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# 公司简介

## INTRODUCTION

泊头市郁都机械制造有限公司座落于铸造之乡——泊头。占地10000平方米，致力于阀门专用数控机床的研发、生产和销售。公司重视研发投入和技术创新，专业设计各种阀门及异形件专用数控机床，拥有经验丰富、研发能力较强的研发团队，保障了公司的持续创新能力。公司凭借较强的技术实力，公司被评为“沧州市高新技术发展企业”等荣誉称号。

公司主要生产阀门专用三面数控铣床、双面数控铣床、多孔钻床、钻床攻丝机等设备，产品主要用于：阀门制造业、管件制造业、工业泵制造业、消防栓制造业、减速机壳体、动车组弹簧等。设备畅销国内多个省份，同时远销国外多个国家，包括越南、俄罗斯、印度尼西亚、印度、伊朗、马来西亚等国家。公司将继续以中国智能制造发展趋势为导向，以自主研发、技术创新为驱动力，大力推行智能专用数控设备产品，拓展智能化生产线业务，竭力为用户提供阀门及异形件加工优秀解决方案和高品质产品。

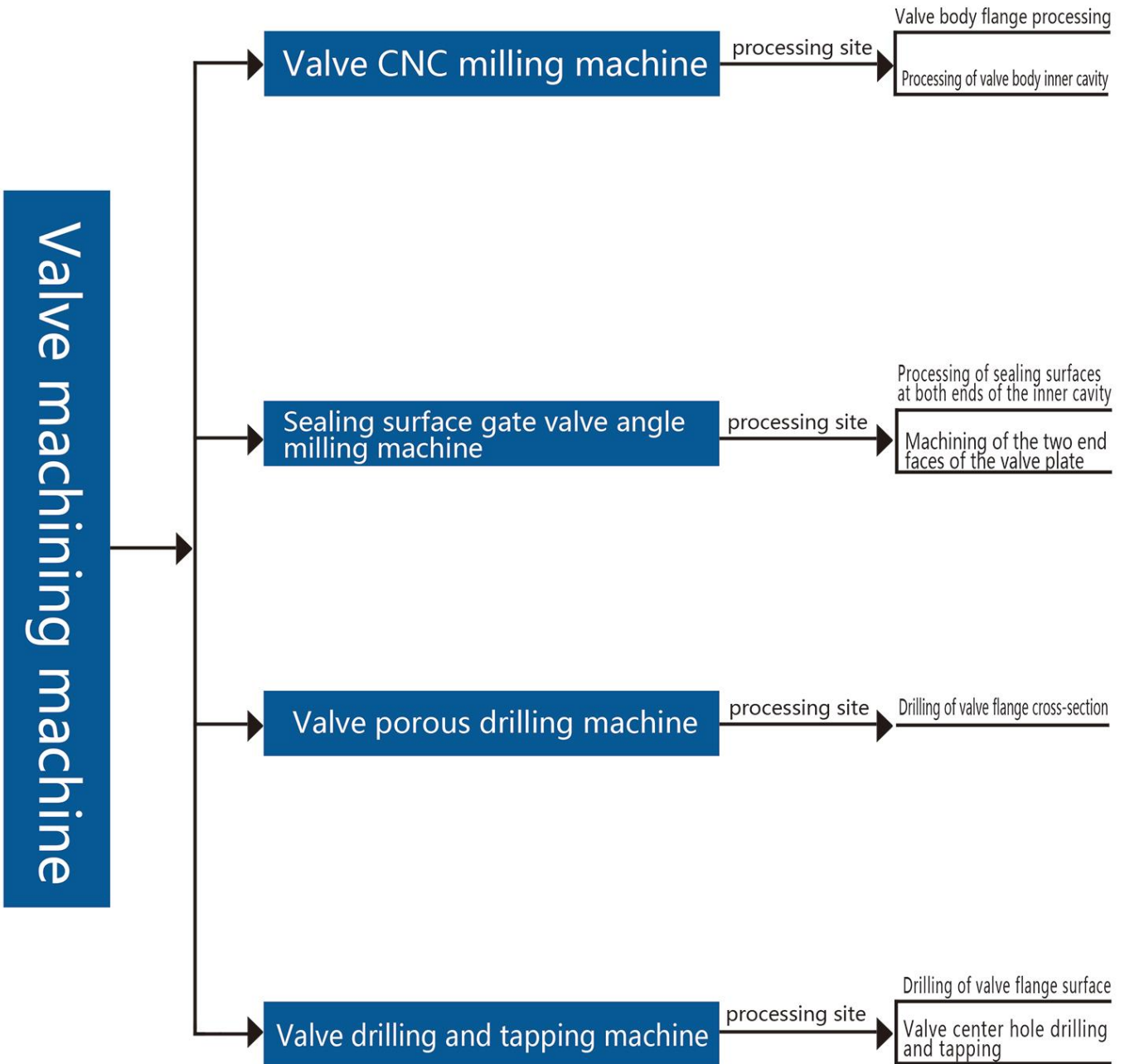
Botou Yudu Machinery Manufacturing Co., Ltd. is located in the hometown of foundry – Botou. Covering an area of 10,000 square meters, it is committed to the research and development, production and sales of CNC machine tools for valves. The company attaches importance to R & D investment and technological innovation, professionally designs a variety of valves and special-shaped CNC machine tools, has a rich experience, strong R & D ability R & D team, to ensure the company's continuous innovation ability.

With strong technical strength, the company has been awarded the honorary title of "Cangzhou High-tech Development Enterprise" and other honorary titles.

