor power	1.0KW
Power	Y1/Z1 servo motor power	0.85KW
	X1 servo motor power	1.3KW
Size	Dimension Size(L x W x H)	1900*1300*1740mm
N.W	N.W	2200KG

Remark:
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A234-8 A234-9

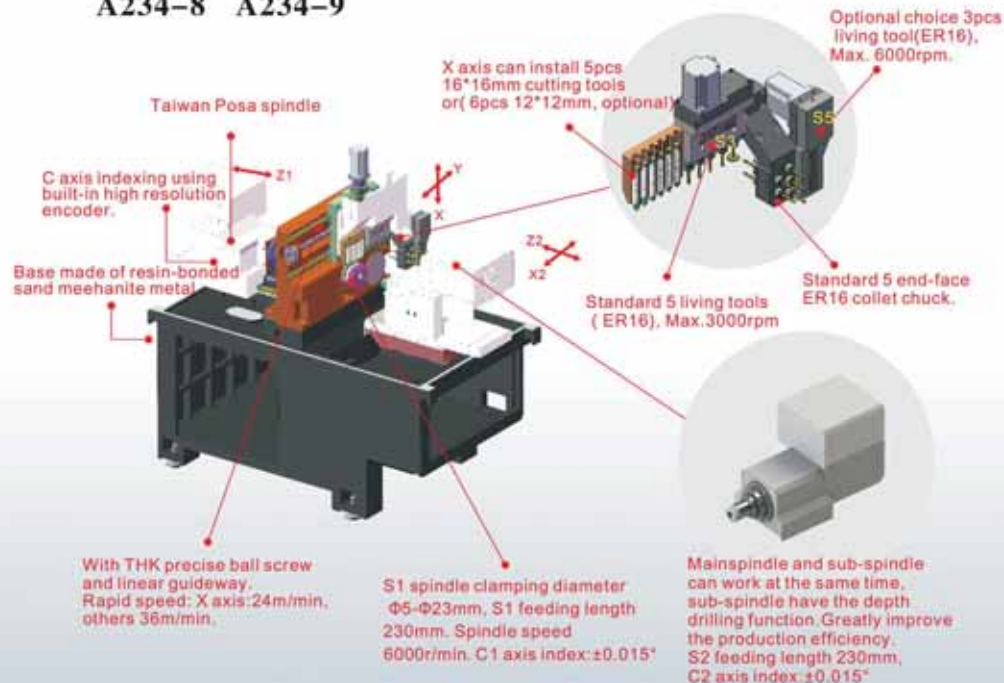


Gang Type Tool



INTERNALEXPLODEDVIEW.

A234-8 A234-9



SWISSTYPECNCLATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.

OUR STRENGTH ↑

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide ≥25mm.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed ≥30m/min.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

PARAMETER

INTERNATIONAL BRAND ↓

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide ≤20mm.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed ≤18m/min.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length ≤90mm.
10. Net weight: 2 ton.

Model		A234-8	A234-9
Controller	Optional system	JSTOMI ordered controller	
	Rapid speed	X-axis 24m/min Others 36 m/min	
Capacity	S1 spindle clamping diameter	Φ5-Φ23mm	Φ5-Φ23mm
	S2 spindle clamping diameter	23mm	23mm
	S2 spindle max drilling diameter	10mm	10mm
	S1/S2 one time feeding material length	230mm	230mm
	S1 spindle max drilling diameter	Φ10mm	Φ10mm
	S1 spindle max tapping diameter	M8*P1.25	M8*P1.25
Spindle	S2 spindle max tapping diameter	M8*P1.25	M8*P1.25
	S1 spindle max drilling depth	60mm	60mm
	S1 spindle power	3.0KW	3.0KW/4.0KW
	S1 max speed	6000rpm	6000rpm
	S2 spindle power	4.4KW	4.4KW
	S2 max speed	6000rpm	6000rpm
	C1/ C2 indexing	±0.015°	±0.015°
	Spindle thru hole	Φ25mm	Φ25mm
Tools	Fixed sleeve travel	230mm	230mm
	Movable sleeve travel	230mm	230mm
	Cutting tools(optional)	5* 16mm*16mm or 6* 12mm*12mm	5* 16mm*16mm or 6* 12mm*12mm
	S3 lateral power tools	5 ER16	5 ER16
	S3 lateral power tools Max speed	3000rpm	3000rpm
	S3 motor power	1.0KW	1.0KW
	S5 endface power tools	5* fixed tool ER16	Standard 5* fixed tool ER16 Optional 3* power tool ER16
	S5 max drilling diameter	10mm	10mm
Power	S5 Max. tapping diameter	M8*P1.25	M8*P1.25
	S5 endface tools Max speed	/	6000rpm
	S5 motor power	/	0.8KW
Size	Y1/Z1/Z2 servo motor power	0.85KW	0.85KW
	X1 servo motor power	1.3KW	1.3KW
Size	Dimension Size(L x W x H)	1900*1300*1740mm	1900*1300*1740mm
N.W	N.W	2300KG	2300KG

