

Shandong Woda Heavy Machinery Co., Ltd.



China Intelligent Manufacturing Serving The World

Carry Forward The Spirit Of Craftsman
Adhere To Independent Innovation
Build High Quality Brand

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Company Profile ►

Shandong Woda Heavy Industry Machinery Co., LTD. is a company focusing on the research and development, production and service of large and medium-sized forging machine tool equipment. It is located in No. 789, Guohe Road, Tengzhou City, Shandong Province, with an annual output value of nearly 300 million yuan and a plant area of more than 40,000 square meters.

Main products are four column hydraulic press, single-column hydraulic press, CNC hydraulic press, frame type hydraulic press, the powder forming hydraulic press, hydraulic press for metal stamping tensile, FRP moulded forging hydraulic press, hydraulic press, composite materials forming hydraulic press, punch, straightening machine and all kinds of form a complete set of mold installation (blanking, drawing, moulding, forging), etc

wodda 沃达重工

- November 2011, shandong Machinery Industry civilized unit
- March 2012, bronze Prize of the 7th China (Shandong) International Equipment Manufacturing Expo
- August 2014, member unit of Shandong Machine Tool General Machinery Industry Association
- June 2015, the joint R&D Center of hydraulic forming technology was established in cooperation with Ningbo Institute of Technology of Zhejiang University
- August 2017, the European Union CE certification
- September 2017, the first national patent
- July 2018, member of China Machine Tool Industry Association
- March 2019, we reached a global partnership with Fez, an Italian servo brand
- August 2020, Zaozhuang High-end intelligent forging machine Technology Innovation Center
- November 2020, ISO9001:2015 International Quality management system certification
- December 2020, national high-tech enterprise
- February 2021, Science and technology smes in Shandong Province



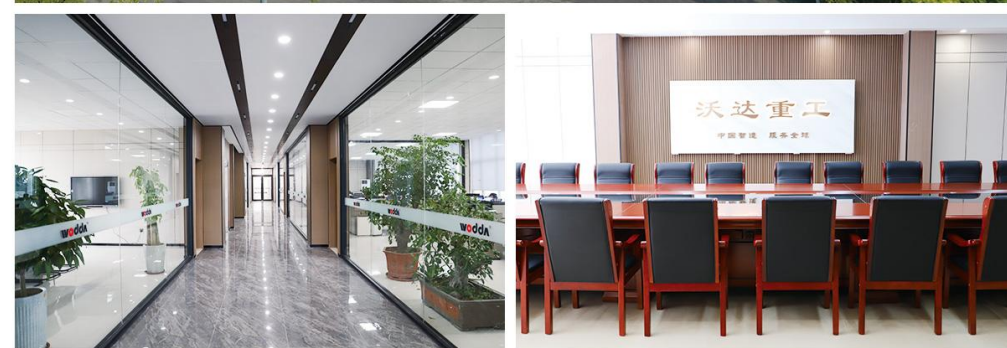
Factory Photo

Customer - Centered

one heart and one mind, mutual benefit

Adhere to technical innovation,

Provide precision advanced, reliable and safe hydraulic equipment



Honor & Qualification





Catalog

- ◆ Multifunctional hydraulic press series ————— 09
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Multifunctional hydraulic press



Project	100t-A-K	100t-B-K	150t-Z	160t-K	200t-F-K	200t-A-Z	200t-C-Z	250t-Z	315t-A	315t-B	315t-C	500t-A	630t-B	800t	1000t	1250t	1600t	2000t
Maximum liquid pressure (Mpa)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Slider stroke (mm)	500	500	400	400	500	500	500	600	500	600	800	600	900	900	900	900	900	900
Maximum opening height (mm)	800	800	700	800	900	900	900	1000	900	1000	1250	1000	1500	1500	1500	1600	1600	1600
Table size (mm)	700X620	720X580	660X560	800X800	660X660	800X800	1000X900	800X800	800X800	1000X1000	1260X1200	1500X1500	1600X1600	1500*1500	1500*1500	1700*1600	2000*1600	2000*2000
Down speed of empty range (mm/S)	80	80	150	100	100	190	190	160	80	100	100	120	120	120	120	120	120	120
Working speed (mm/S)	16-24	16-24	8-15	8-15	6-12	12-18	12-18	6-15	6-12	6-12	6-15	6-15	5-12	6-15	6-12	5-10	4-8	5-10
Return speed (mm/S)	100	100	110	75	100	160	160	90	60	60	80	80	90	90	80	70	70	85
Motor power (kw)	7.5	7.5	7.5	7.5	7.5	11	11	15	15	15	22	18.5*2	22*2	37*2	37*2	37*2	37*2	45*2
Oil pump displacement (ml/R)	40	40	40	40	40	63	63	63	63	63	80	63*2	63*2	160*2	160*2	160*2	160*2	250*2
Jacking force (t)	20	20	30	30	35	50	50	50	63	63	63	100	100	125	125	200	200	250
Ejection stroke (mm)	200	200	200	250	250	250	250	250	250	250	250	300	300	350	350	450	450	450
Approximate weight (t)	2.4	2.4	2.5	3.6	3.4	4.2	5	4.4	5.8	8	11	19	23	29	33	42.5	42.5	78





Project	100T	100t	200t	200t	200t	200t	315t	315t
Maximum liquid pressure (Mpa)	25	25	25	25	25	25	25	25
Slider stroke (mm)	500	500	500	500	500	500	800	800
Maximum opening height (mm)	800	800	900	900	900	900	1250	1250
Table size (mm)	700*620	720*580	800*800	900*700	1000*900	1000*1000	1260*1200	1260*1200
Down speed of empty range (mm / S)	80	80	100	100	100	100	100	100
Working speed (mm / S)	16-24	16-24	6-12	6-12	6-12	6-12	6-12	6-12
Return speed (mm / S)	100	100	100	100	100	100	80	80
Motor power (kw)	7.5	7.5	7.5	7.5	7.5	7.5	22	22
Hydraulic cushion force (t)	30	30	63	63	63	63	100	100
Hydraulic pad stroke (mm)	200	200	250	250	250	250	300	300
Structural form of hydraulic pad	Lower type	Lower type	Lower type	Lower type	Lower type	Lower box type	Lower box type	Upper type
Hydraulic pad size(mm)	550*500	600*450	650*650	750*550	750*750	750*750	900*900	900*900
Approximate weight (t)	3.5	3.4	5.2	5.2	6.3	6.1	12.3	12.3