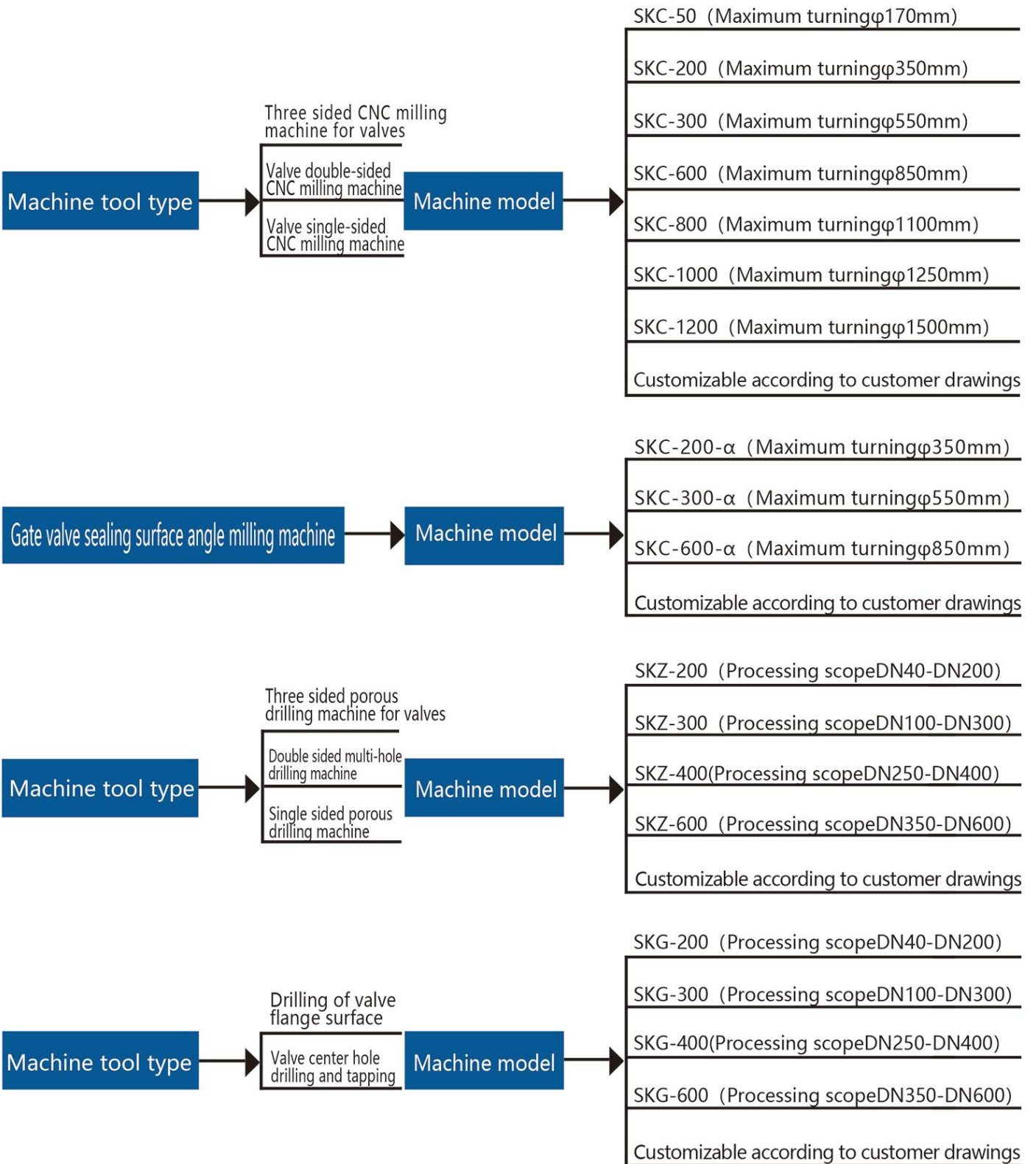
The company mainly produces three-sided CNC milling machine for valves, double-sided CNC milling machine, multi-hole drilling machine, drilling machine tapping machine and other equipment, and the products are mainly used in: valve manufacturing industry, pipe fittings manufacturing industry, industrial pump manufacturing industry, fire hydrant manufacturing industry, reducer housing, EMU spring, etc. The equipment sells well in many provinces in China, and is exported to many foreign countries, including Vietnam, Russia, Indonesia, India, Iran, Malaysia and other countries.

The company will continue to be guided by the development trend of China's intelligent manufacturing, take independent research and development, technological innovation as the driving force, vigorously promote intelligent special CNC equipment products, expand intelligent production line business, and strive to provide users with excellent solutions and high-quality products for valve and special-shaped parts processing.





CNC machines can be customized upon request



# Cast steel three-sided milling machine



Semi-protective



Unprotected



## ◆ Machine tool advantages and features

The three-sided horizontal CNC turning and milling machine is a special machine tool for cast steel developed by our company based on the original special machine tool in view of the characteristics of irregular casting gates, large machining allowance, and high cutting hardness of cast steel valves.

- 1、 The bed and box are integrally cast with secondary tempering technology, and adopt a single-sided V-shaped guide rail structure. The guide rails are high-frequency quenched and manually scraped to improve the overall stability of the machine tool and provide strong support for heavy cutting.
- 2、 The machine tool is suitable for processing three surfaces of various valves, pipe fittings, fire hydrants, etc. that need to ensure parallelism and verticality.
- 3、 The processing efficiency is high. During the processing process, the machine tool adopts the method of three power heads working at the same time, which can complete the outer circle, end face, chamfering, inner hole, boss, water line and stop of three flanges at the same time. , grooving and other processing processes.
- 4、 The machine tool is controlled by a CNC system, and the processing dimensions are highly uniform. The same type of workpiece can be processed repeatedly with only one tool setting.
- 5、 Saves labor. It is easy to learn for those with CNC operation experience. One special machine is equivalent to the efficiency of three CNC machines. One person can operate 2-3 special machines at the same time.
- 6、 Workpiece material: stainless steel, cast steel, forged steel, cast iron, copper, etc.

