



# 浙江震环数控机床有限公司

ZHEJIANG ZHENHUAN CNC MACHINE TOOL CO.,LTD

ADD: ELECTRICAL & MECHANICAL INDUSTRIAL ZONE, YUHUAN, ZHEJIANG, CHINA

Mobile: +86-15257674490

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Email: [sales001@zmat.cn](mailto:sales001@zmat.cn)



Technical Parameter	ZKV400 CNC Vertical Lathe	ZKV600 CNC Vertical Lathe
Max.machining diameter	φ450mm	φ600mm
Chuck diameter	12" (φ305mm)	15"/18"(option)
Max.swing diameter	φ550mm	φ750mm
Spindle end type	A2-8	A2-11
Spindle speed	50-2500r/min	50-2000r/min
Motor power	15KW /18KW (option)	22KW
Rapid travel speed of X,Z axis	15m/min,18m/min	12m/min,16m/min
Max.stroke of X axis	(+300mm-50mm)	(+430mm-50mm)
Max.stroke of Z axis	450mm	600mm
Turret	8-position hydraulic turret	8-position hydraulic turret
Machining accuracy	It6	It6
Workpiece surface roughness	Ra1.25μm	Ra1.25μm
Overall dimension (LXWXH)	1850x1700x2650mm	2500x2000x3300mm
Weight(about)	6300kg	11500kg



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Technical Parameter	VMC500
Work table size	620X400mm
Max. Loading capacity of wrok table	250kg
X-axis travel	500mm
Y-axis travel	400mm
Z-axis travel	450mm
Distance from spindle nose to work table	90-540mm
Guide way type	Linear guide way
Rapid traverse rate of X, Y, Z axes	20000mm/min
Spindle speed	50-8000r/min
Taper hole of Spindle	BT40
Spindle drive motor	5.5KW servo motor
Tool storage capacity	16 with Carousel style / 16 with disc style (Option)
Max. tool weight	7kg
Tools changing time	≤8 with carousel type magazine (≤3 with disc-style magazine)(option)
T-slot of work table	(3 slots) 18X110
Overall dimension (L X W X H)	2300X2100X2400mm
Mass of Machine (about)	2700kg



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Technical Parameter	VMC600
Table size	800X400mm
Max. Loading capacity of table	500kg
X,Y,Z-axis stroke	600mm,400mm,500mm
Distance from spindle nose to table	100-600mm
Distance between spindle center and column surface	400mm
Guide way type	Sliding guide way
Rapid travel speed of X, Y, Z axis	12000mm/min
Spindle rotation speed range	50-8000r/min
Spindle taper hole	No.40(7/24)
Spindle power	5.5KW servo motor
Tool store capacity	16 with Carousel style / 16 with disc style (Option)
Tool Handle	BT40
Max. tool weight	7kg
Tools change time	≤8 with cloak-style (≤3 with disc-style)
T-slot	(3 slots) 18X100
Air source pressure	0.5-0.8MPa
Overall dimension (L X W X H)	2300X2100X2500mm
Machine weight (about)	3100kg



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CKQ50 Spherical cnc lathe

Technical Parameter	CKQ50
Standard machining spherical outside diameter	φ50mm
X-axis max.feeding speed	9000mm/min
Z-axis max.feeding speed	9000mm/min
X-axis max. stroke	200mm
Z-axis max. stroke	150mm
Type of spindle	A2-5 spindle unit
Spindle travel speed range	4000r/min
Clamping Way	Hydraulic spring collet
Type of turret	Special double turret and hydraulic hob
Spindle motor Power	4.0KW Variable frequency motor
Overall dimension (LXWXH)	1900X1210X1600mm
Weight(about)	1900kg





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CNC6136	Technical Parameter
Max. swing diam. over bed	φ360mm
Max.machining diam	φ300mm
X-axis max. feeding speed	7000mm/min 10000mm/min(optional)
Z-axis max. feeding speed	10000mm/min 15000mm/min(optional)
X-axis max. stroke	180mm
Z-axis max. stroke	360mm(hydraulic chuck) 320mm(center)
Spindle diam. of through-hole	φ52mm
Draw pipe diam. of through-hole	φ43mm
Cone of spindle inner hole	A2-5 / imported Spindle Unit(optional)
Spindle travel speed range	300-3000r/min or 300-5000r/min spindle unit(optional)
Chuck	φ210 hydraulic chuck
Cone of tailstock sleeve	MT4(hydraulic tailstock)
Spindle max. stroke of tailstock	80mm
Type of turret	Taiwan 10-position hydraulic turret
Main motor power	5.5KW
Overall dimensions	2140×1530×1780mm
weight about	2200kg