Project		100t	200t	315t	400t	500t	630t	800t	1000t	1250t	1600t	2000t
Nominal force(KN)		1000	2000	3150	4000	5000	6300	8000	10000	12500	16000	20000
Return force(KN)		130	240	450	500	550	650	800	900	1000	11000	1600
Hydraulic cushion force (KN)		200	630	1600	2000	2000	3150	3150	5000	5000	6300	6300
Slider stroke(mm)		600	700	800	800	900	900	900	900	900	900	1000
Hydraulic pad stroke(mm)		200	250	300	350	350	400	400	400	400	400	400
Maximum opening height (mm)		900	1100	1250	1350	1500	1500	1500	1500	1800	1800	1800
Slider stroke(mm/s)	No load downlink	120	120	120	120	150	150	150	200	200	200	200
	work	16--24	10--20	6--15	10--19	6--15	6--14	6--14	6--12	5--10	6--12	5--10
	return trip	140	160	100	140	130	140	150	140	120	170	115
Table size(mm)	left-right	850	1000	1260	1260	1500	3000	3000	3000	3000	3000	3500
	Front-back	600	800	1200	1200	1200	1800	1800	2000	2000	2000	2400
Hydraulic pad size(mm)	left-right	600	600	800	800	1000	2200	2200	2200	2200	2200	2800
	Front-back	400	500	800	800	800	1200	1200	1200	1200	1200	1800
Motor power (kw)		7.5	15	22	30	18.5*2	22*2	37*2	37*2	37*2	45*2	45*2
Mobile table load(t)		0	0	0	0	0	20	20	20	20	20	20

project	400t	500t-A	500t-B	630t-A	630t-B	800t	1000t
Maximum working pressure of liquid MPa	25	25	25	25	25	25	25
Effective stroke of master cylinder mm	500	500	500	500	500	600	600
Maximum opening height mm	1400	1400	1400	1400	1400	1600	1600
Effective area of worktable mm * mm	1000*800	1000*900	1200*1000	1200*900	1400*1000	1400*1200	1500*1300
Idle descent speed mm / S	340	300	300	340	340	340	350
Pressing speed mm / S	16-24	16-24	16-24	16-24	16-24	16-24	10-20
Return speed mm / S	220	210	210	230	230	260	240
Motor power kw	22*2	22*2	22*2	30*2	30*2	37*2	45*2
Demoulding force t	63*2	80*2	80*2	80*2	80*2	125*2	150*2
Demoulding stroke mm	320	320	320	320	320	400	400
Weight t	10T	12T	13.5T	17T	19T	28T	33T
Pressed product specification	5kg	10kg	10kg	5kg one time two piece	5kg one time two piece	20kg	25kg



technical parameter	20TA	20TB	40TA	40TB	60TA	60TB	80TA	80TB	100TA-1	100TA-2	100TA-3
Liquid pressure (MPa)	18	18	23	23	30	30	31.5	31.5	31.5	31.5	31.5
Stroke (mm)	200	200	200	200	200	200	240	240	240	240	240
Gantry span (mm)	420	420	520	520	520	520	520	520	520	520	520
Table size (mm)	360*400	360*400	400*460	400*460	400*460	400*460	500*450	500*450	500*500	500*500	500*500
Motor power (kw)	2.2	3	3	5.5	3	5.5	5.5	5.5	5.5	5.5	7.5
Oil pump displacement (ml / R)	6	10	5	10	5	10	10	25	10	25	40
Descending speed (mm / s)	12	21	6.5	14	6	12	9	23	7.5	19	30
Return speed (mm / s)	19	32	9.5	19	8	16	13	34	10	25	41
Net weight (kg)	240	240	370	370	380	380	860	860	1200	1200	1200

technical parameter	100TB-1	100TB-2	100TB-3	150TA-1	150TA-2	150TA-3	150TB-1	150TB-2	150TB-3
Liquid pressure (MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
Stroke (mm)	240	240	240	300	300	300	300	300	300
Gantry span (mm)	720	720	720	810	810	810	1010	1010	1010
Table size (mm)	700*500	700*500	700*500	800*600	800*600	800*600	1000*600	1000*600	1000*600
Motor power (kw)	5.5	5.5	7.5	5.5	5.5	7.5	5.5	5.5	7.5
Oil pump displacement (ml / R)	10	25	40	10	25	40	10	25	40
Descending speed (mm / s)	7.5	19	30	5	12	19	5	12	19
Return speed (mm / s)	10	25	41	7.5	19	30	7.5	19	30
Net weight (kg)	1300	1300	1300	1500	1500	1500	2000	2000	2000

Project	20t		40t		63t		100t	100t Standard type	200t		315t	500
	maintenance use	Industrial use	maintenance use	Industrial use	maintenance use	Industrial use			maintenance use	Industrial use		
Liquid pressure Mpa	18	18	23	23	30	30	31.5	28	28	28	25	25
Stroke mm	360	360	360	360	360	360	360	600	360	300	600	800
Deep throat	200	200	200	200	260	260	260	350	300	325	360	500
Maximum opening height mm	500	500	550	550	600	600	600	1000	700	700	1000	1000
Effective area of worktable mm	400*500	400*500	400*500	400*500	450*600	450*600	500*700	800*650	620*600	800*650	1000*800	1000*1000
Area of upper worktable mm		3120*320		380*380		380*380		600*600	Bayonet type	600*600	800*640	8000*800
Descending speed mm / S	12	12	6.5	6.5	12	12	7.5	55	12	48	90	60
Return speed mm / S	19	19	9.5	9.5	16	16	10	48	20	38	80	68
Motor power kw	2.2	2.2	3	3	5.5	5.5	5.5	7.5	7.5	11	15	30



project	25t	40t	63t	80t	100t	125t	160t	200t	250t	315t	400t
Nominal force kn	250	400	630	800	1000	1250	1600	2000	2500	3150	4000
Slider stroke mm	150	180	200	200	200	200	260	260	260	300	300
Maximum mold height mm	250	300	400	430	460	580	500	530	560	600	630
Distance from slider center to fuselage mm	220	250	240	260	280	290	310	330	340	360	380
Table size mm	600*400	720*480	800*460	900*500	960*530	1000*560	1100*600	1200*630	1260*660	1300*700	1400*720
Bottom dimension of sliding block mm	320*240	360*260	400*300	460*330	500*360	560*400	600*430	630*460	660*480	700*500	760*520
Free range down speed M/S	250	230	250	210	210	240	240	240	240	210	240
Working speed M / S	15-35	15-35	20-38	18-30	17-25	20-30	16-24	12-20	10-20	6-15	16-24
Return speed mm / S	150	160	180	160	150	200	180	160	180	160	180
Motor power kw	4	5.5	7.5	7.5	7.5	11	11	11	18.5	18.5	18.5X2
Approximate weight (t)	1500	1800	3300	4300	5300	6500	7000	8000	11000	16500	23000

project	25t	40t	63t	100t	125t	160t	200t	250t	315t	400t
Nominal force kn	250	400	630	1000	1250	1600	2000	2500	3150	4000
Slider stroke mm	150	180	200	200	200	260	260	260	300	300
Maximum mold height mm	250.0	300.0	400.0	460.0	580.0	500.0	530.0	560.0	600.0	630.0
Distance from slider center to fuselage mm	220	250	240	280	290	310	330	340	360	380
Table size mm	600*400	720*480	800*460	960*530	1000*560	1100*600	1200*630	1260*660	1300*700	1400*720
Bottom dimension of sliding block mm	320*240	360*260	400*300	500*360	560*400	600*430	630*460	660*480	700*500	760*520
Free range down speed M/S	250.0	230.0	250.0	210.0	240.0	240.0	240.0	240.0	210.0	240.0
Working speed M / S	15-35	15-35	20-38	17-25	20-30	16-24	12-20	10-20	6-15	16-24
Return speed mm / S	150	160	180	150	200	180	160	180	160	180
Motor power kw	4	6	8	8	11	11	11	19	19	18.5X2
Approximate weight (t)	1400.0	1700.0	2100.0	3800.0	4600.0	6000.0	6500.0	9000.0	14500.0	19000.0