## ◆ Specification parameters

project	unit	SKC-50	SKC-200	SKC-300	SKC-600	SKC-800	SKC-1000	SKC-1200
Maximum turning diameter	mm	φ 170	φ 350	φ 550	φ 850	φ 1100	φ 1250	φ 1500
Minimum turning diameter	mm	300	600	700	900	1100	1300	1400
Minimum processing length	mm	≤ 50	≤ 50	≤ 50	≤ 300	≤ 400	≤ 400	≤ 500
Z axis single side travel	mm	200	300	350	400	450	450	450
Machine tool center height	mm	240	300	400	600	750	850	1100
Speed/gear		Continuously variable speed	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission
Spindle speed	r/min	50-1000	120-240	120-240	50-100	50-90	40-80	35-70
Spindle motor power	KW	5.5 ( 伺服主轴电机 )	5.5	7.5	11	15	15	22
Feed servo motor	N.M	10/10	10/15	10/15	15/19	21.5/21.5	21.5/21.5	27/27
CNC system		Xinkerui980TDca						
Bed style		Three-sided integral casting type						
Lathe bed guide rail		Single side V-shaped rigid guide rail						
Flat rotating disc guide rail		Double dovetail						
Lubrication method		Electronic lubrication pump						
Pressing method		Hydraulic compression, frame-type compression bracket, movable compression beam						
Protection type	Unprotected							
	Semi-protective	Contains semi-enclosed sheet metal outer protection, including waterproof chip removal groove, cooling mechanism and cooling water tank						
	Full protection type	Contains fully enclosed sheet metal outer protection, spiral and chain plate chip conveyor, trolley and cooling mechanism						
Remark		1.The machine model can be customized according to customer products, including processing 2.Robots or trusses can be matched according to customer needs 3.CNC system brands and models can be customized according to customer needs						

## ◆ Machine Tool Details



## ◆ Processing workpieces



# CNC double-sided CNC milling machine

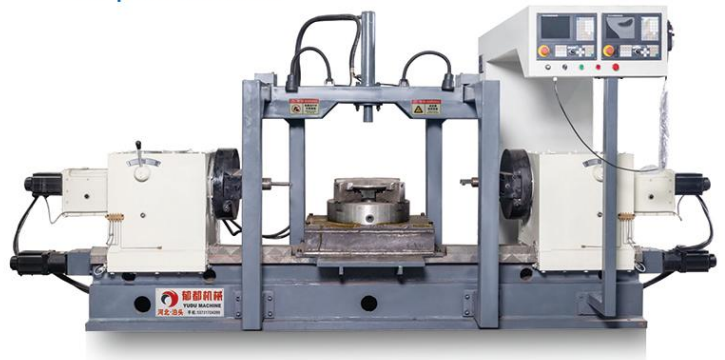
You can choose cast steel type or cast iron type



Semi-protective



Unprotected



## ◆ Machine tool advantages and features

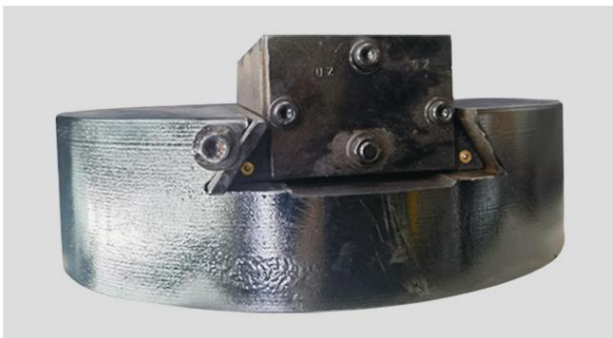
The machine tool is controlled by a CNC system, which is simple and convenient to operate. The processing speed is fast and the efficiency is high, saving labor and reducing costs.

- 1、 The bed and box are integrally cast and adopt a single-sided V-shaped guide rail structure. The guide rails are high-frequency quenched and manually scraped. They have good rigidity, long life, high precision, and strong structural stability.
- 2、 The machine tool is suitable for processing the sealing surfaces at both ends of the inner cavity of various flange pipe fittings, elbows, and hard-sealed gate valves or the end surfaces at both ends of the gate plate.
- 3、 The processing efficiency is high. During the processing, the machine tool uses two power heads to work at the same time. The processing of flanges, planes or holes can be completed in one clamping.
- 4、 The machine tool is controlled by a CNC system, and the processing dimensions are highly uniform. The same type of workpiece can be processed repeatedly with only one tool setting.
- 5、 Saves labor. It is easy to learn for those with CNC operation experience. One special machine is equivalent to the efficiency of three CNC machines. One person can operate 2-3 special machines at the same time.

## ◆ Specification parameters

project	unit	SKC-50	SKC-200	SKC-300	SKC-600	SKC-800	SKC-1000	SKC-1200
Maximum turning diameter	mm	φ 170	φ 350	φ 550	φ 850	φ 1100	φ 1250	φ 1500
Minimum turning diameter	mm	300	600	600	900	1100	1300	1400
Minimum processing length	mm	≤ 50	≤ 50	≤ 50	≤ 300	≤ 400	≤ 400	≤ 500
Z axis single side travel	mm	200	300	300	400	450	450	450
Machine tool center height	mm	240	300	390	600	750	850	1100
Speed/gear		Continuously variable speed	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission
Spindle speed	r/min	50-1000	120-240	120-240	50-100	50-90	40-80	35-70
Spindle motor power	KW	5.5 Servo spindle motor	4	4/7.5	11	15	15	22
Feed servo motor	N.M	10/10	10/15	10/15	15/19	21.5/21.5	21.5/21.5	27/27
CNC system		Xinckerui980TDca						
Bed style		Double-sided integral casting equipment						
Lathe bed guide rail		Linear guide or hard rail	Double dovetail					
Flat rotating disc guide rail		Electronic lubrication pump						
Lubrication method		Hydraulic compression, frame-type compression bracket, movable compression beam						
Pressing method		Pneumatic pressing or hydraulic pressing						
Protection type	Unprotected							
	Semi-protective	Includes semi-enclosed protective cover						
	Full protection type	Contains fully enclosed sheet metal outer protection, spiral and chain plate chip conveyor, trolley and cooling mechanism						
Remark		1.The machine model can be customized according to customer products, including processing 2.Robots or trusses can be matched according to customer needs 3.CNC system brands and models can be customized according to customer needs						

## ◆ Machine Tool Details



## ◆ Processing workpieces



# CNC single station milling machine

You can choose cast steel type or cast iron type



## ◆ Machine tool advantages and features

The machine tool is controlled by a CNC system, which is simple and convenient to operate. The processing speed is fast and the efficiency is high, saving labor and reducing costs.