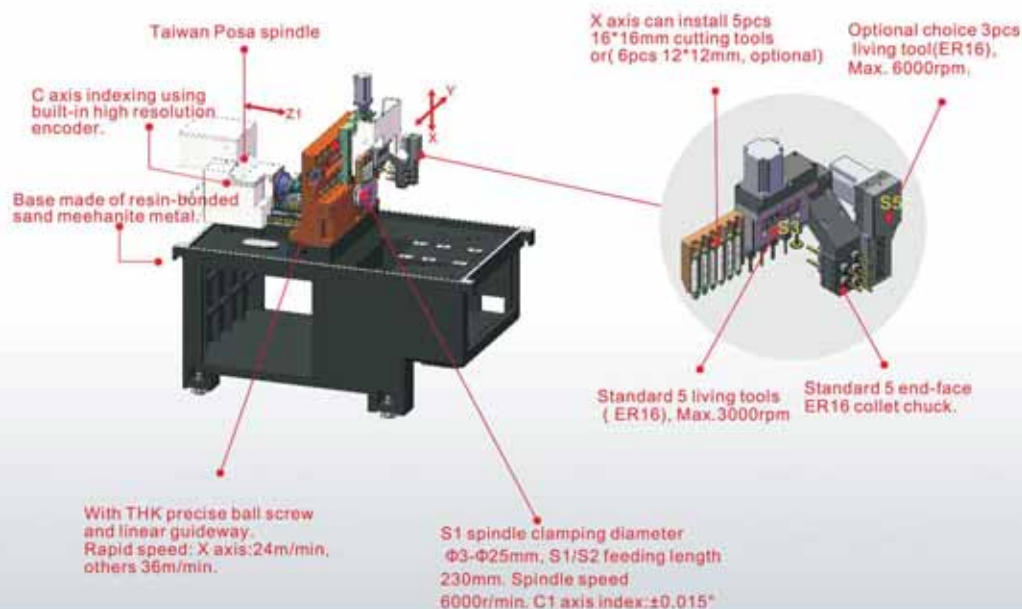
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A253-6 A253-7



INTERNALE XPLODEDVIEW.

A253-6 A253-7



SWISST YPEC NCL ATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINEING OF TURNING, MILLING & DIRLLING IN ONE CLAMPING.

OUR STRENGTH ↑

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide $\geq 25\text{mm}$.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed $\geq 30\text{m/min}$.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

INTERNATIONAL BRAND ↓

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide $\leq 20\text{mm}$.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed $\leq 18\text{m/min}$.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length $\leq 90\text{mm}$.
10. Net weight: 2 ton.

PARAMETER

Model	A253-6	A253-7
Controller	Optional system	JSTOMI ordered controller
	Rapid speed	X-axis 24m/min Others 36 m/min
Capacity	Spindle clamping diameter	$\Phi 7 - \Phi 35\text{mm}$
	One time feeding material length	230mm
	Spindle max drilling diameter	$\leq 10\text{mm}$
	Spindle max tapping diameter	M8
Spindle	Max lateral drilling hole diameter	$\leq 10\text{mm}$
	S1 spindle power	4.4KW
	S1 max speed	6000rpm
	C1 indexing	$\pm 0.015^\circ$
Spindle table stroke	Spindle thru hole	$\leq 25\text{mm}$
	Fixed sleeve travel	230mm
	Movable sleeve travel	230mm
Tools	Cutting tools	5* 16mm*16mm or 6* 12mm*12mm
	S3 lateral power tools	5* power tool ER16
	S3 lateral power tools Max speed	3000rpm
	S3 motor power	1.0KW
	S5 endface power tools	Standard 5* fixed tool ER16 Optional 3* power tool ER16
	S5 max drilling diameter	0
	S5 Max. tapping diameter	0
	S5 lateral tools Max speed	0
	S5 motor power	0
	S5 max drilling diameter	10mm
Power	Y1/Z1 servo motor power	0.85KW
	X1 servo motor power	1.3KW
Size	Dimension Size(L x W x H)	1900*1300*1740mm
N.W	N.W	2200KG