Type [Model]	25 T	45 T	63 T	80 T	125 T	160 T	200 T	250 T	315 T	400 T
nomal force	250kN	450kN	630kN	800kN	1250kN	1600kN	2000kN	2500kN	3150kN	4000kN
Ability occurrence point (mm)	3	4	4	5	5	6	6	8	8	10
slide stroke (mm)	80	100	120	140	160	180	200	200	200	200
max die set height (mm)	250	270	300	320	370	400	450	450	430	430
Number of stroke of slider (mm)	100	80	70	60	50	45	40	40	30	25
Mold height adjustment (mm)	50	60	80	80	100	110	110	110	120	120
throat depth (mm)	210	230	300	300	370	390	430	450	420	420
Slider surface size (mm)	250×360	340×410	400×480	420×560	520×620	580×700	650×880	700×930	650×850	650×850
bed dimension (mm)	700×400	810×440	900×580	1000×580	1120×720	1200×760	1400×840	1500×880	1400×800	1400×800
The main motor (mm)	3×4	5.5×6	5.5×6	7.5×4	11×4	15×6	18.5×6	22×6	30×6	37×6

Automatic stamping production line scheme

Material rack:

Equipment for carrying coil material and discharging coil material from outer ring to inner ring

Leveling machine:

The coiled material passes through multiple parallel rollers, and the bending stress of the coiled material is destroyed and eliminated by using the pressure of the upper and lower rollers, so as to level the material

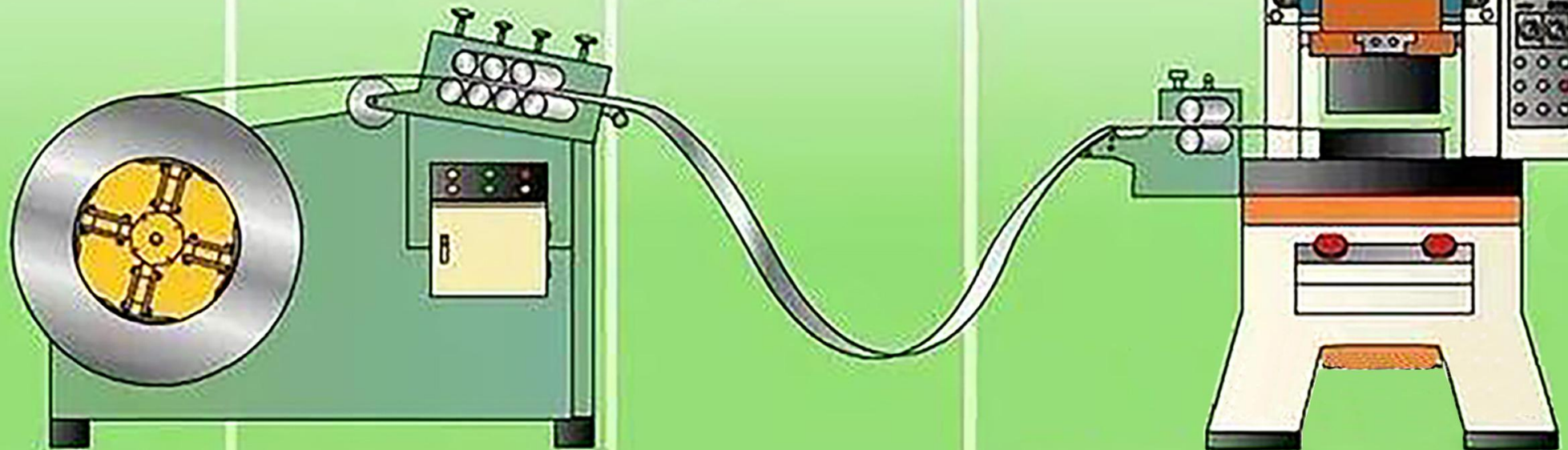
Material preparation area:

The speed of the rack leveler is inconsistent with that of the feeder, so it is necessary to reserve a material preparation area. The length of the material preparation area varies according to the thickness of the material and the length of the feeding

Feeder:

Equipment for regularly and quantitatively conveying materials to stamping dies according to the requirements of stamping dies

