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HUANGSHAN WANNAN MACHINERY CO., LTD

www.wannan.com.cn

QUOTATION SCHEME WANNAN

Machine Model: V5

Machine Model:VMC500L

Machine Model ;VMC610

HIGH SPEED VERTICAL MACHINING CENTER

VERTICAL MACHINING CENTER

VERTICAL MACHINING CENTER



CUSTOMER INFORMATION

TO:

TRADE INFORMATION			Model:V5	Model:VMC500L	Model:VMC610
Delivery time:			45days after confirming order	30 days after confirming order	30days after confirming order
Payment term:			30% advance + 70% before shipment / LC	30% advance + 70% before shipment / LC	30% advance + 70% before shipment / LC
Price term:			FOB SHANGHAI	FOB SHANGHAI	FOB SHANGHAI
Port of loading:			Shanghai Port	Shanghai Port	Shanghai Port
Package dimension:			2300*2200*2500 mm	2700*2300*2550 mm	
ORDER INFORMATION			V5 WITH FANUC OI MF CONTROL SYSTEM	VMC500L with FANUC Oi MF system OKADA 16T arm type tool magazine	VMC610 with Siemens 808D system OKADA 12T Hat type tool magazine
			\$33,350.00	\$25,875.00	\$25,300.00
TECHNICAL INFORMATION					
CODE	ITEM	UNIT	V5	VMC-500L	VMC610
1	WORKTABLE (WIDTH×LENGTH)	mm	380×720	380×720	320×1000
2	T SLOTS	mm	3 - 18	3 - 18	3 - 18
3	DISTANCE BETWEEN T SLOTS	mm	100	100	80
4	MAX.LOAD BEARING OF WORKTABLE	kg	250	250	400
TRAVEL					
5	X AXIS	mm	510	510	610
6	Y AXIS	mm	370	370	330
7	Z AXIS	mm	430	430	406
8	DISTANCE FROM COLUM TO SPINDLE CENTER	mm	430	429	360
9	DISTANCE FROM TABLE TOP SURFACE TO SPINDLE NOSE	mm	105-535	105-535	150-556
SPINDLE					
10	SPINDLE HOLE TAPER		BT40	BT40	BT40
11	SPINDLE SPEED RANGE	r/min	12000	20-8000	20-6000
12	THE TRANSMISSIONOF SPINDLE BOX		DIRECT DRIVE	-----	-----
13	MAIN MOTOR MODEL		βil6/ 12000	βil6/ 12000	-----
14	SERVO MAIN MOTOR RATED POWER	kw	5.5	5.5	5.5

15	SERVO MAIN MOTOR 30MINS POWER	kw	7.5	7.5	7.5
16	SERVO MAIN MOTOR RATED OUTPUT TORQUE		Nm	26.3	
17	SPINDLE PART DYNAMIC BALANCE TYPE		G1	G1	
18	SPINDLE ACCURACY		SPINDLE FACE RUNOUT:0.005mm	SPINDLE FACE RUNOUT:0.005mm	SPINDLE FACE RUNOUT:0.005mm
			SPINDLE RADIAL RUNOUT :NEAR-END 0.003mm	SPINDLE RADIAL RUNOUT :NEAR-END 0.007mm	SPINDLE RADIAL RUNOUT :NEAR-END 0.007mm
TOOLS HOLDER SIZE					
19	TOOLS HOLDER STANDARD		MSA403 BT40	MSA403 BT40	MSA403 BT40
20	RIVET STANDARD		MSA403 P40T-1	MSA403 P40T-1	MSA403 P40T-1
FEED					
21	X/Y FEED MOTOR MODEL		βiSc 8/3000	βiSc 8/3000	-----
22	X/Y FEED MOTOR MAX.SPEED	r/min	3000	3000	-----
23	X/Y FEED MOTOR RATED POWER	kw	1.2	1.2	-----
24	X/Y FEED MOTOR RATED OUTPUT TORQUE	Nm	7	7	-----
25	Z AXIS FEED MOTOR MODEL		βiSc 12B/3000	βiSc 12B/3000	-----
26	Z AXIS FEED MOTOR MAX SPEED		3000	3000	-----
27	Z FEED MOTOR RATED POWER	kw	1.4	1.8	-----
28	Z FEED MOTOR RATED OUTPUT TORQUE	Nm	11	11	-----
29	X/Y FEED RATE	m/min	36	36	10
30	Z FEED RATE	m/min	32	32	8
31	CUTTING FEED SPEED	mm/min	10000	12000	4000
TOOLS MAGAZINE					
32	TOOLS MAGAZINE MODEL		ARM TYPE	MANIPULATOR	MANIPULATOR
33	CAPACITY	PCS	16	16	12
34	FULL TOOLS MAX TOOL DIAMETER	mm	Φ78	Φ78	Φ78
35	NEIGHBOR EMPTY TOOL DIAMETER	mm	Φ120	Φ120	Φ120
36	MAX.TOOLS ALLOWABLE WEIGHT	kg	8	8	8
37	MAX.TOOLS ALLOWABLE LENGTH	mm	240	240	300
38	TOOL CHANGE TIME	s	3.5	3	5
39	TOOL CHANGE WAY		FORWARD/REVERSAL	FORWARD/REVERSAL	FORWARD/REVERSAL
POWER SOURCE					
40	MACHINE ELECTRIC CAPACITY	KVA	20	10	20