- 1、The bed and box are integrally cast and adopt a single-sided V-shaped guide rail structure. The guide rails are high-frequency quenched and manually scraped. They have good rigidity, long life, high precision, and strong structural stability.
2. The machine tool is suitable for processing the key end faces, outer circles, flat surfaces and inner holes of various valve bodies.
3. The processing efficiency is high, and the processing processes such as flange outer circle, end face, chamfering, inner hole, boss, waterline, stop, and grooving can be completed in one clamping.
4. The machine tool is controlled by a CNC system, and the processing dimensions are highly uniform. The same type of workpiece can be processed repeatedly with only one tool setting.
5. Save labor. It is easy to learn for those with CNC operation experience. One person can operate two lathes at the same time or operate a lathe and a drilling machine at the same time.

## ◆ Specification parameters

project	unit	SKC-50	SKC-200	SKC-300	SKC-600	SKC-800	SKC-1000	SKC-1200
Maximum turning diameter	mm	φ 170	φ 350	φ 550	φ 850	φ 1100	φ 1250	φ 1500
Minimum turning diameter	mm	300	600	600	900	1100	1300	1400
Minimum processing length	mm	≤ 50	≤ 50	≤ 50	≤ 300	≤ 400	≤ 400	≤ 500
Z axis single side travel	mm	200	300	300	400	450	450	450
Machine tool center height	mm	240	300	390	600	750	850	1100
Speed/gear		Continuously variable speed	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission
Spindle speed	r/min	50-1000	120-240	120-240	50-100	50-90	40-80	35-70
Spindle motor power	KW	5.5 Servo spindle motor	4	4/7.5	11	15	15	22
Feed servo motor	N.M	10/10	10/15	10/15	15/19	21.5/21.5	21.5/21.5	27/27
CNC system		Xinkerui980TDca						
Bed style		Single side V-shaped rigid guide rail						
Lathe bed guide rail		Linear guide or hard rail	Double dovetail					
lat rotating disc guide rail		Electronic lubrication pump						
Pressing method		Pneumatic pressing or hydraulic pressing	Hydraulic compression, frame-type compression bracket, movable compression beam					
Protection type	Unprotected							
	Semi-protective	Includes semi-enclosed protective cover						
	Full protection type	Contains fully enclosed sheet metal outer protection, spiral and chain plate chip conveyor, trolley and cooling mechanism						
Remark	1.The machine model can be customized according to customer products, including processing 2.Robots or trusses can be matched according to customer needs 3.CNC system brands and models can be customized according to customer needs							

## ◆ Machine Tool Details



## ◆ Processing workpieces



# Cast steel three-sided milling machine



Semi-protective



Unprotected



## ◆ Machine tool advantages and features

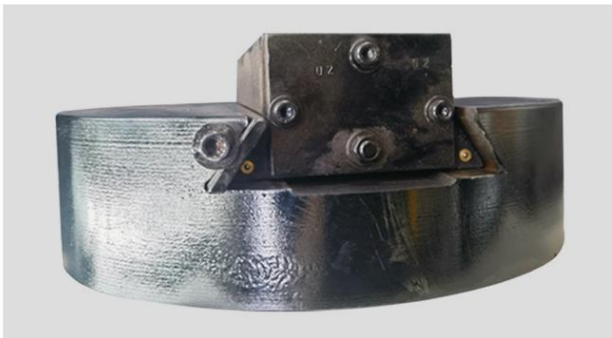
The three-sided horizontal CNC turning and milling machine is a special machine tool for cast steel developed by our company based on the original special machine tool in view of the characteristics of irregular casting gates, large machining allowance, and high cutting hardness of cast steel valves.

1. The bed and box are integrally cast with secondary tempering technology, and adopt a single-sided V-shaped guide rail structure. The guide rails are high-frequency quenched and manually scraped to improve the overall stability of the machine tool and provide strong support for heavy cutting.
2. The machine tool is suitable for processing three surfaces of various valves, pipe fittings, fire hydrants, etc. that need to ensure parallelism and verticality.
3. The processing efficiency is high. During the processing process, the machine tool adopts the method of three power heads working at the same time, which can complete the outer circle, end face, chamfering, inner hole, boss, water line and stop of three flanges at the same time. , grooving and other processing processes.
4. The machine tool is controlled by a CNC system, and the processing dimensions are highly uniform. The same type of workpiece can be processed repeatedly with only one tool setting.
5. Saves labor. It is easy to learn for those with CNC operation experience. One special machine is equivalent to the efficiency of three CNC machines. One person can operate 2-3 special machines at the same time.
6. Workpiece material: stainless steel, cast steel, forged steel, cast iron, copper, etc.