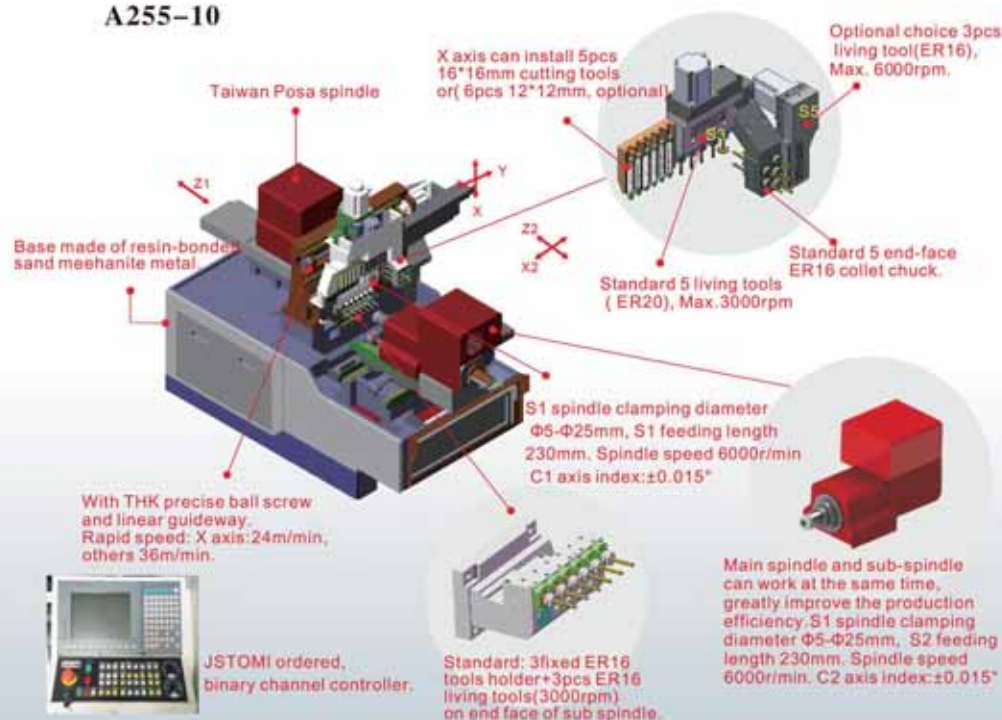
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A255-10



INTERNALEXPLODEDVIEW.

A255-10



SWISSTYPECNCLATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.

OUR STRENGTH ↑

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide $\geq 25\text{mm}$.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed $\geq 30\text{m/min}$.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

INTERNATIONAL BRAND ↓

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide $\leq 20\text{mm}$.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed $\leq 18\text{m/min}$.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length $\leq 90\text{mm}$.
10. Net weight: 2 ton.

PARAMETER

	Model	A255-10
Controller	Optional system	JSTOMI ordered controller
	Rapid speed	X-axis 24m/min Others 36 m/min
Capacity	S1 spindle clamping diameter	$\Phi 7 - \Phi 35\text{mm}$
	S2 spindle clamping diameter	$\Phi 5 - \Phi 25\text{mm}$
	S1 spindle max drilling diameter	$\Phi 20\text{mm}$
	S1 spindle max tapping diameter	M12
	Max lateral drilling hole diameter	$\Phi 10\text{mm}$
Spindle	S1/S2 spindle power	4.4KW
	S1 max speed	6000 RPM
	S2 max speed	6000 RPM
	C1/ C2 indexing	$\pm 0.015^\circ$
Spindle table stroke	Without sleeve & with sleeve	S1 without sleeve 280MM, with sleeve 230. S2 230MM
Tools	Cutting tools(optional)	5 * 16*16mm Or 6 * 12*12mm
	S3 lateral power tools	5*ER16
	S3 lateral power tools Max speed	3000 RPM
	S3 motor power	1000 W
	S4 lateral power tools	3* fixed tool ER16 + 3* power tool ER16
	S4 lateral power tools Max speed	6000 RPM
	S4 motor power	1000W
	S5 lateral power tools	5* fixed tool ER16 + 3* power tool ER16
	S5 max drilling diameter	$\Phi 10\text{mm}$
	S5 Max. tapping diameter	M8
Power	S5 lateral tools Max speed	3000 RPM
	S5 motor power	750 W
	Y1/Z1 servo motor power	850 W
	X1 servo motor power	1300W
Size	Dimension Size(L x W x H)	2300*1300*1800 mm
	N.W	3800kg

