皖南机床 WANNAN

PRESALE PROFILE

HUANGSHAN WANNAN MACHINERY CO.,LTD

www.sinocncmachine.com

VMC1060L

VERTICAL MACHINING CENTER

2. TECHNICAL INFORMATION

2.1 MACHINE PARAMETERS

CODE	ITEM		DETAILS
1	WORKTABLE (WIDTH×LENGTH)	mm	600×1200
2	T SLOTS	mm	5-18
3	DISTANCE BETWEEN T SLOTS	mm	100
4	MAX.LOAD BEARING OF WORKTABLE	kg	800
TRAVEL			
5	X AXIS	mm	1000
6	Y AXIS	mm	600
7	Z AXIS	mm	600
8	DISTANCE FROM COLUM TO SPINDLE CENTER	mm	650
9	DISTANCE FROM TABLE TOP SURFACE TO SPINDLE NOSE	mm	120-720
SPINDLE			
10	SPINDLE HOLE TAPER	BT40	
11	SPINDLE SPEED	rpm	8000
12	MAIN MOTOR MODEL	βiI12/10000	
13	SERVO MAIN MOTOR RATED POWER	kw	11
14	SERVO MAIN MOTOR 30MINS POWER	kw	15
15	SERVO MAIN MOTOR RATED OUTPUT TORQUE	Nm	52.5
16	SPINDLE PART DYNAMIC BALANCE TYPE	G1	
17	SPINDLE ACCURACY	SPINDLE FACE RUNOUT::0.005mm	
		SPINDLE RADIAL RUNOUT :NEAR-END 0.007mm	
TOOLS HOLDER SIZE			
18	TOOLS HOLDER STANDARD	MSA403 BT40	
19	RIVET STANDARD	MSA403 P40T-1	
FEED			
20	X/Y FEED MOTOR MODEL	βiSC 22/2000	
21	X/Y FEED MOTOR MAX.SPEED	r/min	2000
22	X/Y FEED MOTOR RATED POWER	kw	2.5
23	X/Y FEED MOTOR RATED OUTPUT TORQUE	Nm	20
24	Z AXIS FEED MOTOR MODEL	βiSC 22B/2000	

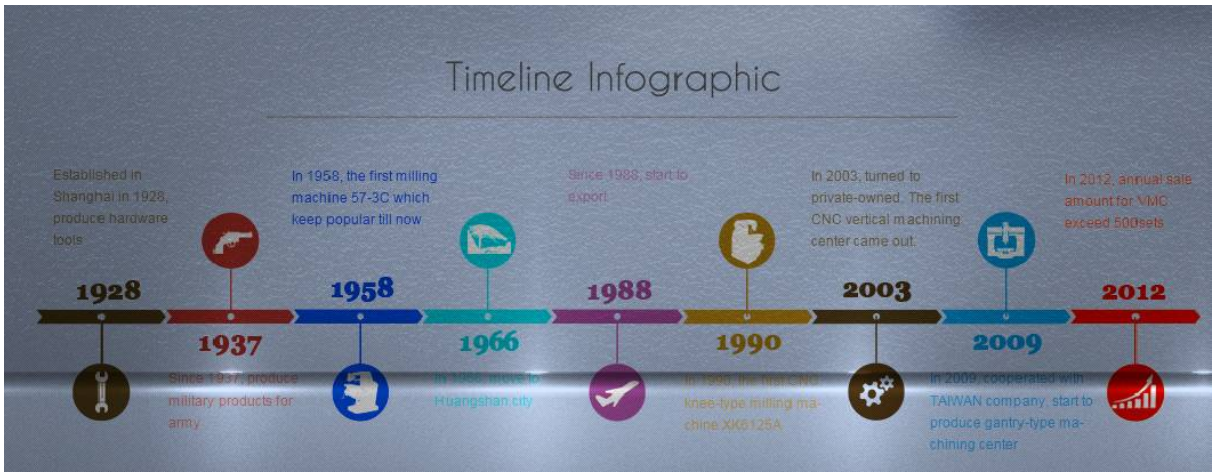
25	Z AXIS FEED MOTOR MAX SPEED	r/min	2000
26	Z FEED MOTOR RATED POWER	kw	2.5
27	Z FEED MOTOR RATED OUTPUT TORQUE	Nm	20
28	X/Y FEED RATE	m/min	36/36
29	Z FEED RATE	m/min	36
30	CUTTING FEED SPEED	mm/min	10000
TOOLS MAGAZINE			
31	TOOLS MAGAZINE MODEL	MANIPULATOR	
32	CAPACITY	pcs	24
33	FULL TOOLS MAX TOOL DIAMETER	mm	Φ78
34	NEIGHBOR EMPTY TOOL DIAMETER	mm	Φ120
35	MAX.TOOLS ALLOWABLE WEIGHT	kg	8
36	MAX.TOOLS ALLOWABLE LENGTH	mm	300
37	TOOL CHANGE TIME	s	3.5
38	TOOL CHANGE WAY	FORWARD/REVERSAL	
POWER SOURCE			
39	MACHINE ELECTRIC CAPACITY	KVA	20
40	COOLING PUMP FLOW RATE	L/min	40
41	MACHINE COMPRESSED AIR	kg	6～8
42	POWER REQUIREMENT	380V±10% 50Hz	
ENVIRONMENTAL REQUIREMENT			
43	ENVIRONMENTAL TEMPERATURE REQUIREMENT	0□～40□	
44	RELATIVE HUMIDITY	20%～80%	
MACHINE SIZE			
45	MACHINE DIMENSION	mm	2855×2150×2350
46	MACHINE WEIGHT	kg	6000
47	MACHINE SHIELD		FULL PROTECT
ACCURACY			
48	X/Y/Z POSITION ACCURACY	mm	±0.010
49	X/Y/Z RE-POSITION ACCURACY	mm	±0.005