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CNC6132	Technical Parameter
Max. swing diam. over bed	φ400mm
Max. swing diam. over carriage	φ180mm
Max. machining length	400mm
X-axis max. feeding speed	9000mm/min
Z-axis max. feeding speed	12000mm/min
Spindle diam. of through-hole	φ49/φ55/φ75mm(option)
Taper of spindle inner hole	MT6 / metric system 88 1:20 (option)
Spindle rotate speed range	250-2000r/min or 250-1600r/min (optional)
Chuck	8" hydraulic chuck/10" hydraulic chuck(option)
Tailstock	MT4 hydraulic tailstock
Tool type	10-position hydraulic turret
Main motor power	5.5KW
Overall dimensions	2600X1850X1650mm
weight about	2200kg



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CNC6830	Technical Parameter
Max. swing diam.	300mm
Max.machining diam.	250mm
Standard machining diameter	180mm
Max.workpiece length	300mm
X-axis max. stroke	150mm
Z-axis max. stroke	300mm
Spindle diam. of through-hole	φ48mm / 62mm(option)
Draw pipe diam. of through-hole	φ40mm / 52mm(option)
Rapid travel speed of X, Z axis	12000mm/min,15000mm/min / 15000mm/min,20000mm/min(option)
Spindle travel speed range	3000r/min /5000r/min (option)
Chuck	6" hydraulic chuck/8" hydraulic chuck(option)
Type of turret	Servo turret 8 station
Main motor power	4.0KW/5.5KW (option)
Tailstock stroke	80mm
Tailstock sleeve taper	MT4 hydraulic tailstock
Overall dimensions (LXWXH)	2130X1450X1600mm
weight (about)	2200kg



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**CNC2525 60° overweight load linear guide way slant bed cnc**

**It's suitable for high precision heavy cutting of bearing rings, disc type and short shaft products.**

Technical Parameter	CNC2525
Max. swing diam. over bed	φ450mm
Max. swing diam. over carriage	φ140mm
Max. machining length	250mm
X-axis max. feeding speed	12000mm/min
Z-axis max. feeding speed	12000mm/min
Spindle diam. of through-hole	φ55/φ75mm(option)
Taper of spindle inner hole	MT6
Spindle rotate speed range	250-1600r/min
Chuck	8" hydraulic chuck/10" hydraulic chuck(option)
Tailstock	No
Tool type	Row tool holder / 4-position electric turret (Option)
Main motor power	7.5KW
Overall dimensions	2350X1650X1780mm
weight about	2800kg





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CNC1625	Technical Parameter
Max. swing diam. over bed	φ400mm
Max. swing diam. over carriage	φ140mm
Max. machining length	250mm
X-axis max. feeding speed	12000mm/min
Z-axis max. feeding speed	12000mm/min
Spindle diam. of through-hole	φ48/φ55mm(option)
Taper of spindle inner hole	42°/MT6(option)
Spindle rotate speed range	250-3000r/min/250-1600r/min(Options)
Chuck	6" hydraulic chuck / 8" hydraulic chuck(option)
Tailstock	No
Tool type	Row tool holder / 4-position electric turret (Option)
Main motor power	5.5KW
Overall dimensions	2100X1600X1750mm
weight about	2500kg



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CXK6830	Technical Parameter
Max. swing diam.	300mm
Max.machining diam.	250mm
Standard machining diameter	160mm
Max.workpiece length	300mm
X-axis max. stroke	150mm
Z-axis max. stroke	300mm
Spindle diam. of through-hole	φ48mm/62mm(option)
Draw pipe diam. of through-hole	φ40mm/52mm(option)
Rapid travel speed of X, Z axis	12000mm/min,15000mm/min / 15000mm/min,20000mm/min(option)
Spindle travel speed range	3000r/min /5000r/min (option)
Chuck	φ160 three-jaw chuck/φ200 three-jaw chuck(option)
Type of turret	4-position electric turret
Main motor power	4.0KW/5.5KW (option)
Tailstock stroke	80mm
Tailstock sleeve taper	MT4
Overall dimensions (LXWXH)	2130X1450X1600mm
weight (about)	2200kg