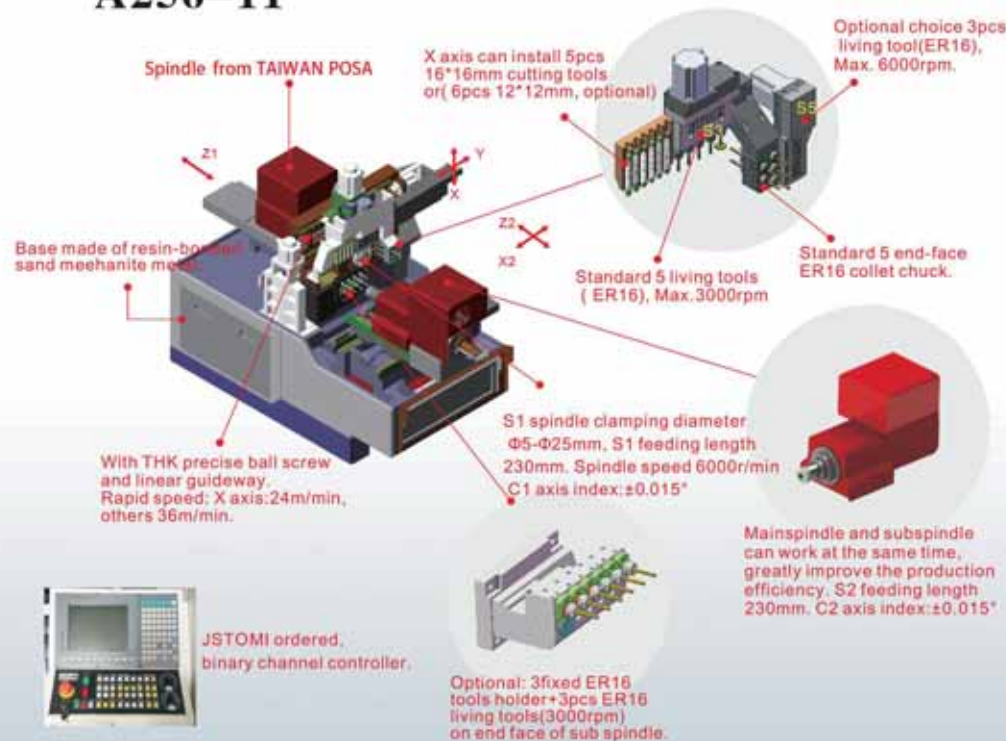
Remark:
The parameter for reference only, it may change without notice.

A256-11



INTERNALEXPLODEDVIEW.

A256-11



SWISSTYPECNCLATHE

RECOMMENDED: SUITABLE FOR COMPLICATED PARTS COMBINING OF TURNING, MILLING & DRILLING IN ONE CLAMPING.

OUR STRENGTH

1. High-power, fast rapid speed, heavy cutting, multi-function.
2. XYZ axis large inertia servo motor 1300W, 850W.
3. Ball screw double nut.
4. Linear guideway wide $\geq 25\text{mm}$.
5. Ball screw 12mm pitch.
6. Carriage, living tool and spindle rapid speed $\geq 30\text{m/min}$.
7. Ball screw fixed by double bearing holder.
8. Standard S3 living tool (S4, S5 optional), multi-function.
9. Max machining length: 230mm.
10. Net weight: 4 ton.

INTERNATIONAL BRAND

1. Simple, low power, light cutting.
2. XYZ axis small inertia servo motor 1000W, 750W.
3. Ball screw single nut.
4. Linear guideway wide $\leq 20\text{mm}$.
5. Ball screw 5-6mm pitch.
6. Carriage, living tool and spindle rapid speed $\leq 18\text{m/min}$.
7. Ball screw fixed by single bearing holder, other side fixed by customer themselves.
8. Only have S3 living tool.
9. Machining length $\leq 90\text{mm}$.
10. Net weight: 2 ton.

PARAMETER

Model	A256-11
Controller	Optional system JSTOMI ordered controller
Rapid speed	X-axis 24m/min Others 36 m/min
Capacity	S1 spindle clamping diameter $\Phi 7 - \Phi 35\text{mm}$ S2 spindle clamping diameter $\Phi 5 - \Phi 25\text{mm}$ S1/S2 one time feeding material length With sleeve 230 / Without sleeve 280MM S1 spindle max drilling diameter $\Phi 20\text{mm}$ S1 spindle max tapping diameter M12
Spindle	Max lateral drilling hole diameter $\Phi 10\text{mm}$ S1/S2 spindle power 4400 W S1/S2 speed 6000 RPM C1/ C2 indexing $\pm 0.015^\circ$
Spindle table stroke	Movable sleeve travel 230 mm Without sleeves (optional) S1 without sleeve 280MM
Tools	Cutting tools(optional) 5" 16mm*16mm S3 lateral power tools 5" power tool ER20 S3 lateral power tools Max speed 3000 RPM S3 motor power 1000 W S4 lateral power tools 4" fixed tool ER20 + 4" power tool ER20 S4 lateral power tools Max speed 6000 RPM S4 motor power 1000W S5 power tools 5" fixed tool ER16 + 3" power tool ER16 S5 max drilling diameter $\Phi 10\text{mm}$ S5 Max. tapping diameter M8 * P1.25 S5 lateral tools Max speed 6000 RPM S5 motor power 750 W
Power	Y1/Z1 servo motor power 850 W X1 servo motor power 1300W X2/Z2/Y2 servo motor power 850 W
Size	Dimension Size(L x W x H) 2700*1450*1800 mm
N.W	N.W 3800kg

Remark:
The parameter for reference only, it may change without notice.