Stamping



Composite material BMC/ DMC molding production line



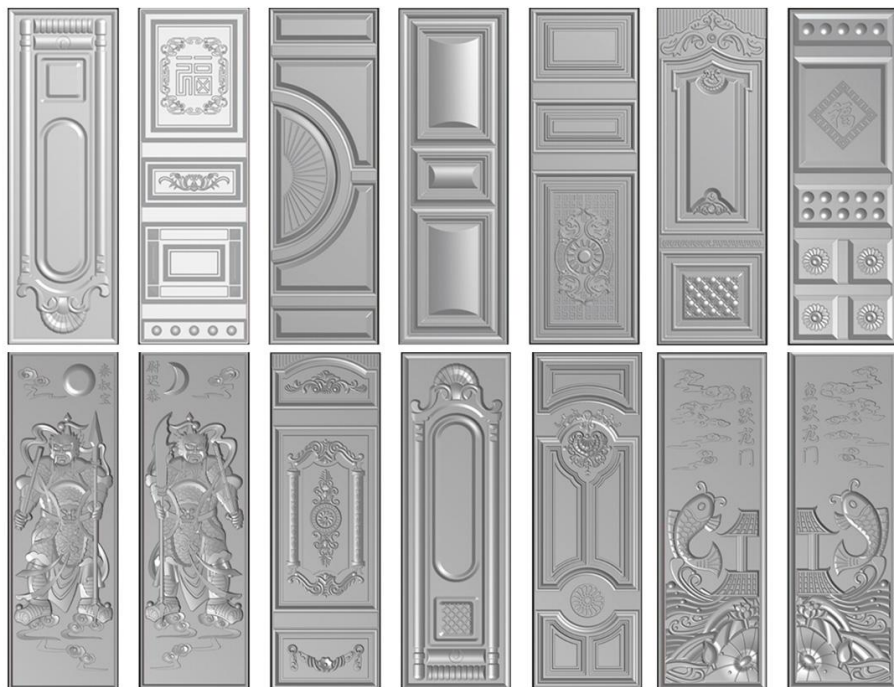
SMC/BMC Molding Products



Part of the molding products show



Part of mold display



Door embossing machine



The fourth generation



The fifth generation

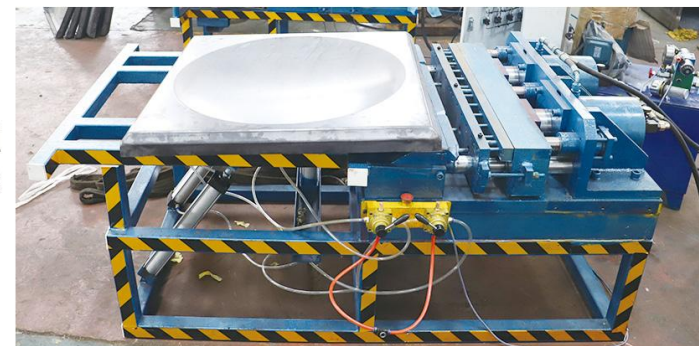
Water Tank plate production line



Mould



Angle machine

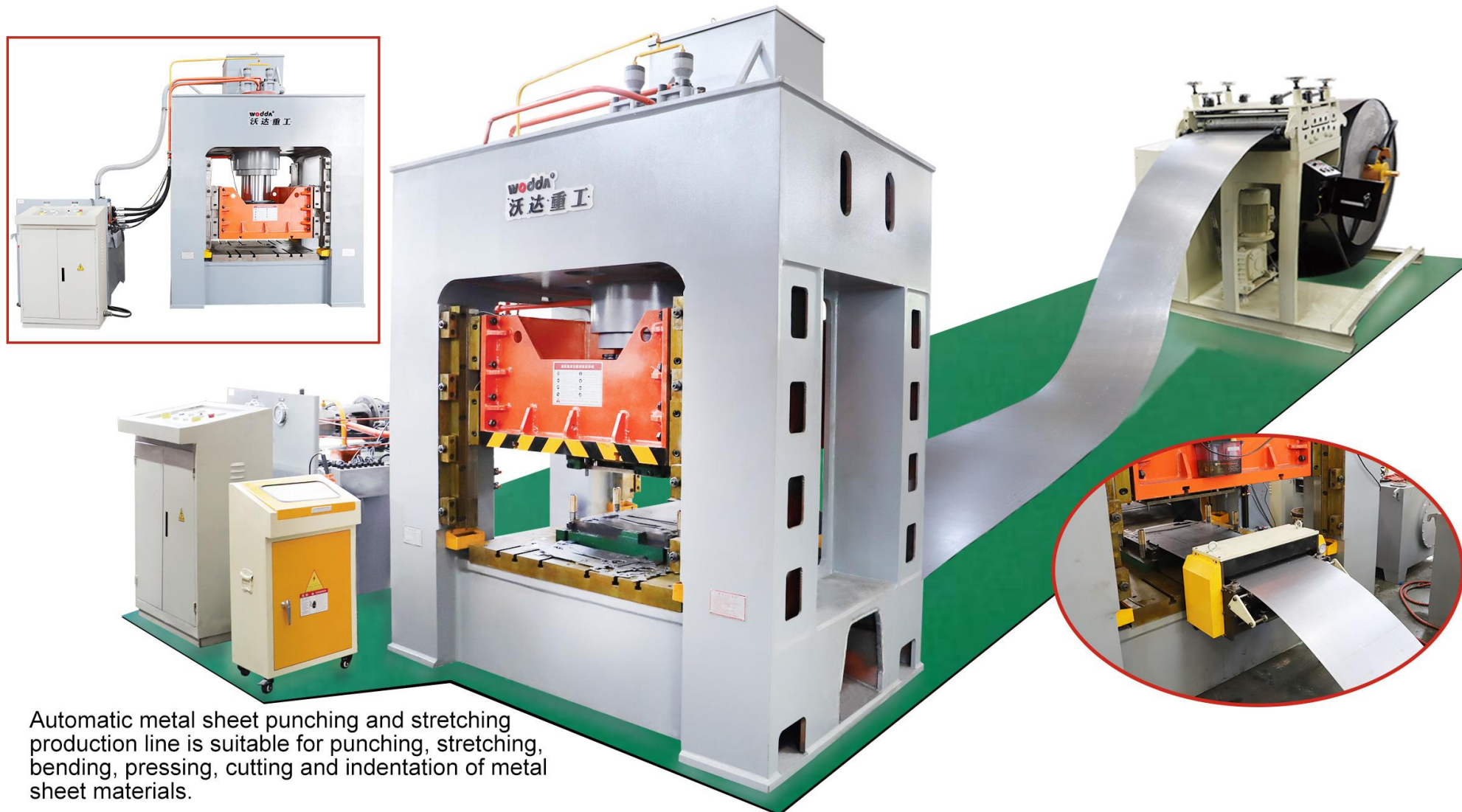


Eyelet machine

Molding product display



Automatic sheet metal stamping and drawing production line



Automatic metal sheet punching and stretching production line is suitable for punching, stretching, bending, pressing, cutting and indentation of metal sheet materials.



Cold extrusion molding hydraulic machine refers to the metal blank in normal temperature with the die through calendaring, stretching, pressing hole and other processes of the hydraulic press, especially suitable for aluminum and aluminum alloy products cold extrusion and temperature extrusion molding.





Animal nutrition brick automatic production line



Ceramic



Activated carbon filter



Dumbbell



Wood brick



Pet food



Sagger



Water purification brick



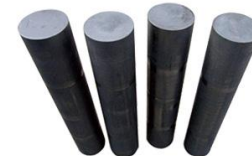
TCM block



Crucible



Graphite electrode plate



Carbon-point



Carbon seal ring



Brake pad



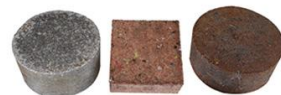
Grinding wheel



Clump weight



Paper scraps block



Copper/iron/aluminum scrap



Animal salt bricks



Heat insulation ring



Bait



Multi-station drawing machine is a combination of multiple equipment at most stations of the integrated equipment, a product to achieve the blanking, multiple stretching, cutting several actions concentrated in one device to complete. Application fields include automobile, motorcycle, hardware, stainless steel products, solar and lunar utensils, household kitchen and other industries, especially for the realization of multi-forming product line automation. (such as: filter shell, fire extinguisher, small motor shell stretching)

Optional accessories:

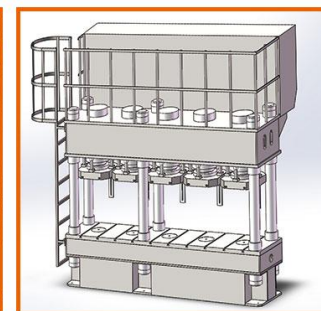
1. Safety grating device
2. Oil temperature forced cooling device
3. Playing device
4. Can be equipped with multi-station manipulator automatic line