## ◆ Specification parameters

project	unit	SKC-50	SKC-200	SKC-300	SKC-600	SKC-800	SKC-1000	SKC-1200
Maximum turning diameter	mm	φ 170	φ 350	φ 550	φ 850	φ 1100	φ 1250	φ 1500
Minimum turning diameter	mm	300	600	600	900	1100	1300	1400
Minimum processing length	mm	≤ 50	≤ 50	≤ 50	≤ 300	≤ 400	≤ 400	≤ 500
Z axis single side travel	mm	200	300	300	400	450	450	450
Machine tool center height	mm	240	300	390	600	750	850	1100
Speed/gear		Continuously variable speed	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission	Four speed transmission
Spindle speed	r/min	50-1000	120-240	120-240	50-100	50-90	40-80	35-70
Spindle motor power	KW	5.5 Servo spindle motor	4	4	11	15	15	22
Feed servo motor	N.M	10/10	10/15	10/15	15/19	21.5/21.5	21.5/21.5	27/27
CNC system		Xinkerui980TDca						
Bed style		Three-sided integral casting type						
Lathe bed guide rail		Linear guide or hard rail	Single side V-shaped rigid guide rail					
Flat rotating disc guide rail		Double dovetail						
Lubrication method		Electronic lubrication pump						
Pressing method		Pneumatic pressing or hydraulic pressing	Hydraulic compression, frame-type compression bracket, movable compression beam					
Protection type	Unprotected							
	Semi-protective	Contains semi-enclosed sheet metal outer protection, including waterproof chip removal groove, cooling mechanism and cooling water tank						
	Full protection type	Contains fully enclosed sheet metal outer protection, spiral and chain plate chip conveyor, trolley and cooling mechanism						
Remark	1.The machine model can be customized according to customer products, including processing 2.Robots or trusses can be matched according to customer needs 3.CNC system brands and models can be customized according to customer needs							

## ◆ Machine Tool Details



## ◆ Processing workpieces



# Hard seal gate valve angle duplex CNC machine tool

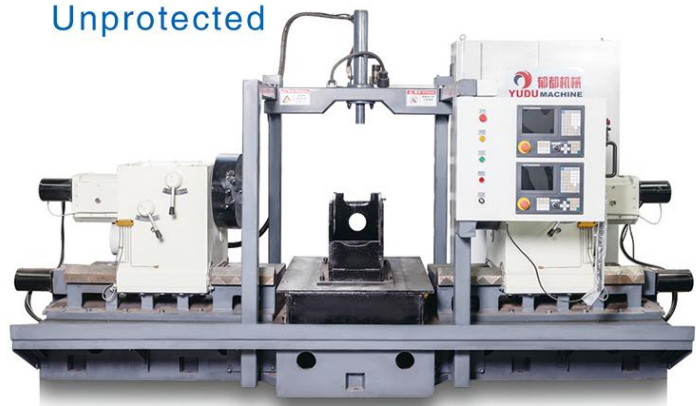
You can choose cast steel type or cast iron type



Semi-protective



Unprotected



## ◆ Machine tool advantages and features

The machine tool is controlled by a CNC system, which is simple and convenient to operate. The processing speed is fast and the efficiency is high, saving labor and reducing costs.

1. The bed and box are integrally cast and adopt a single-sided V-shaped guide rail structure. The guide rails are high-frequency quenched and manually scraped. They have good rigidity, long life, high precision, and strong structural stability.
2. The machine tool is suitable for processing the sealing surfaces at both ends of the inner cavity of various flange pipe fittings, elbows, and hard-sealed gate valves or the end surfaces at both ends of the gate plate.
3. The processing efficiency is high. During the processing, the machine tool uses two power heads to work at the same time. The processing of flanges, planes or holes can be completed in one clamping.
4. The machine tool is controlled by a CNC system, and the processing dimensions are highly uniform. The same type of workpiece can be processed repeatedly with only one tool setting.
5. Saves labor. It is easy to learn for those with CNC operation experience. One special machine is equivalent to the efficiency of three CNC machines. One person can operate 2-3 special machines at the same time.

### ◆ Specification parameters

project	unit	SKC-200	SKC-300	SKC-600
Maximum turning diameter	mm	φ 350	φ 550	φ 850
Minimum turning diameter	mm	Customized valve body length according to drawings		
Minimum processing length	mm	≤ 50	≤ 50	≤ 300
Z axis single side travel	mm	300	350	400
Machine tool center height	mm	300	400	600
Speed/gear		Four speed transmission	Four speed transmission	Four speed transmission
Spindle speed	r/min	120-240	120-240	50-100
Spindle motor power	KW	4/5.5	4/7.5	11
Feed servo motor	N.M	10/15	10/15	15/19
CNC system		Xinkerui980TDca		
Bed style		Double-sided angle adjustable (angle customized according to drawings)		
Lathe bed guide rail		Single side V-shaped rigid guide rail		
Flat rotating disc guide rail		Double dovetail		
Lubrication method		Electronic lubrication pump		
Pressing method		Hydraulic compression, frame-type compression bracket, movable compression beam		
Protection type	Unprotected			
	Semi-protective	Contains semi-enclosed sheet metal outer protection, including waterproof chip removal groove, cooling mechanism and cooling water tank		
	Full protection type	Contains fully enclosed sheet metal outer protection, spiral and chain plate chip conveyor, trolley and cooling mechanism		