T6 HI-SPEED DRILLING AND TAPPING CENTER

HI-SPEED DRILLING AND TAPPING CENTERS SERIES



Features:

1. Auto tool changer system made by TAIWAN SANJET.
2. Taiwan Royal spindle. Max speed up to 20000rpm, can make smooth finish.
3. Full cover shell, steel slide cover.
4. Owned 4th axis function, customer can add it according to their demand (no extra cost).
5. Rapid moving speed up to 60m/min.
6. All spindle had been strictly test by PRUFTECHNIK :dynamical balance testing instrument (Made in German).
7. Double linkage door is so wide for material load and unload.
8. X/Y/Z axis had been inspect by RENISHAW (Made in England) ball-bar and laser interferometer.

RECOMMENDED : SUITABLE FOR HIGH PRECISION REQUIREMENT & MASS HIGH PRECISION PARTS .

Configuration

Controller	MITSUBISHI-M70	SIEMENS828	FANUC
X/Y-axis Servo Motor	1.5KW	2.29KW	1.6KW
Z-axis Servo Motor	3.0KW	3.14KW	2.7KW
Spindle Motor	5.5KW	4.8KW	5.5KW
Leadscrew & Guidway	TAIWAN HIWIN / PMI		
Bearing	JAPAN NSK / GERMANY FAG		
Leadscrew Coupler	GERMANY / TAIWAN		
Spindle	TAIWAN ROYAL / SPINDER		

PARAMETER

Travel	Max. Travel Of X-axis	(mm)	600
	Max. Travel Of Y-axis	(mm)	400
	Max. Travel Of Z-axis	(mm)	300
	Distance Between Table&spindle Nose	(mm)	155-320/400
Table	Table Size	(mm)	700x420
	Max. Load	(kg)	300
Spindle	Spindle Speed	(min ⁻¹)	20,000min ⁻¹
	Max. Tapping Speed	(min ⁻¹)	MAX.4,500
	Spindle Tapper	/	BT30
Feeding Speed	Rapid Speed X/y/z	(m/min ⁻¹)	60x60x60
	Cutting Speed	(mm/min ⁻¹)	X/Y/Z-axis: 1-30, 000
Tools	Tools Size	/	MA5-BT30
	Max. Tools Storage	/	16
	Max. Tool Length	(mm)	250
	Max. Tools Diameter	(mm)	110
	Max. Tools Weight	(kg)	3.0
Power	Power Voltage	V	AC380V ±10%、50/60Hz±1Hz
	Total Power	(KW)	15
Air	Air Pressure	(MPa)	0.65
	Air Flow	(L/min)	45
Coolant System	Water Volume	L	250
	Water Pump	w	700
Machine Size	Machine Height	(mm)	2,500
	Floor Area	(mm)	1,900x2,680
	G.W	(T)	3.8
Accuracy	Accuracy Of Two Axis	(mm)	<0.004
	Repositioning Of Two Axis	(mm)	<0.004
Door	Manual door	Double linkage door	
Standard Accessories	6 Anchor bolt / 6 Horizontal Plate / Splash Plate		

Remark:
The parameter for reference only, it may change without notice. 38

T5H1-SPEED DRILLING AND TAPPING CENTER AND TAPPING CENTER



Features:

1. Auto tool changer system made by TAIWAN SANJET.
2. Taiwan Royal spindle. Max speed up to 20000rpm, can make smooth finish.
3. Full cover shell, steel slide cover
4. Owned 4th axis function, customer can add it according to their demand (no extra cost).
5. Rapid moving speed up to 60m/min.
6. All spindle had been strictly test by PRUFTECHNIK : dynamical balance testing instrument (Made in German).
7. Double linkage door is so wide for material load and unload.
8. X/Y/Z axis had been inspect by RENISHAW (Made in England) ball-bar and laser interferometer.