41	COOLING PUMP FLOW RATE	L/min	40	10	40
42	MACHINE COMPRESSED AIR	kg	6~8	6~8	6~8
43	POWER REQUIREMENT		380V±10% 50Hz	380V±10% 50Hz	380V±10% 50Hz
ENVIRONMENTAL REQUIREMENT					
44	ENVIRONMENTAL TEMPERATURE REQUIREMENT		0°C~40°C	0°C~40°C	0°C~40°C
45	RELATIVE HUMIDITY		20%~80%	20%~80%	20%~80%

MACHINE SIZE					
46	MACHINE DIMENSION	mm	2020×2100×2400	1700×2200×2500	2240×1890×2200
47	MACHINE WEIGHT	kg	2400	2400	3000
48	MACHINE SHIELD		FULL PROTECT	FULL PROTECT	FULL PROTECT
ACCURACY					
49	X/Y/Z POSITION ACCURACY	mm	±0.01	±0.010	±0.015
50	X/Y/Z RE-POSITION ACCURACY	mm	±0.005	±0.005	±0.008

STANDARD ACCESSORIES					
CODE	NAME	MANUFACTURER			
1	CONTROL SYSTEM		FANUC Oi MF JAPAN-FANUC	FANUC Oi Mate-MD JAPAN-FANUC	SIEMENS 808D
2	SERVO FEED MOTOR				
3	SPINDLE SERVO MOTOR				
4	DRIVE				
5	SPINDLE UNIT		BT40-φ150 (TAIWAN-KENTURN)	BT40-φ120 (CHINA-BERLT)	BT40-φ150 (TAIWAN-KENTURN)
6	BALL SCREW		4016/4016/4016 (C3) (JAPAN-HIWIN)	3216/3216/3216 (JOINT VENTUR E-SURELEN)	-----
7	SPINDLE BEARING	JAPAN	7014/7014--NACHI	7012/7010--NSK	-----
8	LM GUIDEWAY	JAPAN-HIWIN	35/45/45 (P)	-----	-----
9	TOOL CYLINDER	TAIWAN-HAOCHENG	1:11,110cc	4.5t	4.5t

10	TOOLS MAGAZINE		16T (TAIWAN-OKADA)	16T (TAIWAN-KOREA)	12T (OSHIMA)
11	LOCKNUT	TAIWAN-YINSH	YSF M30x1.5P	YSF M24x1.5P	YINSH
12	COUPLING		GS28 98SHA 2.5/25/32 (CHINA-TW)	XY 19/22 , Z 24/22 (TAIWAN-LINK)	LINK/KTR
13	SCREW BEARING	JAPAN-NACHI	BSB3062-2Z-SU		30TACB06U/GMP4 BS30*62G/GNP4 (NACHI/TPI)
14	HEAT EXCHANGER		EA-05N (CHINA-WENHENG)	C&H-5AF/220V (TAIWAN-KAUKAN)	C&H-5AF/220V (TAIWAN-KAUKAN)
15	PNEUMATIC ELEMENT	TAIWAN-AIRTAC	-----	-----	-----
16	AUXILIARY RELAY	GERMANY-OMRON	-----	-----	-----
17	ELECTRIC PARTS	GERMANY-SCHNEIDER	-----	-----	-----
18	PNEUMATIC ELEMENT		-----	TAIWAN-AIRTAC	-----
OTHERS			V5	VMC-500L	VMC610
	X/Y/Z LINEAR MOTION SLIDE WAY		OIL-WATER SEPERATION	-----	
	PRE-TENSION FOR BALL SCREW		SPINDLE ANTI-DUST DEVICE	-----	SPINDLE ANTI-DUST DEVICE
	RIGID TAPPING		AUTO LUBRICATION SYSTEM	-----	AUTO LUBRICATION SYSTEM
	WORKPIECE COOLING SYSTEM		SPINDLE COOLANT RING	-----	RS232 INTERFACE
	M30 AUTOMATIC POWER-OFF SYSTEM		PORTABLE BLOWING DUST AIR GUN	-----	PORTABLE BLOWING DUST AIR GUN
	ELECTRICAL CABINET HEAT EXCHANGER		WATER GUN FOR CHIP REMOVING	-----	WATER GUN FOR CHIP REMOVING
	RS232 INTERFACE		ELECTRIC CABINET AIR CONDITIONING	-----	
	ALL OVER PROTECTION SHIELD		ANCHOR BOLTS AND PADS	-----	ANCHOR BOLTS AND PADS
			-----	-----	-----
	GUIDE WAY MODELS		-----	Z BOX/ X,Y LINEAR	-----
	CHIP CONVEYOR TYPE		-----	FRONT	-----
	OIL-WATER SEPARATION		-----	MACHINE TYPE OIL-WATER SEPARATION	-----
	WASH TYPE		-----	MANUAL AIR GUN	-----