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CXK6132	Technical Parameter
Max. swing diam. over bed	φ400mm
Max. swing diam. over carriage	φ180mm
Max. machining length	400mm
X-axis max. feeding speed	9000mm/min servo
Z-axis max. feeding speed	12000mm/min servo
Spindle diam. of through-hole	φ49/φ55/φ75mm(option)
Taper of spindle inner hole	MT6/metric system 88 1:20 (option)
Spindle travel speed range	250-2000r/min/250-1600r/min(Options)
Chuck	φ200 normal chuck/φ250 normal chuck (Option)
Clamping way	Spring collet(Option)
Tailstock	MT4
Tool type	4-position electric turret
Main motor power	5.5KW
Overall dimensions	2600X1850X1650mm
weight	About 2200kg



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Technical Parameter	CXK6140	CXK6150
Max. swing diam.	450mm	500mm
Standard machining diameter	250mm	250mm
Max.workpiece length	750mm(between two centers) 600mm(chuck)	750mm(between two centers) 600mm(chuck)
X-axis max. stroke	300mm	300mm
Z-axis max. stroke	750mm(between two centers) 600mm(chuck)	750mm(between two centers) 600mm(chuck)
Spindle diam. of through-hole	φ55mm	φ81mm
Chuck	φ250	φ320 /φ400 (option)
Rapid travel speed of X, Z axis	9000mm/min, 12000mm/min	9000mm/min, 12000mm/min
Spindle travel speed range	200-1600r/min	200-1600r/min
Ways of clamping	chuck	Chuck
Type of turret	4-position electric turret & row tool post	4-position electric turret
Main motor power	7.5KW / 11.0KW (option)	11.0KW
Tailstock stroke	100mm	100mm
Tailstock sleeve taper	MT5	MT5
Overall dimensions (LXWXH)	2500X1450X1650mm	2500X1450X1650mm
weight (about)	3100kg	3300kg





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CXK6128	Technical Parameter
Max. swing diam.	300mm
Max.machining diam.	200mm
Standard machining diameter	160mm
Max.workpiece length	280mm(chuck) 350mm(collet)
X-axis max. stroke	300mm
Z-axis max. stroke	280mm(chuck) 350mm(collet)
Spindle diam. of through-hole	φ48mm
Draw pipe diam. of through-hole	φ40mm
Chuck	φ160
Rapid travel speed of X, Z axis	8000mm/min,12000m/min
Spindle travel speed range	3000r/min /5000r/min (option)
Ways of clamping	chuck/pneumatic collet chuck
Type of turret	4-position electric turret & row tool post
Main motor power	3.0KW / 4.0KW (option)
Tailstock stroke	100mm
Tailstock sleeve taper	MT3 / MT4 (option)
Overall dimensions (LXWXH)	1950X1250X1600mm
weight (about)	1500kg



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<b>CXK6130</b>	<b>Technical Parameter</b>
Max. swing diam. over bed	φ350mm
Max. swing diam. over carriage	φ150mm
Max. machining length	300mm(chuck) 400mm(collet)
X-axis max. feeding speed	8000mm/min servo
Z-axis max. feeding speed	12000mm/min servo
Spindle diam. of through-hole	φ48mm/φ55mm(option)
Taper of spindle inner hole	42°/MT6(option)
Spindle travel speed range	250-3000r/min/250-1600r/min(Options)
Chuck	φ160 chuck / φ200 chuck (Option)
Clamping way	Pneumatic spring collet(Option)
Taper of tailstock sleeve	MT4
Type of turret	4-position electric turret and row tool holder
Main motor power	3.0KW / 4.0KW(Option)
Overall dimensions	2050X1300X1600mm
weight	About 2000kg