Optional truss manipulator



Customer site

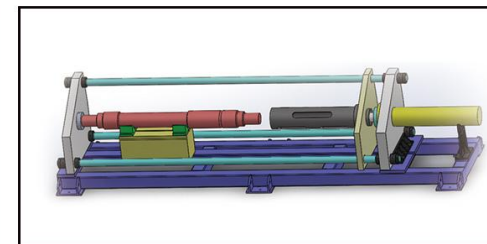


Make drawings quickly

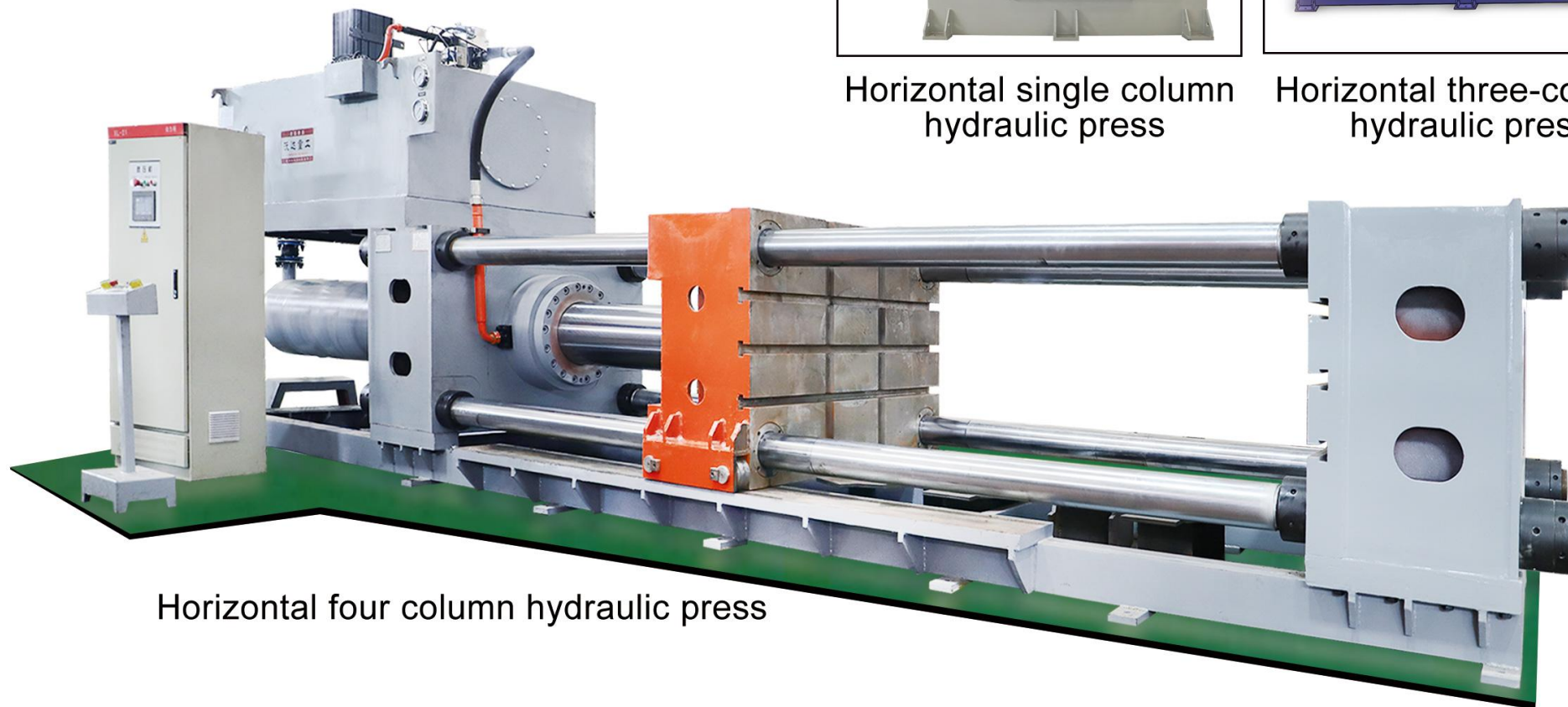
Long shaft press machine adopts horizontal hydraulic machine structure, has the characteristics of high clamping efficiency, easy maintenance and so on. It is widely used in bar extrusion, long shaft tube sleeve pressing and so on.



Horizontal single column hydraulic press



Horizontal three-column hydraulic press



Horizontal four column hydraulic press

VMC550/650/850/1050

VERTICAL MACHINING CENTER
立式加工中心



立式加工中心特点

- 优质树脂砂
- 台湾主轴
- 台湾滚珠丝杠和锁紧螺
- 台湾增压缸
- 日本NSK轴承
- 德国R+W联轴器
- 自动润滑系统
- 排屑器选配

立式加工中心用途

该机床适用于机械加工及模具制造领域的立式加工中心，能适应从粗加工到精加工的加工要求，可完成铣、钻、攻、镗等多种工序。

Vertical machining center Features

- High quality resin sand
- Taiwan spindle
- Taiwan ball screw and locking nut
- Taiwan pressure cylinder
- Japan NSK bearing
- Germany R+W coupling
- Automatic lubrication system
- Chip conveyor at optional

Vertical machining center use

This VMC is suitable for the mechanical processing and mold making. And it can adapt to the processing requirement from rough machining to finish machining. It can also finish many working procedures like milling, drilling, tapping, boring etc.

技术参数	Specifications	单位	VMC550	VMC650	VMC850	VMC1050
工作台尺寸	Table size	mm	800×350	900×400	1050×500 (1000×530)	1050×560(1000×530)
工作台最大载重	Table maximum load	kg	300	450	600	600
X、Y、Z轴坐标行程	X/Y/Z axis travel	mm	550×350×500	650×400×500	800×500×600	1000×500×600
主轴中心线到立柱正面导轨距离	Distance between spindle center and column guide surface	mm	419	476	560 (579)	560 (579)
主轴端面至工作台上平面距离	Distance between spindle end face and worktable surface	mm	100-600	100-600	140-740	140-740
X/Y/Z最大进给速度	X/Y/Z Max. feed speed	mm/min	10000	10000	10000	10000
X/Y/Z最大快移速度	X/Y/Z Max. Rapid traverse	m/min	20/20/15	24/24/20	20/20/15	20/20/15
主轴最大转速	The spindle maximum speed	r/min	8000	8000	8000	8000
主轴锥孔	The spindle taper hole	type	BT40	BT40	BT40	BT40
主轴电机	Spindle motor	kW	3.7/5.5	5.5/7.5	7.5/11	7.5/11
X/Y/Z轴伺服电机	X/Y/Z axis servo motor	kW	1.0/1.0/1.5	1.0/1.0/1.5	2.0/2.0/2.0	2.0/2.0/2.0
X/Y/Z电机连接方式	X/Y/Z motor connection		直联	直联	直联	直联
导轨形式X/Y/Z	X/Y/Z Guide way type		线轨	两线一硬 (三线)	滑轨 (线轨)	滑轨 (线轨)
工作台T型槽	The workbench T slot	mm	3-18×105	3-18×125	5-18×90	5-18×90
重复定位精度	Repeat positioning accuracy	mm	±0.004	±0.004	±0.004	±0.004
刀库形式	Tool magazine		斗笠式/圆盘式	斗笠式/圆盘式	斗笠式/圆盘式	斗笠式/圆盘式
刀库容量	Tool capacity		16斗笠/16圆盘	16斗笠/16圆盘	16斗笠/24圆盘	16斗笠/24圆盘
最大刀具重量	Maximum tool weight	kg	7	7	8	8
最大刀具长度	Max. tool length	mm	250/300	250/300	250/300	250/300
电气总容量	Electric capacity	kVA	10	10	11	11
机床尺寸 (长×宽×高)	Machine size (L×W×H)	mm	2100×1950×2200	2300×2200×2400	2700×2400×2700	2920×2400×2700
机床重量 (约)	Net. weight (about)	kg	3000	4500	5700	6000

