



## **SHANDONG WAMIT CNC TECHNOLOGY CO.LTD**

**International branch: HARBIN QIAN FAN XI FENG MACHINERY CO.LTD**

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**SHANDONG WAMIT CNC TECHNOLOGY CO.LTD is the professional manufacturer of water jet cutting machine and spare parts for all Chinese brand water jet cutting machine . our factory is located in JINAN city, SHANDONG province, China. We welcome all customers visit our factory any time.**

**we have 420Mpa intensifier pump, 600Mpa intensifier pump ,direct drive pump and 420mpa with dual intensifier pump, we also can provide 3 axis , 5 axis with 10 degree and dynamic 5 axis with 60 degree cutting head water jet cutting machine, pure water cutting and abrasive sand cutting. our machines are with excellent quality - efficient and accuracy, economical investment with low initial cost and low maintenance cost to our customers. All the machinery delivered by us come with first class after-sale service.**

**Until now We have expanded our market to North America, Australia, Southeast Asia, Central Asia and the Middle East. And establish a good relationship with our customers in Russia, Argentina, America, Canada, UK, Chile, South Africa, Ecuador,Kuwait, Hungary , Saudi Arabia , Turkey,Mexico,Malaysia ,Australia and other countries and regions.**

### **ADVANTAGES:**

- 1. 37KW SIEMENS motor supply 420MPA (60000PSI) high pressure.**
- 2.All electric components are Schneider brand**
- 3.Can do special size and special design according to customer's demand**
- 4.Free abrasive sand feeding system**
- 5.We have most convenient automatic abrasive sand removing and recycling system for any brand water jet cutting machine**
- 6.Imported intensifier pump**
- 7.Use 8mm steel to make the cutting table stronger and keep the precision time for whole life**


- 8.Soft cover for linear guider or gear and rack, can effectively prevent dust
- 9.Install an automatic oil tank for cutting table , no need maintenance of linear guider
- 10.Legitimate WINDOWS 7 system and install the Chinese newest water jet cutting system
- 11.TBI linear guider and ball screw
- 12.Variable servo pump can reduce the electricity cost
- 13.Our 420mpa pump is with Lower noise
- 14.The superior design can save the sand cost.


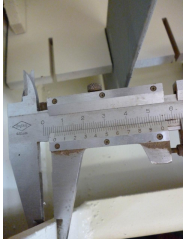
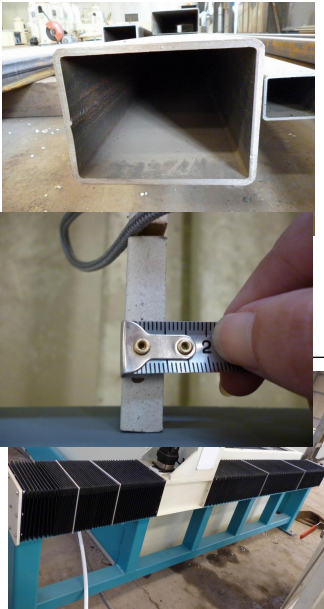
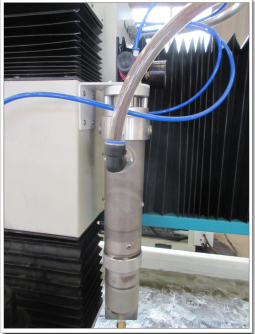
## Quotation list


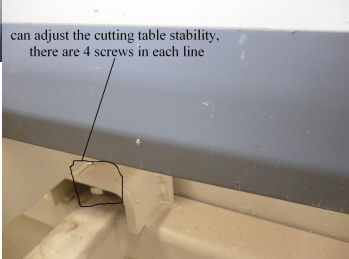
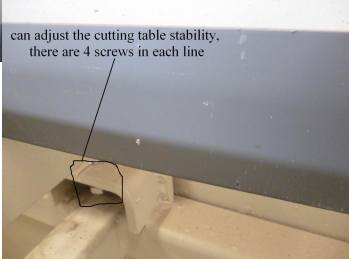


Date: Client code: Valid time: 30 days



Buyer:



Water jet cutting machine bridge type 420 Mpa series Model: WMT3020-AL with 3 axis


Instructions of the main parts of water jet cutting machine			
<p><b>A</b></p> <p><b>The cutting table</b></p>		1. Machine style: <i>Bridge type</i>	
		2. Processing dimension: <i>3000mmX2000mm</i>	
		3. Z-axis journey is <i>170mm</i>	
		4. Control accuracy: <i>±0.01mm</i>	
		5. Cutting accuracy: <i>±0.1mm</i>	
		6. <i>three-axis</i> control, <i>Auto zero</i> positioning	
		7. Way of drive : Servo ( drives and motors are from <i>Japan YASKAWA</i> )	
		8. All screw and linear guide are TBI brand	

		<p>from Taiwan and we install a oil tank to make the linear guider and ball screw keep precision longer.</p> <p>9.seperated body</p> <p>X beam of cutting table applies 8mm steel that can make the accuracy longer. Support beam use 10mm steel, and the water tank is made by 6mm steel.</p> 	
		<p>10. Use soft cover which can protect linear guider and ball screw better.</p>	
		<p>11. Use flow type abrasive sand hopper, it will be more stable and not easily be broken</p>	