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Technical Parameter	CK6140-D	CK6150-D
Max. swing diam.	500mm	600mm
Standard machining diameter	250mm	320mm
Max.workpiece length	500mm	500mm
X-axis max. stroke	260mm	260mm
Z-axis max. stroke	500mm(chuck)	500mm(chuck)
Spindle diam. of through-hole	φ55mm	φ81mm
Chuck	φ250mm	φ320mm
Rapid travel speed of X, Z axis	12000mm/min,9000mm/min	12000mm/min,9000mm/min
Spindle travel speed range	1600r/min	1600r/min
Type of turret	4-position electric turret / row tool post (option)	4-position electric turret / row tool post(option)
Main motor power	5.5KW/7.5KW(option)	7.5KW / 11.0KW (option)
Tailstock	NO	No
Overall dimensions (LXWXH)	2650X1360X1800mm	2650X1360X1800mm
weight (about)	2300kg	2400kg



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CK300-W	Technical Parameter
Max. swing diam.	300mm
Max.machining diam.	160mm
Standard machining diameter	75mm
Max.workpiece length	180mm
X-axis max. stroke	300mm
Z-axis max. stroke	200mm() 180mm(hydraulic chuck)
Spindle diam. of through-hole	φ48mm
Draw pipe diam. of through-hole	φ40mm
Rapid travel speed of X, Z axis	15000mm/min,15000mm/min / 25000mm/min(option)
Spindle travel speed range	3000r/min /5000r/min (option)
Ways of clamping	Pneumatic clamping/Manual clamping(option)
Type of turret	Electric turret/Row tool post(option)
Main motor power	3.0KW / 4.0KW (option)
Tailstock stroke	80mm
Tailstock sleeve taper	MT4 pneumatic tailstock
Overall dimensions (LXWXH)	1800X1580X1600mm
weight (about)	1500kg





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CNC300	Technical Parameter
Max. swing diam.	300mm
Max.machining diam.	160mm
Standard machining diameter	75mm
Max.workpiece length	240mm(collet) 200mm(hydraulic chuck)
X-axis max. stroke	280mm
Z-axis max. stroke	240mm(collet) 200mm(hydraulic chuck)
Spindle diam. of through-hole	φ48mm / spindle unit(option)
Draw pipe diam. of through-hole	φ40mm / spindle unit(option)
Rapid travel speed of X, Z axis	25000mm/min, 25000mm/min
Spindle travel speed range	200-3000r/min / 200-5000r/min (option)
Ways of clamping	Pneumatic clamping / chuck/hydraulic chuck(option)
Type of turret	Row tool post/4-position electric turret (option)
Main motor power	3.0KW / 4.0KW (option)
Tailstock	No
Overall dimensions (LXWXH)	1750X1320X1500mm
weight (about)	1500kg



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Technical Parameter	CXK25 hard track slant bed CNC	CXK30 45°hard track slant bed CNC
Max. swing diam. over bed	φ250mm	φ300mm
Max.swing diam. over carriage	φ80mm	φ90mm
X-axis max. feeding speed	8000mm/min	8000mm/min
Z-axis max. feeding speed	9000mm/min	12000mm/min
X-axis max. stroke	300mm	300mm
Z-axis max. stroke	200mm	250mm
Spindle diam. of through-hole	φ30mm/φ37mm(option)	φ37mm/φ48mm(option)
Draw pipe diam. of through-hole	φ25mm/φ32mm(option)	φ32mm/φ40mm(option)
Spindle travel speed range	300-3000r/min	300-3000r/min
Clamping way	Pneumatic collet (Sliding cylinder)	Pneumatic collet (Sliding cylinder)
Chuck	chuck	chuck
Tailstock	No	No
Type of turret	Row tool post(Gang type)	Row tool post(Gang type)
Main motor power	2.2KW or 3.0KW(option)	3.0KW/4.0KW(option)
Overall dimensions	1550X1100X1400	1650X1100X1600mm
weight (about)	1000kg	1100kg



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<b>CXK32 45°linear guide slant bed CNC</b>	<b>Technical Parameter</b>
Max. swing diam. over bed	φ320mm
Max.swing diam. over carriage	φ120mm
X-axis max. feeding speed	10000mm/min servo
Z-axis max. feeding speed	14000mm/min servo
X-axis max. stroke	300mm/400mm(option)
Z-axis max. stroke	250mm
Spindle diam. of through-hole	φ37mm φ48mm φ55mm(Options)
Draw pipe diam. of through-hole	φ32mm φ40mm φ45mm(Options)
Spindle travel speed range	300-3000r/min
Clamping way	Pneumatic Clamp(Sliding cylinder)
Chuck	φ160 three-jaw chuck/ hydraulic chuck(option)
tailstock	No
Type of turret	Row tool post/hydraulic turret(option)
Main motor power	3.0KW/4.0KW(Options)
Overall dimensions	2000×1300×1710mm
weight about	1800kg