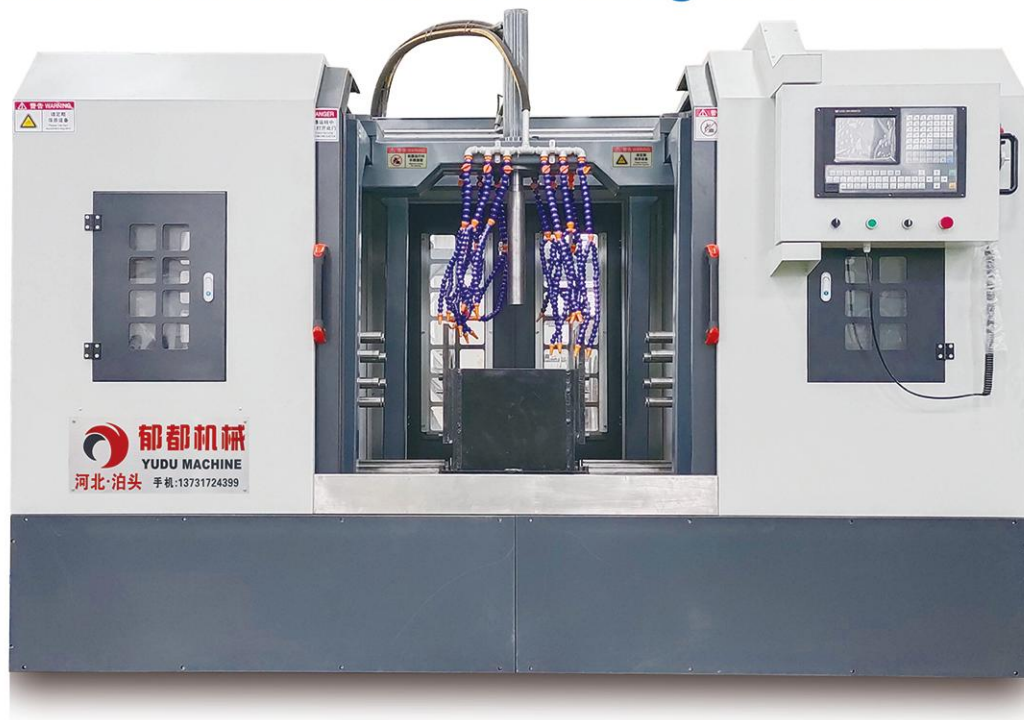
### ◆ Machine Tool Details



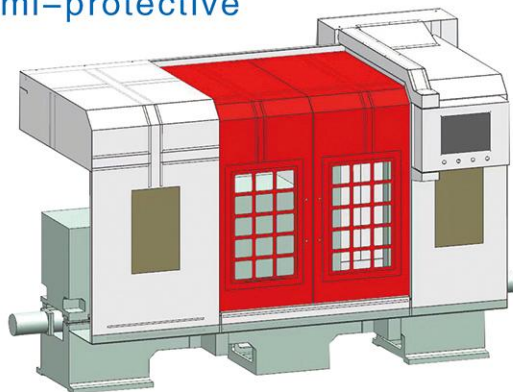
### ◆ Processing workpieces



## Double sided multi-hole drilling machine



Semi-protective



Unprotected



### ◆ Machine tool advantages and features

The machine tool is controlled by a CNC system, the box body adopts a ball screw feeding method, and the gear transmission power head makes the operation simple. The processing speed is fast and the efficiency is high, saving labor and reducing costs.

1. This machine tool is suitable for various valve fittings: it can process any valve body with two flange surfaces on the same axis, or any side can be drilled separately.
2. High processing efficiency: During the machine tool processing, the double-sided power head is clamped at one time and works to drill multiple holes on the flange at the same time.
3. Save labor: One employee can operate multiple machine tools at the same time to improve efficiency.
4. High uniformity of processing dimensions: only one adjustment is required, and subsequent drilling work can be easily completed by simply loading and unloading the workpiece.
5. Easy to operate: This machine tool can be easily operated by people without processing experience.

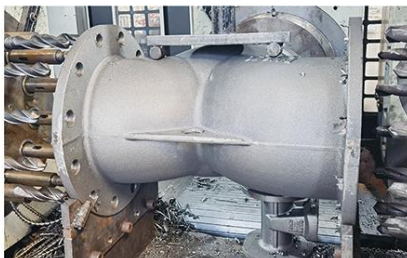
### ◆ Specification parameters

project	unit	SKZ-200	SK2-300	SKZ-400	SKZ-600
Applicable valve range		DN40-DN200	DN100-DN300	DN250-DN400	DN350-DN600
Maximum turning diameter	mm	400	600	800	1000
Drill pipe distribution diameter	mm	φ 110-φ 295	φ 180-φ 410	φ 350-φ 525	φ 470-φ 770
Number of holes		4-12	4-12	12-16	12-20
Multi-axis device type		Fixed multi-axis	Fixed multi-axis	Fixed multi-axis	Fixed multi-axis
Drill bit installation method		Morse taper handle2#	Morse taper handle2#3#	Morse taper handle3#/4#	Morse taper handle3#/4#
Drill pipe speed	r/min	200-500	200-500	100-400	100-400
Spindle motor power	KW	5.5	5.5	7.5	15
CNC system		X inkerui980TDca			
Feeding method of drilling mechanism		Servo motor driven ball screw			
Feed servo motor		10 N.M with servo reducer	10 N.M with servo reducer	10 N.M with servo reducer	10 N.M with servo reducer
Lubrication method		Linear Guides			
Flat rotating disc guide rail		Electronic lubrication pump			
Pressing method		Hydraulic compression, frame-type compression bracket, movable compression beam			
Protection type	Unprotected				
	Semi-protective	(whether equipped with cooling system according to customer requirements)			
	Full protection type	including spiral chip conveyor, chain plate chip conveyor and trolley; (whether equipped with cooling system according to customer requirements)			