TCK36A/TCK46A TCK50A

SLANT BED AND LINEAR GUIDE WAY CNC LATHE

斜床身线轨数控车床

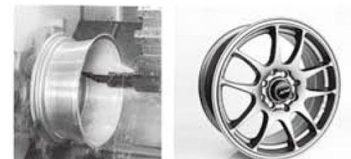


数控车床特点

- 高精度台湾直线导轨
- 高速主轴单元, 可选配自制主轴
- 高强度铸铁
- 自动集中润滑
- 整体斜床身

CNC Lathe Features

- Higher accuracy Taiwan linear guideways
- Higher speed spindle unit, Optional homemade spindle
- Higher rigidity cast iron
- Integrated automatic lubrication
- One-piece Casting slant bed CNC lathe

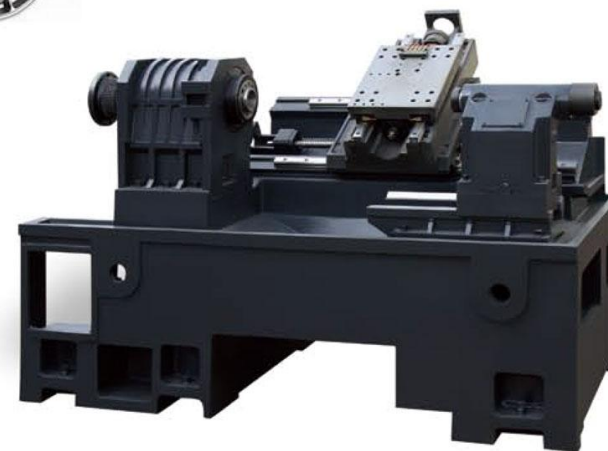


数控车床用途

该机床适用于加工各种中小型轴类、盘类零件, 可以车削各种螺纹、圆弧、圆锥及回转体的内外曲面, 广泛应用于水暖器材、阀门、电器、仪表、汽车、摩托车、轴承等行业。

CNC Lathe use

The machine is suitable to process all kinds of small and middle-sized shaft and plate work piece, and could also turn various threads, circle arc, circular cone, inside and outside surface of revolved body. This machine is widely used in sanitary, valve, electrical appliance, instrument, automobile, motorcycle, bearings and so on.



技术参数	Specifications	单位	TCK36A	TCK46A	TCK50A
床身上最大回转直径	Max.swing over bed	mm	Φ360	Φ460	Φ560
拖板上最大回转直径	Max.swing over cross slide	mm	Φ170	Φ170	Φ260
最大加工长度	Maximum processing length	mm	300	350	350/500
主轴单元	Spindle unit	mm	Φ140	Φ170	Φ200
主轴头形式 (可选卡盘)	The spindle nose (optional chuck)		A2-5	A2-5	A2-6
主轴电机功率	The spindle motor power	kW	3.7	5.5	7.5/11
主轴最高转速	Highest spindle speed	rpm	4000	3500	3000
主轴通孔直径	Spindle bore	mm	Φ48	Φ56	Φ66
拉管通孔内径	Bar Capacity	mm	Φ40	Φ45	Φ55
X/Z轴丝杠规格	The X/Z axis screw specifications		2510/3210	3210/4010	3210/4010
X轴极限行程	The X-axis limit stroke	mm	310	240	240
Z轴极限行程	The Z axis stroke limit	mm	350	400	400/540
X轴电机扭矩	The X axis motor torque	N.m	6	7.5	7.5/10
Z轴电机扭矩	The Z axis motor torque	N.m	6	7.5	7.5/10
重复定位精度	X/Z axis repeatability	mm	±0.003	±0.003	±0.003
可选装刀塔 (特殊配置)	Tool Turret (Optional)		63-8T/12T	80-8T/12T	100-8T/12T
刀塔中心高尺寸	Turret center high dimensions	mm	63	80	100
液压尾座套筒直径	Hydraulic Quill dia.	mm	Φ65	70	70
液压尾座套筒行程	Hydraulic Quill traverse	mm	50	80	80
液压尾座套筒锥孔	Hydraulic Quill taper		莫氏4#	莫氏5#	莫氏5#
液压尾座最大行程	Hydraulic talstock travel	mm	220	200	200/450
外形尺寸	Machine dimension(L×W×H)	mm	2100×1450×1700	2500×1700×1890	2500×1700×1890/2600×1850×2000
机床重量(约)	Net. weight (about)	kg	2100	2600	2800/3000

VMC960/1160/1170/1370 VMC1580

VERTICAL MACHINING CENTER
立式加工中心



立式加工中心特点

- 优质树脂砂
- 台湾主轴
- 台湾滚珠丝杠和锁紧螺
- 台湾增压缸
- 日本NSK轴承
- 德国R+W联轴器
- 自动润滑系统
- 排屑器选配

立式加工中心用途

该机床适用于机械加工及模具制造领域的立式加工中心，能适应从粗加工到精加工的加工要求，可完成铣、钻、攻、镗等多种工序。

Vertical machining center Features

- High quality resin sand
- Taiwan spindle
- Taiwan ball screw and locking nut
- Taiwan pressure cylinder
- Japan NSK bearing
- Germany R+W coupling
- Automatic lubrication system
- Chip conveyor at optional

Vertical machining center use

This VMC is suitable for the mechanical processing and mold making. And it can adapt to the processing requirement from rough machining to finish machining. It can also finish many working procedures like milling, drilling, tapping, boring etc.