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**CK400-B Five-axis&four-linkage function: composite processing as: turning, drilling, milling, tapping, etc.**

CK400-B	Technical Parameter
Max. swing diam.	400mm
Max.machining diam.	160mm
Standard machining diameter	110mm
Max.workpiece length	200mm
X-axis max. stroke	400mm
Z-axis max. stroke	250mm
Spindle diam. of through-hole	φ48mm/62mm(option)
Draw pipe diam. of through-hole	φ40mm/52mm(option)
Rapid travel speed of X, Z axis	7000mm/min,10000mm/min
Spindle travel speed range	3000r/min /2000r/min (option)
Ways of clamping	Pneumatic clamping / chuck/hydraulic chuck(option)
Type of turret	Row tool post/Electric turret(option)
Main motor power	3.7KW/5.5KW(option)
Tailstock	No
Overall dimensions (LXWXH)	2020X1450X1850mm
weight (about)	2100kg





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**DB-CJK0640 multilateral molding corner cutter cnc lathe**

**Composite processing of turning and corner cutting**

Technical Parameter	DB-CJK0640 Polygon machine
Standard machining diameter	100mm
Max.workpiece length	180mm
X-axis max. stroke	200mm
Z-axis max. stroke	180mm
Spindle diam. of through-hole	φ48mm/φ70mm(option)
Draw pipe diam. of through-hole	φ40mm/φ60mm(option)
Rapid travel speed of X, Z axis	6000mm/min,9000mm/min
Spindle travel speed range	200-3000r/min / 200-1600r/min (option)
Ways of clamping	Pneumatic clamping / chuck(option)
Type of turret	4-position electric turret
Main motor power	4.0KW
Overall dimensions (LXWXH)	1920X1120X1550mm
weight (about)	1400kg



# 浙江震环数控机床有限公司

ZHEJIANG ZHENHUAN CNC MACHINE TOOL CO.,LTD

ADD: ELECTRICAL & MECHANICAL INDUSTRIAL ZONE, YUHUAN, ZHEJIANG, CHINA

Mobile: +86-15257674490

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Technical Parameter	CK6150×1000	CK6140-B×1000
Max. swing diam. over bed	φ500mm	φ420mm
Max. swing diam. over carriage	φ290mm	φ210mm
X-axis max. feeding speed	5000mm/min servo	5000mm/min servo
Z-axis max. feeding speed	9000mm/min servo	9000mm/min servo
X-axis max. stroke	320mm	320mm
Z-axis max. stroke	1000mm	1000mm
Spindle diam. of through-hole	φ81mm	φ55mm
Cone of spindle inner hole	metric system 88 1:20	MT6
Spindle travel speed range	300-1500r/min	300-1600r/min
three-jaw chuck	φ320 three-jaw chuck	φ250 three-jaw chuck
Cone of tailstock sleeve	MT5	MT5
Type of turret	4-position electric turret	4-position electric turret
Main motor power	7.5KW	5.5KW/7.5KW(options)
Overall dimensions	2520×1200×1600mm	2520×1200×1600mm
weight	About 2700kg	About 2500kg



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Technical Parameter	CK6140×1500	CK6150×1500
Max. swing diam. over bed	φ420mm	φ500mm
Max. swing diam. over carriage	φ210mm	φ290mm
X-axis max. feeding speed	5000mm/min servo	5000mm/min servo
Z-axis max. feeding speed	9000mm/min servo	9000mm/min servo
X-axis max. stroke	320mm	320mm
Z-axis max. stroke	1500mm	1500mm
Spindle diam. of through-hole	φ55mm	φ81mm
Cone of spindle inner hole	MT6	metric system 88 1:20
Spindle travel speed range	300-1600r/min	300-1500r/min
three-jaw chuck	φ250 three-jaw chuck	φ320 three-jaw chuck
Cone of tailstock sleeve	MT5	MT5
Type of turret	4-position electric turret	4-position electric turret
Main motor power	5.5KW/7.5KW (option)	7.5KW
Overall dimensions	3100X1300X1600mm	3100X1300X1600mm
weight	About 3000kg	About 3200kg