	PUNCHING TYPE		-----	SPINDLE FRONT-END PUNCHING	-----
	SPINDLE PROTECT		-----	AIR CURTAIN PROTECT	-----

OPTIONAL ACCESSROIES

CODE	PART NAME	MODEL	V5	VMC-500L	VMC610
1	CHIP CONVEYOR	SPIRAL TYPE	\$960	-----	-----
		CHAIN TYPE	\$1,800	-----	-----
2	THE 4 TH AXIS DIVIDING HEAD	CNC200R	\$7,800	\$7,800	\$7,800
		CNC250R	\$9,960	\$9,960	\$9,960
		CNC320R	\$12,000	\$12,000	\$12,000
3	10000RPM SPINDLE WITH OIL CHILLER		-----	\$3,000	-----
4	OIL CHILLER	BT40	-----	\$960	\$960
		BT50	-----	\$1,440	\$1,440
5	COOLANT THROUGH SPINDLE	BT40	-----	\$4,800	\$4,800
		BT50	-----	\$6,600	\$5,040
6	CHIP CONVEYOR	SPIRAL TYPE	-----	\$960	\$960
		CHAIN TYPE	-----	\$1,800	\$1,800
7	VERTICAL COLUMN INCREASE	200mm	-----	\$1,200	\$1,200
8	TOOL MEASURING SYSTEM	RENISHAW	-----	\$6,000	\$6,000
9	ELECTRICAL CABINET AIR CONDITIONING		-----	\$600	\$600
10	ROLLER LINEAR GUIDEWAY		-----	\$1,920	\$1,920
11	FANUC AICC 2		-----	\$600	-----
12	10000RPM SPINDLE WITH OIL CHILLER		-----	-----	\$3,000
13	SPINDLE FROM BT40 TO BT50		-----	-----	\$6,000

Any other specific accessories you want to change, kindly contact with us directly. We also can supply following service if you need:

1. Customize your machine shield color.
2. Supply the fixture scheme for your work piece.
3. Supply the processing beat scheme for your work piece.
4. Supply the tool selection scheme.

5. Offer the machine frame or other main parts separately.

COMPANY PROFILE

In 1928, Huangshan Wannan Machinery Co., Ltd. established in Shanghai and started with hardware tools. Then due to the war, it supplied the military products for the army and developed the first milling machine in 1937. The model is 57-3C which is still sold today.

In 1966, the government move the whole company to Huangshan city. Within next decade's years, WANNAN has been always specializing in developing, manufacturing and selling of various types of conventional milling machines, CNC milling machines and CNC machining centers.

Owing to nearly 90 years' in this area, we accumulate profound metal processing experience. Now we have more than 400 employees. Among them, there are 180 Professional technicians, 30 quality inspector and 48 presale and after sale service people.

WHY CHOOSE WANNAN?

Compared with most CNC machine suppliers, we have following advantages:

1-Independent research and develop ability

There had been 2 Taiwanese engineers working 5 years in our company, fully absorb Taiwan machine idea, we design our own machine structure.

Then, make finite element analysis on the structure rationality.

2-On-site parts processing

We process all casting parts in our own workshop where equips five axis CNC machining centers, double-column machining center, CNC boring and milling center etc.

3-ISO quality control system and 6S site management.

4-Standard machine delivery is within 30days.

5-Offer flexible procurement plan according to customer's requirements.