技术参数	Specifications	单位	VMC960	VMC1160	VMC1170	VMC1370	VMC1580
工作台尺寸	Table size	mm	1000×600	1200×600	1300×700	1500×700	1700×800
工作台最大载重	Table maximum load	kg	700	800	900	1000	1500
X、Y、Z轴坐标行程	X/Y/Z axis travel	mm	900×600×600	1100×600×600	1100×700×700	1300×700×700	1500×800×700
主轴中心线到立柱正面导轨距离	Distance between spindle center and column guide surface	mm	675	650	762	762	900
主轴端面至工作台上平面距离	Distance between spindle end face and worktable surface	mm	100-700	120-720	150-850	150-850	180-880
X/Y/Z最大进给速度	X/Y/Z Max. feed speed	mm/min	10000	10000	10000	10000	10000
X/Y/Z最大快移速度	X/Y/Z Max. Rapid traverse	m/min	48/48/24	36/36/24	36/36/24	36/36/20	20/20/20
主轴最大转速	The spindle maximum speed	r/min	10000	10000	8000	8000	6000
主轴锥孔	The spindle taper hole	type	BT40	BT40	BT40	BT40	BT50
主轴电机	Spindle motor	kW	11	11	11	11	11/15
X/Y/Z轴伺服电机	X/Y/Z axis servo motor	kW	3/3/3	3/3/4.5	3/3/4.5	3/3/4.5	4.5/4.5/4.5
X/Y/Z电机连接方式	X/Y/Z motor connection		直联	直联	直联	直联	直联
导轨形式X/Y/Z	X/Y/Z Guide way type		两线一硬	两线一硬	两线一硬	两线一硬	两线一硬
工作台T型槽	The workbench T slot	mm	5-18×125	5-18×125	5-18×125	5-18×125	5-18×150
重复定位精度	Repeat positioning accuracy	mm	±0.005	±0.005	±0.005	±0.005	±0.004
刀库形式	Tool magazine		斗笠式/圆盘	圆盘	圆盘	圆盘	圆盘
刀库容量	Tool capacity		16/24T	24T	24T	24T	24T
最大刀具重量	Maximum tool weight	kg	8	8	8	8	15
最大刀具长度	Max. tool length	mm	250/300	300	300	300	300
电气总容量	Electric capacity	kVA	10	18	20	22	30
机床尺寸(长×宽×高)	Machine size (L×W×H)	mm	2600×2150×2350	2855×2150×2350	2945×2150×2350	3600×3000×2700	4260×3545×3200
机床重量(约)	Net weight (about)	kg	5700	7000	10000	11000	12000

CK6130/CK6140

HARD GUIDE WAY CNC LATHE

硬轨数控车床



数控车床特点

- 四工位电动刀架
- 变频无级调速
- 标准配置：手动卡盘
- 选择配置：弹簧夹头、液压卡盘、自动送料装置、排刀

CNC Lathe Features

- Four position electric turret
- Frequency conversion stepless speed regulation
- Standard configuration: manual chuck
- Optional configuration: spring collet, hydraulic chuck, automatic feeding device, gang type tools



数控车床用途

该机床适用于电器、仪器仪表工业、汽车、摩托车配件、紧固件轴承、照相器材、电影机械、五金各种钟表、眼镜、文教用品、电机、阀门、煤气管件及其他高精度复杂零件的加工制造，是五金机械加工行业最理想的高效设备。

CNC Lathe use

This machine is widely used in processing and manufacturing the electrical appliance, instrumentation industry, automobile, motorcycle, fastener bearings, photographic and film machinery, hardware tools, watches, glasses, stationery, motors, valves and gas pipe and other high precise and complex components. It is the ideal high efficient equipment in the hardware machining industry.



技术参数	Specifications	单位	CK6130	CK6140
床身上最大回转直径	Max. swing over bed	mm	Φ300	Φ400
拖板上最大回转直径	Max. swing over cross slide	mm	Φ100	Φ240
最大加工长度	Max. processing length	mm	卡盘200/夹头320	卡盘420/680
最大行程X/Z	X/Z axis travel	mm	300/350	X:280 Z:550/750
主轴端部形式	Spindle nose		A2-5	A2-6 / (A2-8可选)
主轴通孔直径	Spindle bore	mm	Φ48	Φ48/Φ82
主轴拉管内径	Bar capacity	mm	Φ40	Φ40/Φ65
主轴最高转速	Max. spindle speed	rpm	2500	150-2000/150-1800
卡盘尺寸	Chuck size	mm	160	200/250
主轴电机功率	Spindle motor	kW	4	5.5/7.5 (可选)
重复定位精度(X/Z)	X/Z axis repeatability	mm	±0.005	±0.005
进给电机扭矩X/Z	X/Z axis feed motor torque	N.m	X:4 Z:4	X:4 Z:6
X/Z快移速度	X/Z Rapid traverse	m/min	X:6 Z:8	X:6 Z:8
尾座套筒直径	Tailstock quill dia.	mm	Φ52	Φ60
尾座套筒行程	Quill traverse	mm	90	100
尾座套筒锥度	Quill taper	#	MT4	MT4
刀架形式	Turret type		4工位电动刀架	4工位电动刀架
刀具外形尺寸	Cutting tool size	mm	20x20	20x20
导轨形式	Guide way type		双山	双山
总电源容量(连续)	Total power capacity	KVA	7	11
外形尺寸	Machine dimension (L×W×H)	mm	1600×1100×1650	2200×1160×1620
机床重量(约)	Net. weight (about)	kg	950	1800

CK6140D/CK6150D

HARD GUIDE WAY CNC LATHE

硬轨数控车床



数控车床特点

- 加宽高稳定性床身
- 主轴两档变速，档内无极变频调速
- 加宽拖板
- 自动集中润滑

CNC Lathe Features

- Widening high stability bed 2-gear spindle speed,
- step-less in gear
- Wider layer board
- Integrated automatic lubrication system

数控车床用途

该机床通过数控系统自动控制，进行各种不同的内孔，外圆，圆锥面，圆弧面，以及螺纹的车削，特别适用中小批量的轴类，盘类零件的粗精加工，具有自动化程度高，编程简单，精度高等优点。

CNC Lathe use

The machine through the numerical control system, this machine could process different inner bore, ex-circle, circular conical surface and screw thread, especially suitable for the small and middle-sized shaft and plate work piece from rough processing to finish processing in batch. It has advantages like higher automaticity, simpler programming and higher accuracy.

技术参数	Specifications	单位	CK6140D×1500	CK6150D×1500
床身上最大回转直径	Max. swing over bed	mm	Φ400	Φ500
拖板上最大回转直径	Max. swing over cross slide	mm	Φ180	Φ280
最大加工长度	Max. processing length	mm	850/1350	850/1350
最大行程X/Z	X/Z axis travel	mm	X:240 Z:1000/1500	X:300 Z:1000/1500
主传动形式	Spindle transmission type		机械二档变速	机械二档变速
主轴转速级数	Spindle speed steep		档内变频无极	档内变频无极
主轴转速范围	Spindle speed	rpm	L:70~700,H:160~1600	L:70~700,H:160~1600
主轴端部形式	Spindle nose		A ₇ -6	A ₇ -6
主轴通孔直径	Spindle bore	mm	52	52
主轴孔前端锥度	Spindle taper		MT6	MT6
主轴电机功率	Spindle motor	kW	5.5	7.5
卡盘尺寸	Chuck size	mm	200	250
滚珠丝杠规格	Ball screw dia. and pitch		2506/4008(5010)	2506/4008(5010)
进给电机扭矩X/Z	X/Z axis feed motor torque	N.m	5/7.5(10)	5/7.5(10)
快移速度X/Z	X/Z Rapid traverse	m/min	X:6 Z:8	X:6 Z:8
重复定位精度(X/Z)	X/Z axis repeatability	mm	±0.005	±0.005
工件加工精度	Processing accuracy		IT6-IT7	IT6-IT7
工件表面粗糙度	Workpiece surface roughness		Ra1.6	Ra1.6
尾座套筒直径	Tailstock sleeve dia.	mm	65	75
尾座套筒行程	Quill traverse	mm	140	140
尾座套筒锥度	Quill taper	#	MT4	MT5
刀架形式	Turret type		电动四工位	电动四工位
刀具外形尺寸	Cutting tool size	mm	20×20	25×25
导轨形式	Guide way type		单山+平轨	单山+平轨
总电源容量	Total power capacity	kVA	10	12
外形尺寸	Machine dimension (L×W×H)	mm	2600/3100×1500×1650	2600/3100×1560×1710
机床重量(约)	Net. weight (about)	kg	1800/2000	2000/2200