Configuration

Controller	MITSUBISHI-M70	SIEMENS828	FANUC
X/Y-axis Servo Motor	1.5KW	2.29KW	1.6KW
Z-axis Servo Motor	3.0KW	3.14KW	2.7KW
Spindle Motor	5.5KW	4.8KW	5.5KW
Leadscrew & Guidway	TAIWAN HWIN / PMI		
Bearing	JAPAN NSK / GERMANY FAG		
Leadscrew Coupler	GERMANY / TAIWAN		
Spindle	TAIWAN ROYAL / SPINDER		

PARAMETER

			MITSUBISHI-M70/FANUC/SIEMENS828
Travel	Max. Travel Of X-axis	(mm)	500
	Max. Travel Of Y-axis	(mm)	400
	Max. Travel Of Z-axis	(mm)	300
	Distance Between Table&spindle Nose	(mm)	155-320/400
Table	Table Size	(mm)	700x420
	Max. Load	(kg)	300
Spindle	Spindle Speed	(min ⁻¹)	20,000min ⁻¹
	Max. Tapping Speed	(min ⁻¹)	MAX.4,500
	Spindle Tapper	/	BT30
Feeding Speed	Rapid Speed X/y/z	(m/min ⁻¹)	60x60x60
	Cutting Speed	(mm/min ⁻¹)	X/Y/Z-axis: 1~30, 000
Tools	Tools Size	/	MA5-BT30
	Max. Tools Storage	/	16
	Max. Tools Length	(mm)	250
	Max. Tools Diameter	(mm)	110
	Max. Tools Weight	(kg)	3.0
Power	Power Voltage	V	AC380V ±10% 50/60Hz±1Hz
	Total Power	(KW)	15
Air	Air Pressure	(MPa)	0.65
	Air Flow	(L/min)	45
Coolant System	Water Volume	L	250
	Water Pump	m	700x2
Machine Size	Machine Height	(mm)	2,500
	Floor Area	(mm)	1,900x2,680
	G.W	(T)	3.5
	Accuracy Of Two Axis	(mm)	<0.004
Accuracy	Repositioning Of Two Axis	(mm)	<0.004
Door	Manual door	Double linkage door	
Standard Accessories	6 Anchor bolt / 6 Horizontal Plate / Splash Plate		

Specialized in manufacturing, innovation excellence

DRILLING&TAPPING PERFORMANCE

1. Motor drive the spindle directly so that there will not produce any noise of the belt and wheel gear ,and also the problem of shaking ,improve smoothness of surface, can get a high efficiency rigid tapping.

2. This machine adopt RAYAL spindle , can satisfy the inquiry of speed and rigid.

3. Our special design of clamp arm type knife library not only can satisfy the need of cutting tools also increase stability of stand column .

4. Work table can hold a heavy load so that support a efficiency bases while machining

5. 3 axis adopt high precision guideway (35mm) from TAIWAN, can hold a heavy load ,rapid speed, ensure precise localization.



6. Ballscrew use structure of pre-stretching and pre-pressing ,so this machine own a high rigidity and extend accuracy life.

7. Wider a type stand column ensure the stability of machine .

8. Receding stamping type base design, collocation more water tank, double pump can rapid clearance stamping, avoid the machine internal chips.

9. Using nodular cast iron castings can plus ultra wide base design more permanent guarantee quality.



The Four th Axis

Remark:
The parameter for reference only, it may change without notice. 40

HI-SPEED MACHINING CENTERS SERIES



Features:

1. Auto tool changer system made by TAIWAN Deta.
2. Taiwan Royal spindle. Max speed up to 12000rpm, can make smooth finish
3. Full cover shell, steel slide cover.
4. Owned 4th axis function, customer can add it according to their demand (no extra cost).
5. Rapid moving speed up to 60m/min.
6. All spindle had been strictly test by PRUFTECHNIK : dynamical balance testing instrument (Made in German).
7. Double linkage door is so wide for material load and unload.
8. X/Y/Z axis had been inspect by RENISHAW(Made in England) ball-bar and laser interferometer.

RECOMMENDED : SUITABLE FOR HIGH PRECISION REQUIREMENT & MASS HIGH PRECISION PARTS .

Configuration

Controller	MITSUBISHI-M70	SIEMENS828	FANUC
X/Y-axis Servo Motor	1.5KW	2.29KW	2.7KW
Z-axis Servo Motor	3.0KW	3.14KW	3.5KW
Spindle Motor	5.5KW	7.0KW	7.5KW
Leadscrew & Guidway	TAIWAN HIWIN / PMI		
Bearing	JAPAN NSK / GERMANY FAG		
Leadscrew Coupler	GERMANY / TAIWAN		
Spindle	TAIWAN ROYAL / SPINDER		