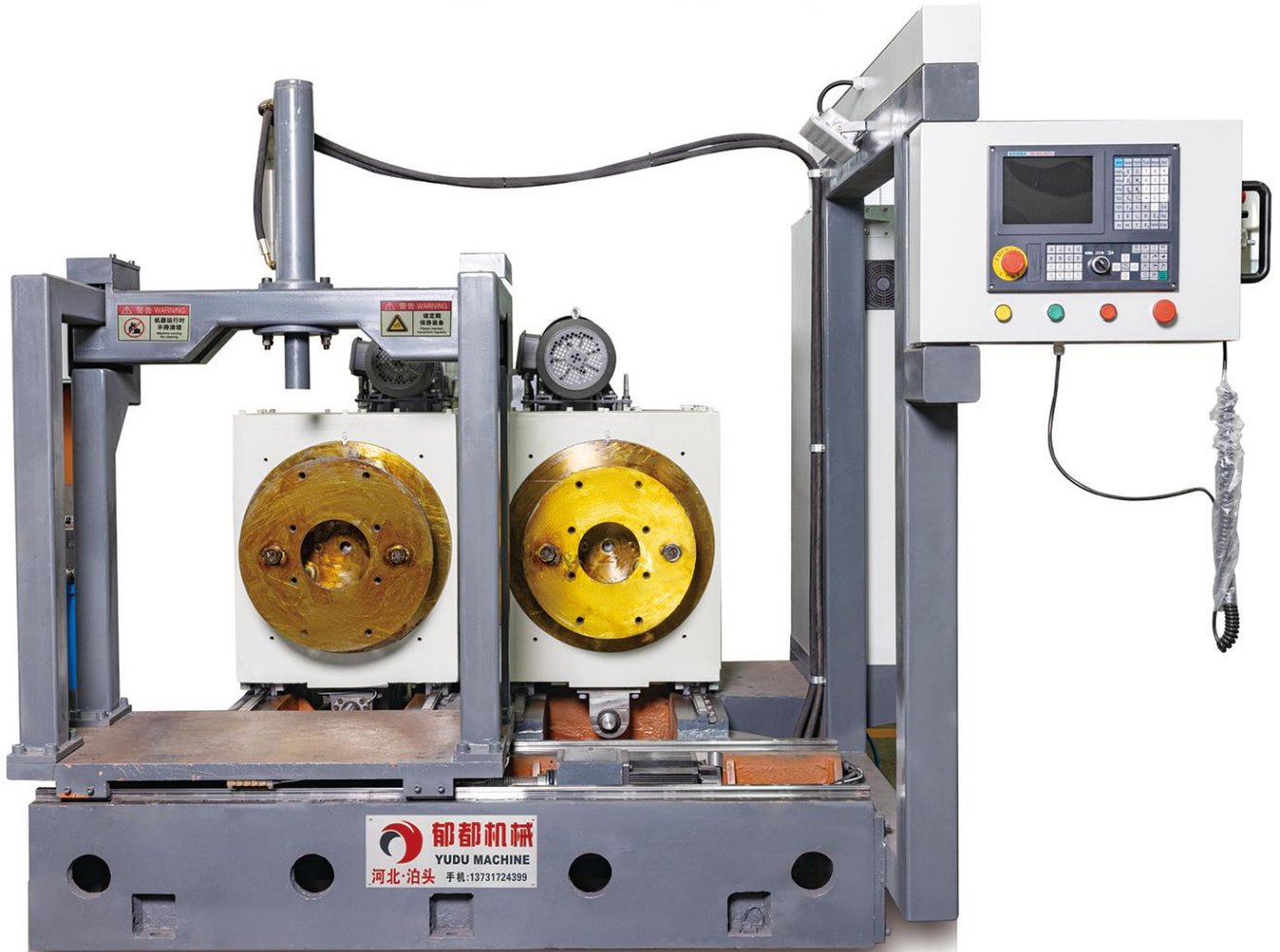
### ◆ Machine Tool Details



### ◆ Processing workpieces



## Dual station drilling and tapping CNC machine tool



### ◆ Machine tool advantages and features

The machine tool is controlled by a CNC system, the box body adopts a ball screw feeding method, and the gear transmission power head makes the operation simple. The processing speed is fast and the efficiency is high, saving labor and reducing costs.

1. The machine tool is suitable for various valve fittings: the machine tool adopts a gear-driven power head, which can process multiple holes on the same plane such as the middle opening of the valve.
2. High processing efficiency: During the processing process, the machine tool uses the longitudinal feed of the No. 1 power head to complete the drilling process of the thread shading. The workpiece moves from the transverse workbench to the second station, and the longitudinal feed of the No. 2 power head is completed. Thread tapping process. The required time is 1–2 minutes.
3. Reduce labor: drilling and tapping of multiple holes can be completed with one clamping, and the processing efficiency is very high.
4. High uniformity of processing dimensions: after the first adjustment is completed, only the workpiece needs to be clamped to cycle through drilling and tapping work.
5. Easy to operate: This machine tool can be easily operated by people without processing experience.

## ◆ Specification parameters

project	unit	SKZ-200	SK2-300	SKZ-400	SKZ-600
Applicable valve range		DN40-DN200	DN100-DN300	DN250-DN400	DN350-DN600
Maximum turning diameter	mm	Customized according to drawings	Customized according to drawings	Customized according to drawings	Customized according to drawings
Drill pipe distribution diameter		Customized according to drawings	Customized according to drawings	Customized according to drawings	Customized according to drawings
Number of holes		Customized according to drawings	Customized according to drawings	Customized according to drawings	Customized according to drawings
Multi-axis device type		Fixed multi-axis or adjustable multi-axis	Fixed multi-axis or adjustable multi-axis	Fixed multi-axis or adjustable multi-axis	Fixed multi-axis or adjustable multi-axis
Drill bit installation method		ER elastic clamping and Morse taper handle	ER elastic clamping and Morse taper handle	ER elastic clamping and Morse taper handle	ER elastic clamping and Morse taper handle
Drill pipe speed	r/min	200-500	200-500	100-400	100-400
Drilling main motor power	KW	2.2	2.2	4.0	5.5
Tapping main motor power	KW	3.0	3.0	7.5	11
CNC system		X inkerui980TDca			
Feeding method of drilling mechanism		Servo motor driven ball screw			
Feeding method of tapping mechanism		cylinder drive			
Mobile workbench feeding method		Servo motor driven ball screw			
Guide rail method		Linear Guides			
Drilling feed servo motor		10 N.M with servo reducer	10 N.M with servo reducer	15 N.M with servo reducer	15 N.M with servo reducer
Workbench servo motor		10N.M	10N.M	15N.M	15 N.M with servo reducer
Flat rotating disc guide rail		Electronic lubrication pump			
Pressing method		Hydraulic compression, frame-type compression bracket, movable compression beam			
Protection type	Unprotected				
	Semi-protective	(whether equipped with cooling system according to customer requirements)			
	Full protection type	including spiral chip conveyor, chain plate chip conveyor and trolley; (whether equipped with cooling system according to customer requirements)			