CK6150/CK6160

ONE-PIECE CASTING AND HARD GUIDE WAY CNC LATHE

整体床身硬轨数控车床



数控车床特点

- 底座强度高，加宽拖板，适宜强力车削
- 四工位电动刀架
- 变频无级调速
- 标准配置：手动卡盘
- 选择配置：液压卡盘



数控车床用途

机床能自动完成内外圆柱面、锥面、圆弧面、端面等的加工，也能实现公、英及各种其它形式的单、多头螺纹的车削加工。

CNC Lathe use

Machine can automatically process the inside and outside cylinder surface, cone surface, circular arc surface, end face, such as processing, and also can process the single and multiple threads in metric, inch and other standards.

CNC Lathe Features

- A high strength, widening the carriage, suitable for heavy cutting
- Four position electric turret
- Frequency conversion stepless speed regulation
- Standard configuration: manual chuck
- Optional configuration : hydraulic chuck

技术参数	Specifications	单位	CK6150×2000	CK6160×2000
床身上最大回转直径	Max. swing over bed	mm	Φ500	Φ600
拖板上最大回转直径	Max. swing over cross slide	mm	Φ250	Φ395
最大加工长度	Max. processing length	mm	850/1350/1850	850/1350/1850
最大行程X/Z	X/Z axis travel	mm	X:280 Z:1000/1500/2000	X:300 Z:1000/1500/2000
主轴端部形式	Spindle nose		A2-8	A2-8/11
主轴通孔直径	Spindle bore	mm	Φ82	Φ82/Φ130(可选)
主轴拉管内径	Bar capacity	mm	Φ65	Φ65/Φ118
主轴最高转速	Maximum spindle speed	rpm	1800	1600/800
卡盘尺寸	Chuck size	mm	250	250/380
主轴电机功率	Spindle motor	kW	7.5	7.5/11(可选)
重复定位精度(X/Z)	X/Z axis repeatability	mm	±0.005	±0.005
进给电机扭矩X/Z	X/Z axis feed motor torque	N.m	5/7.5(1m)7.5/10(1.5m)7.5/15(2m)	5/7.5(1m)7.5/10(1.5m)7.5/15(2m)
X/Z快移速度	X/Z Rapid traverse	m/min	6/8	6/8
尾座套筒直径	Tailstock quill dia.	mm	Φ75	Φ75
尾座套筒行程	Quill traverse	mm	150	150
尾座套筒锥度	Quill taper	#	MT5	MT5
刀架形式	Turret type		4工位电动刀架	4工位电动刀架
刀具外形尺寸	Cutting tool size	mm	25×25	25×25
导轨形式	Guide way type		平轨	平轨
总电源容量(连续)	Total power capacity	kVA	13	15
外形尺寸	Machine dimension (L×W×H)	mm	2650/3250/3750×1700×1820	2650/3250/3750×1700×1820
机床重量(约)	Net. weight (about)	kg	2580/2860/3150	2650/2930/3200

H32i/H36/H46

FLAT BED AND LINEAR GUIDE WAY CNC LATHE

平床身线轨数控车床



数控车床用途

该机床适用于加工各种中小型轴类、盘类零件，可以车削各种螺纹、圆弧、圆锥及回转体的内外曲面，广泛应用于水暖器材、阀门、电器、仪表、汽车、摩托车、轴承等行业。

CNC Lathe use

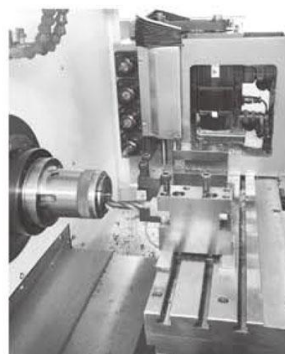
The machine is suitable to process all kinds of small and middle-sized shaft and plate work piece, and could also turn various threads, circle arc, circular cone, inside and outside surface of revolved body. This machine is widely used in sanitary, valve, electrical appliance, instrument, automobile, motorcycle, bearings and so on.

数控车床特点

- 高精度台湾直线导轨
- 高速主轴单元，可选配自制主轴
- 高强度铸铁
- 自动集中润滑

CNC Lathe Features

- Higher accuracy Taiwan linear guideways
- Higher speed spindle unit, Optional homemade spindle
- Higher rigidity cast iron
- Integrated automatic lubrication



技术参数	Specifications	单位	H32i	H36	H46
床身上最大回转直径	Max. swing over bed	mm	Φ320	Φ360	Φ460
拖板上最大回转直径	Swing over cross slide	mm	Φ70	Φ110	Φ150
最大加工长度	Max. processing length	mm	280	250(夹头)/180(卡盘)	330
最大行程X/Z	X/Z axis travel	mm	280/330	320/250	360/330
主轴端部形式	Spindle nose		A2-5	A2-5	A2-5
主轴通孔直径	Spindle bore	mm	Φ48	Φ48	Φ48/Φ56
拉管通孔内径	Bar Capacity	mm	Φ40	Φ40	Φ40/Φ45
主轴最高转速	Max. spindle speed	rpm	4000	2500/4000	4000/3500
卡盘尺寸	Chuck size	in	6	6	6/8
主轴电机功率	Spindle motor	kW	3.7	4	5.5
重复定位精度(X/Z)	X/Z axis repeatability	mm	±0.003	±0.003	±0.003
进给电机扭矩X/Z	X/Z axis feed motor torque	N.m	X:4 Z:4	X:4 Z:4	X:6 Z:6
X/Z快速移动速度	X/Z Rapid traverse	m/min	20/20	15/15	15/15
刀架形式	Turret type		排刀4把	排刀4把	排刀4把
刀具外形尺寸	Cutting tool size	mm	20×20	20×20	25×25
导轨形式	Guide way type		直线导轨	直线导轨	直线导轨
总电源容量(连续)	Total power capacity	kVA	7	8	9.5
外形尺寸	Machine dimension (L×W×H)	mm	1580×1250×1680	2000×1400×1580	2200×1580×1815
机床重量(约)	Net. weight (about)	kg	1200	1500	2200

Recruitment Agents

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