PARAMETER

			MITSUBISHI-M70/FANUC/SIEMENS828
Travel	Max. Travel Of X-axis	(mm)	600
	Max. Travel Of Y-axis	(mm)	400
	Max. Travel Of Z-axis	(mm)	300
	Distance Between Table&spindle Nose	(mm)	155-320/400
Table	Table Size	(mm)	700x420
	Max. Load	(kg)	300
Spindle	Spindle Speed	(min ⁻¹)	12,000min ⁻¹
	Max. Tapping Speed	(min ⁻¹)	MAX.4,500
	Spindle Tapper	/	8140
Feeding Speed	Rapid Speed X/y/z	(m/min ⁻¹)	60x60x60
	Cutting Speed	(mm/min ⁻¹)	X/Y/Z-axis 1~30, 000
Tools	Tools Size	/	MA5-BT40
	Max. Tools Storage	/	20
	Max. Tools Length	(mm)	250
	Max. Tools Diameter	(mm)	110
	Max. Tools Weight	(kg)	3.0
Power	Power Voltage	V	AC380V ±10%、50/60Hz±1Hz
	Total Power	(KW)	15
Air	Air Pressure	(MPa)	0.65
	Air Flow	(L/min)	160
Coolant System	Water Volume	L	250
	Water Pump	w	700x2
Machine Size	Machine Height	(mm)	2,780
	Floor Area	(mm)	2,200x2,680
	G.W	(T)	4.2
Accuracy	Accuracy Of Two Axis	(mm)	<0.004
	Repositioning Of Two Axis	(mm)	<0.004
Door	Manual door	Double linkage door	
Standard Accessories 6 Anchor bolt / 6 Horizontal Plate / Splash Plate			

Remark:
The parameter for reference only, it may change without notice. 42

V8H I-SPEED MACHINING CENTER-SPEED MACHINING CENTER



FUTURES:

1. Auto tool changer system made by Taiwan Deta.
2. Taiwan Royal spindle. Max speed up to 12000rpm.
3. Full cover shell, steel slide cover.
4. Owned 4th axis function, customer can add it according to their demand, (easy to update).
5. Rapid moving speed up to 60m/min.
6. All spindle had been strictly test by PRUFTECHNIK : dynamical balance testing instrument (Made in German).
7. Double linkage door is so wide for material load and unload.
8. X/Y/Z axis had been inspect by RENISHAW(Made in England) ball-bar and laser interferometer.

Configuration

Controller	MITSUBISHI-M70	SIEMENS828	FANUC
X/Y-axis Servo Motor	2.0KW	2.7KW	2.7KW
Z-axis Servo Motor	3.0KW	3.3KW	3.5KW
Spindle Motor	7.5KW	7.0KW	7.5KW
Leadscrew & Guidway	TAIWAN HIWIN / PMI		
Bearing	JAPAN NSK / GERMANY FAG		
Leadscrew Coupler	GERMANY / TAIWAN		
Spindle	TAIWAN ROYAL / SPINDER		

PARAMETER

Travel	Max. Travel Of X-axis	(mm)	800
	Max. Travel Of Y-axis	(mm)	500
	Max. Travel Of Z-axis	(mm)	530
	Distance Between Table&spindle Nose	(mm)	155-680
Table	Table Size	(mm)	1000X450
	Max. Load	(kg)	600
Spindle	Spindle Speed	(min ⁻¹)	12,000min ⁻¹
	Max. Tapping Speed	(min ⁻¹)	MAX.3,000
	Spindle Tapper	/	BT40
Feeding Speed	Rapid Speed X/y/z	(m/min)	60x60x60
	Cutting Speed	(mm/min)	X/Y/Z-axis: 1-30, 000
Tools	Tools Size	/	MA5-BT40
	Max. Tools Storage	/	24
	Max. Tools Length	(mm)	250
	Max. Tools Diameter	(mm)	110
	Max. Tools Weight	(kg)	3.0
Power	Power Voltage	V	AC380V ±10%, 50/60Hz±1Hz
	Total Power	(KW)	20
Air	Air Pressure	(MPa)	0.65
	Air Flow	(L/min)	160
Coolant System	Water Volume	L	250
	Water Pump	w	700x2
Machine Size	Machine Height	(mm)	2,500
	Floor Area	(mm)	2,350x2,680
	G.W	(T)	4.8
	Accuracy Of Two Axis	(mm)	<0.004
Accuracy	Repositioning Of Two Axis	(mm)	<0.004
	Door		
Standard Accessories	Manual door		Double linkage door

Specialized in manufacturing, innovation excellence

MACHINING PERFORMANCE

1.Shoulder load type knife library

Our company redesign the knife library as shoulder load type, make the knife library gravity directly fixed on the base, improve the long-term use of vertical degree, the column will not tilt because the knife library gravity and use for a long time for.

2.Double cylinder balance system

Z axis adopt double high-pressure pneumatic cylinder balance system (traditional structure is that minicomputer without weight, increased the z axis motor, and the mainframe is heavy hammer with heavy weight .) The machine is equipped with energy storage so that can increase guideway and ballscrew 's precision, Keep no uneven wear. High speed switching force gasoline play knife cylinder, the knife dynamics between 3000 and 5000 KG, ensure change tools fastly, loosen tool time can be control in 0.8 seconds.

3.The orbit of telescopic guide rail direct, extension do cover, can prolong the working life of the shield.