		12. With a lubrication oil pump which can automatically supply oil to linear guider, so that the linear guider needn't maintenance always	 <p>can adjust the cutting table stability, there are 4 screws in each line</p> 
		13. There are 4 screws of each line of cutting table which can adjust the table flat a little , so that adjust the accuracy.	
<b>B</b> The intensifier pump		1.Type of pressurization is <i>hydraulic</i> . (The water is pressurized by using the fluid pressure intensification principle)	
		2.Max. oil discharge is <i>90 L/min</i>	
		3.Max. water discharge is <i>3.8L/min</i>	
		4.Max. diameter of orifice is <i>0.33mm</i>	
		5.Max. operating pressure is <i>420MPa(60000 psi)</i>	
		6.Continuous operating pressure is <i>350-380MPa</i>	
		7.Power requirement : <i>37KW, 380V/50HZ, can do 220V/415V</i>	
		8.Type of shift is <i>electronic</i>	

		<p>9.maintenance free accumulator whose capability is 1.OL Imported from TAIWAN</p> <p>10.Intensifier is imported from USA</p> <p>11.. 11.With SIEMENS motor and the motor is variable pump so that can reduce using cost..all electric components are Schneider brand.</p>	
<p><b>C</b></p> <p><b>The CNC controller system</b></p>		<p>1. CNC control, apply 21 inch LCD</p> <p>2. Adopt specialized WEIHONG water jet cutting software, have autosave function for next operation.</p> <p>3. Apply SIEMENS PLC instead of relay, buttons are Schneider</p> <p>4. Legal Windows 7 based, Support DXF file and any auto programming software to produce NC code</p>	
Accessory parts	Function		Picture
<p><b>D</b></p> <p><b>Abrasive feeding system</b></p>	<p>New type pneumatic valve, reliable sensitive action, to overcome the simple way to control the sand amount only by negative pressure. A fundamental solution of sand blocked off , sand lack and other faults.</p> <p>Reliable Anti-backwater design and accurate sand amount control panel, to avoid sand wet , sand blocked off ,sand lack and other troubles because the cutting</p>		

	<p>head backwater, to ensure the cutting continuity under any condition, meanwhile to accurately control the abrasive amount, effectively reduce the abrasive waste. This is the standard equipment of “WAMIT” waterjet.</p>	
<p><b>E</b></p> <p><b>OIL CHILLER</b></p>	 <p><i>If your budget is limited, you can choose water cooler first. Oil chiller cooling efficiency is higher.</i></p>	<p><b>USD 2500</b></p>
<p><b>F</b></p> <p><b>Remote controller</b></p>		<p><b>USD 250</b></p>

<div>G</div> <div>Water softener</div>		USD 800
<div>H</div> <div>Spare parts for at least 1000 hours</div>	<div><div>1. Orifice 20 pcs</div><div>USD 210</div><div>2. Nozzle 6 pcs</div><div>USD 720</div><div>3. HP valve seat 5 pcs</div><div>USD 60</div><div>4. Low pressure valve seat 5 pcs</div><div>USD 60</div><div>5. On/off valve repair kits 2 pcs</div><div>USD 170</div><div>6. Dust guard 1 pcs</div><div>USD 15</div><div>7. On/off valve body 1pcs</div><div>USD 130</div><div>8. Check valve body 1 pcs</div><div>USD 231</div><div>9. One-way valve 1 pcs</div><div>USD 55</div></div>	USD 2116

	10. Check valve repair kits 1 pcs      USD 50 11. Low pressure repair kits 1 pcs      USD 50 12. HP repair kits 1pcs      USD 110 13. Blue goop 1 pcs      USD 50 14. Nozzle body 1 pcs      USD 85 15. Cutting head 1pcs      USD 120	
<b>I</b> <b>Water cooler</b>		<b>USD 1000</b>

Free spare parts and tools				
Item	Description	Part No.	Qty	Application and remarks
1	Orifice	12.45*6.48*0.3	4	Used for cutting head

2	Outlet poppet	H12022	2	Used for outlet check valve body
3	Insert	H12021	2	Used for outlet check valve body
4	Poppet	H12030	2	Used for check valve main body
5	O-ring	33.5×2.65	4	Used for end cap and check valve main body
6	Needle	B type	1	Used for on/off valve assembly
7	Insert - on-off valve	B type	1	Used for on/off valve assembly
8	High pressure valve seal	B type	1	Used for on/off valve assembly
9	O-ring	AS568-006	2	Used for needle
10	O-ring	8×1.9	2	Used for piezometric tube
11	O-ring	40×3.1	2	Used for low pressure oil pipe
12	O-ring	26.5×1.8	2	Used for end bell
13	O-ring	30×3.1	2	Hydraulic oil pip (HP)
14	O-ring	9×1.8	4	Used for signal pipe
15	Blue goop		1	
16	Nozzle		1	

17	Dust guard		1	
18	Abrasive		250kg	
<b>Price and delivery terms</b>				
Quantity Terms	MOQ: 1 set			
Payment Terms	The payment term is 30% paid for deposit by T/T, 70% before delivery after we send you pictures and videos.			
Quality Terms	two years' warranty (2500 hours)			
Delivery Time Terms	time of delivery is 30 days after receipt of deposit.			
Brand's Terms	Use the factory's own brand WAMIT			
Package	Soft packing, use one 20' container to deliver			
Service Terms	We can supply install video or you arrange engineer to come to our factory for learning, we can also arrange engineer to your factory, but there will be some cost.			
HS code	84649011			
Price Terms	<b>FOB QINGDAO USD 52000/SET( include A,B,C,D).</b>			

- **Note: The quotation is subject to seller's final confirmation.**