## ◆ Machine Tool Details



## ◆ Processing workpieces

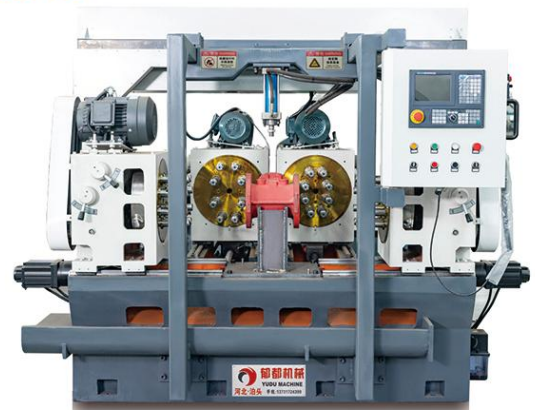
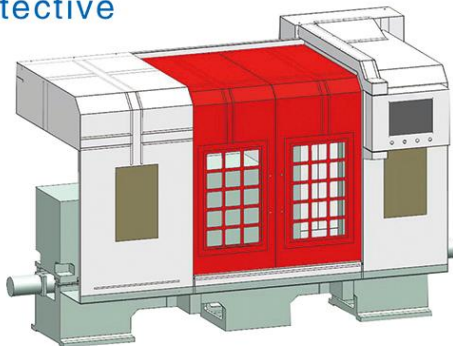


# Four-station drilling and tapping CNC machine tool



Unprotected

Semi-protective



## ◆ Machine tool advantages and features

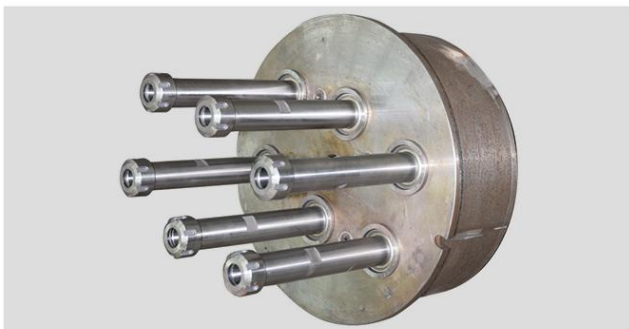
The machine tool is controlled by a CNC system. The box body adopts a ball screw feeding method, a gear-driven power head, and the flange drilling at both ends and the drilling and tapping of the middle head are processed simultaneously. easy to use. Fast processing speed, high efficiency, saving labor and reducing costs

1. The machine tool is suitable for processing gate valves, water conservancy valves, etc. that require drilling at both ends and drilling and tapping at the middle mouth.
2. High processing efficiency: During the processing process, the machine tool uses three power heads to work at the same time, which can complete three plane drilling and center tapping thread processing at the same time. The workpiece is clamped at one time, and the two flanges and the center mouth are processed at the same time, which reduces the number of clamping times and improves efficiency. One person can operate 2-3 special machines.
3. Reduce labor: drilling and tapping of multiple holes can be completed with one clamping, and the processing efficiency is very high.
4. High uniformity of processing dimensions: after the first adjustment is completed, only the workpiece needs to be clamped to cycle through drilling and tapping work.
5. Easy to operate: This machine tool can be easily operated by people without processing experience.

## ◆ Specification parameters

project	unit	SKZ-200	SK2-300	SKZ-400
Applicable valve range		DN40-DN200	DN100-DN300	DN250-DN400
Maximum turning diameter	mm	400	600	800
Drill pipe distribution diameter		φ 110-φ 295	φ 180-φ 410	φ 350-φ 525
Number of holes		4-12	4-12	12-16
Multi-axis device type		Fixed multi-axis or adjustable multi-axis	Fixed multi-axis or adjustable multi-axis	Fixed multi-axis or adjustable multi-axis
Drill bit installation method		ER elastic clamping and Morse taper handle	ER elastic clamping and Morse taper handle	ER elastic clamping and Morse taper handle
Drill pipe speed	r/min	200-500	200-500	100-400
Drilling main motor power	KW	2.2	2.2	4.0
Tapping main motor power	KW	3.0	3.0	7.5
CNC system		Xinkerui980TDca		
Feeding method of drilling mechanism		Servo motor driven ball screw		
Feeding method of tapping mechanism		cylinder drive		
Mobile workbench feeding method		Servo motor driven ball screw		
Guide rail method		Linear Guides		
Drilling feed servo motor		10 N.M with servo reducer	10 N.M with servo reducer	10 N.M with servo reducer
Workbench servo motor		10N.M	10N.M	15N.M
Flat rotating disc guide rail		Electronic lubrication pump		
Pressing method		Hydraulic compression, frame-type compression bracket, movable compression beam		
Protection type	Unprotected			
	Semi-protective	(whether equipped with cooling system according to customer requirements)		
	Full protection type	including spiral chip conveyor, chain plate chip conveyor and trolley; (whether equipped with cooling system according to customer requirements)		

## ◆ Machine Tool Details



## ◆ Processing workpieces



## CNC machines can be customized upon request



Instrument housing CNC machine tool



Four-station groove butterfly valve CNC machine tool



Vertical CNC drilling machine



Six-station butterfly valve CNC machine tool

# Production workshop



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Because of our expertise, our quality is excellent



# Customer site







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## 河北骏能数控机械制造有限公司

Hebei Junneng CNC Machinery Manufacturing Co., Ltd

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