2.2 STANDARD ACCESSROIES

CODE	PART NAME	MANUFACTURER	MODEL
1	CONTROL SYSTEM	FANUC	FANUC 0I MF
2	SERVO FEED MOTOR	FANUC	
3	SPINDLE SERVO MOTOR	FANUC	
4	DRIVE	FANUC	
5	SPINDLE UNIT	KENTURN(TAIWAN)	BT40-φ150
6	BALL SCREW	PMI(TAIWAN)	4012/4012/4012 (C3)
7	LINEAR SLIDE WAY	REXOTH/HIWIN/PMI(TAIWAN)	45MM/45MM/45MM
8	TOOL CYLINDER	HAOCHENG/CHENSOUND	4.5t
9	TOOL MAGAZINE	CHENSOUND	24T
10	COUPLING	REACH	28GS
11	HEAT EXCHANGER	KAUKAN	C&H-5AF/220V
12	BALL SCREW BEARING	NTN/FAG	30X62
13	LUBRICATION SYSTEM	BAOTN	
14	PROTECTIVE COVER(3 AXES)	HW	
15	BELT	UNITTA	8YU-944
16	PULLEY	MHN	8YU-48T

OTHERS	
X/Y/Z LINEAR MOTION SLIDE WAY	OIL-WATER SEPARATION
PRE-TENSION FOR BALL SCREW	SPINDLE ANTI-DUST DEVICE
RIGID TAPPING	AUTO LUBRICATION SYSTEM
WORKPIECE COOLING SYSTEM	RS232 INTERFACE
M30 AUTOMATIC POWER-OFF SYSTEM	PORTABLE BLOWING DUST AIR GUN
ELECTRICAL CABINET HEAT EXCHANGER	MANUAL PULSE
ALL OVER PROTECTION SHIELD	ANCHOR BOLTS AND PADS

3. 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 1957. The model is 57-3C which is still sold today.

In 1966, the government move the whole company to Huangshan city. Within next decades 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.

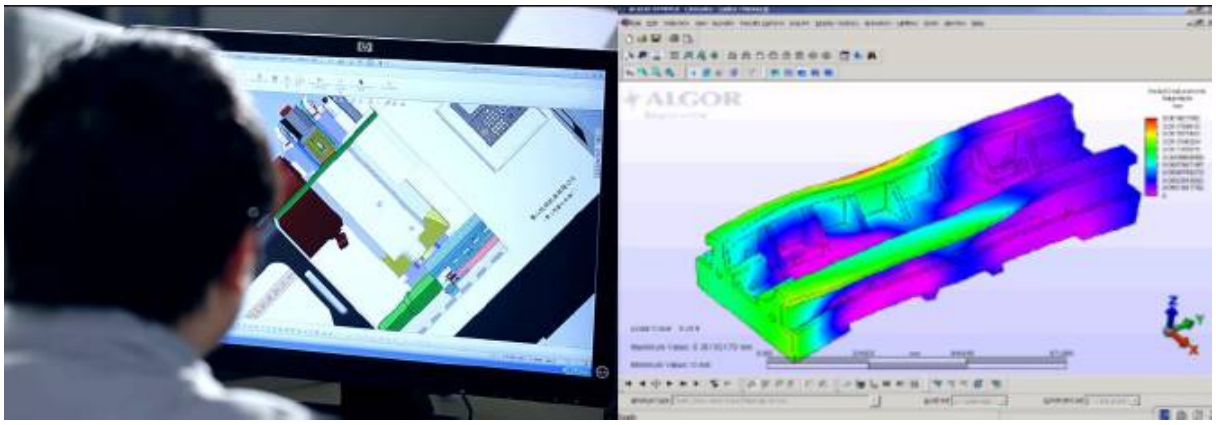
Owing to nearly 90 years' in this area, we accumulate profound metal processing experience. Now we have more than 400 employees. Among them, there are 180 Professional technicians, 30 quality inspector and 48 presale and after sale service people.

4. 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.