4.The characteristics of line rail slider

On both ends of the slider has a protection plate, Slider has six lubrication interface (nozzle),smooth running and low noise, special 4 row ball design, ball bearings are two contact no matter how the direction of the load, so that friction can be reduced to the minimum.



5. Each side has three sets of the slider on Z axis (normally each side has two slider) which can enhance cutting stiffness. Our machine will do a heavy cutting tests after 72 hours running without machining to ensure long-term stable quality.

6.Motor protective circle, improve overall straight roundness, the traditional way is installed directly after use boring machine to bore a hole (might load to a big roundness deviation) .Using motor protective circle can increase the precision of machining .Motor protective circle can keep the bearing sleeve hot co-efficient of expansion. Servo motor through rigid coupling is directly connected to the screw, can ensure the accuracy. Compared with the belt and interference coupling, JSTOMI 's rigid connection shaft substantially improve the machinability and transmission accuracy.

7.Using of five-axis linkage machine tool make it easier to clamping materials. Machining without special fixture, reduce the cost of the fixture, avoids repeatedly clamping, improve the machining precision of the mould.

The Fifth Axis



Remark:

The parameter for reference only, it may change without notice.

DX3 HI-SPEED ENGRAVING CNC MACHINE ENGRAVING CNC DX4 HI-SPEED ENGRAVING CNC MACHINE



RECOMMENDED: SUITABLE FOR MACHINING PHONE, WATCH AND GLASS SHELL & PHONE ACCESSORIES, STAINLESS STEEL ORNAMENT ETC.

Features:

- 1.Imported German five-axis crash-proof strengthen structure design, strong rigidity, good linkage effect. More conducive to processing surface and circular arc surface.
- 2.Choose Germany REXROTH precision lead screw and guide rail, slider, cooperate with high-resolution servo drive imported from Japan, four main axis design, the various power and speed, the selection. can be used in low speed torque of milling, processing products, such as high-speed carved made four main features without change your knife.
- 3.All spindle had been strictly test by PRUFTECHNIK :dynamical balance testing instrument (Made in German).
4. X/Y/Z axis had been inspect by RENISHAW(Made in England) ball-bar and laser interferometer.
- 5.3 electric spindle, Max. speed 24000RPM.

PARAMETER

Model	DX3
Controller	MITSUBISHI/FANUC/ SYNTEC
Servo Motor	MITSUBISHI/FANUC/ SYNTEC
Travel	470x280x300
Table	500x400
Spindle Power	2.2KW/24000 RPM
Spindle Speed	3.2KW/24000 RPM
Spindle Transmission	1.5KW/48000 RPM
Servo Motor Power	750W 400W
Nut Size	ER-20 ER-16 ER-11
Repositioning Of Two Axis	0.005(mm)
Max Tools Diameter	∅1-10
Rapid Speed	25000mm/min
Coolant System	Oil Coolant
4 Axis Splitter	From TAIWAN

RECOMMENDED: SUITABLE FOR MACHINING PHONE, WATCH AND GLASS SHELL & PHONE ACCESSORIES, STAINLESS STEEL ORNAMENT ETC.

Features:

- 1.Imported Germany 5 axis crash-proof strengthen structure design, strong rigidity, good linkage effect. More conducive to processing surface and circular arc surface.
- 2.Choose Germany REXROTH precision lead screw and guide rail, slider, cooperate with high-resolution servo drive imported from Japan, four main axis design, the various power and speed, the selection. can be used in low speed torque of milling, processing products, such as high-speed carved made four main features without change your knife.
- 3.All spindle had been strictly test by PRUFTECHNIK :dynamical balance testing instrument (Made in German).
4. X/Y/Z axis had been inspect by RENISHAW(Made in England) ball-bar and laser interferometer.
- 5.4 electric spindle, Max. speed 24000RPM.

PARAMETER

Model	DX4
Controller	MITSUBISHI/FANUC/ SYNTEC
Servo Motor	MITSUBISHI/FANUC/ SYNTEC
Travel	470x280x300
Table	500x400
Spindle Power	2.2KW/24000 RPM
Spindle Speed	3.2KW/24000 RPM
Spindle Transmission	1.5KW/48000 RPM
Servo Motor Power	750W 400W
Nut Size	ER-20 ER-16 ER-11
Repositioning Of Two Axis	0.005(mm)
Max Tools Diameter	∅1-10
Rapid Speed	25000mm/min
Coolant System	Oil Coolant
4 Axis Splitter	From TAIWAN

Remark:
The parameter for reference only, it may change without notice.

AUTOMATION MACHINE MACHINING PARTS



Full-automatic Oil Bath Bar Feeder



Oil Bath bar-feeder



Rail Type Manipulator



Rail Type Manipulator



Arm Type Manipulator