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Saddle-type CNC Lathe

CK62110	Technical Parameter
Max.Swing diam. in the saddle	φ1100mm
Max.Swing diam.over bed	φ400mm
Max. Swing diam. over carriage	φ180mm
X-axis max. feeding speed.	5000mm/min servo
Z-axis max. feeding speed.	9000mm/min servo
X-axis max. stroke	320mm
Z-axis max. stroke	450mm
Spindle diam. of through hole	φ55mm/φ81mm/φ105mm(option)
Taper of spindle inner hole	MT6 / metric system 88 1:20 (option)
Spindle rotation speed range	250-1600r/min / 200-800r/min (option)
Three-jaw chuck	φ250 three-jaw chuck / φ400 chuck (option)
Taper of tailstock sleeve	No tailstock
Type of turret	4-position electric turret
Spindle motor power	5.5KW
Overall dimension(LXWXH)	2100X1350X1800mm
Machine weight (about)	2300 kg





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<b>CK6163-450</b>	Technical Parameter
Max. swing diam. over bed	φ630mm
Max. swing diam. over carriage	φ420mm
X-axis max. feeding speed	9000mm/min servo
Z-axis max. feeding speed	9000mm/min servo
X-axis max. stroke	380mm
Z-axis max. stroke	450mm
Spindle diam. of through-hole	φ105mm
Cone of spindle inner hole	1:20
Spindle travel speed range	150-1000r/min
three-jaw chuck	φ400 three-jaw chuck
Cone of tailstock sleeve	No tailstock
Type of turret	4-position electric turret
Main motor power	11KW
Overall dimensions	2300X1400X1800mm
weight	About 2700kg



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**ZK5025 Drilling&Milling machine**

ZK5025	Technical Parameter
X-axis max. stroke	400mm
Y-axis max. stroke	250mm
Z-axis max. stroke	300mm
Distance from spindle nose to table	210mm
Distance between spindle center and column surface	350mm
Rapid travel speed	9000mm/min
Table size	1000X250mm
T-slot (W X Q X D)	14X3X55mm
Table load	250kg
Spindle motor	2.2KW servo motor
Spindle speed	100-3000 r/min
Spindle nose taper	BT30
Overall dimension (L X W X H)	1500X1500X2200mm
Machine weight (about)	1700kg



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**ZYK160 CNC Roundel Drilling machine**

ZYK160	Technical Parameter
Max.boring diameter	φ 16mm
Max.Reference diameter	φ 160mm
Y-axis max.stroke	80mm
Z-axis max. stroke	250mm
Distance from spindle nose to table	150mm
Distance between spindle center and column surface	300mm
Rapid travel speed of Y-axis	6000mm/min / 9000mm/min
Table size	φ 220mm
T-slot (W X Q)	12X2 (cross)
Table load	120kg
Spindle motor	1.5KW
Spindle speed	300-3000 r/min
Spindle nose taper	BT30
Overall dimension (L X W X H)	1300X1250X1800mm
Machine weight (about)	1300kg



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Part No.	Total length (mm)	Max.diam. of bar	Max.length of bar (mm)	Motor Power(KW)	Pressure range(kgf)
BYS-45	3600-4200	$\leq \varphi 45$	2500-3000	0.37	1.5-2.0
BYS-42	3600-4200	$\leq \varphi 42$	2500-3000	0.37	1.5-2.0
BYS-34	3600-4200	$\leq \varphi 34$	2500-3000	0.37	1.5-2.0





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Part No.	Bar diameter	Max.length of bar (mm)	Bar Capacity
BZS-0212	φ2.0---12mm	2500-3000mm	φ4.0mmX102pcs
BZS-0315	φ3---15mm	2500-3000mm	φ15mmX28pcs
BZS-0416	φ4---16mm	2500-3000mm	φ16mmX26pcs
BZS-0520	φ5---20mm	2500-3000mm	φ20mmX20pcs



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加工产品样件

Applicable machining samples



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