

April 23, 2024

**ORLICK INDUSTRIES**

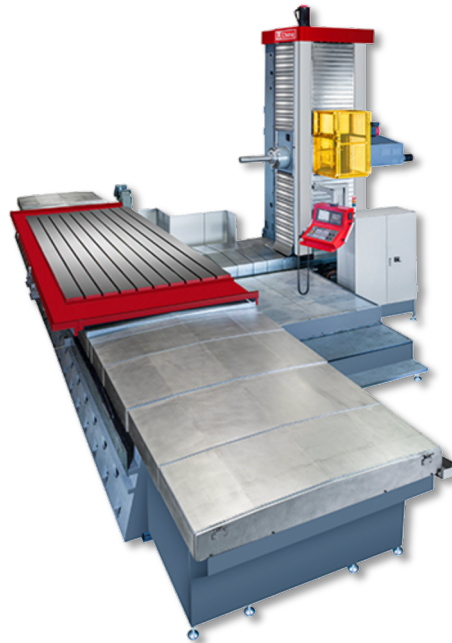
359 Millen Road  
Stoney Creek, Ontario L8E 2H4

Attention: Bob McCallion / 905.664.3990 extension 234 / [bob.mccallion@orlick.on.ca](mailto:bob.mccallion@orlick.on.ca)

**U'CHINE UBM-11022T T-TYPE CNC HORIZONTAL BORING & MILLING MACHINE**

Dear Bob,

Thank you for the opportunity to quote a **U'CHINE UBM-11022T CNC HORIZONTAL BORING & MILLING MACHINE** for your facilities in Stoney Creek, Ontario.





## U'CHINE

U'Chine Technology Co. Ltd. is based in Taichung, Taiwan and has formed a well-organized integration of the R&D, production, quality management, marketing and after-sale services departments. Through this highly integrated cooperation of the departments U'Chine is able to create sophisticated production techniques which are revolutionary in the metalworking technology field.

The U'Chine machine's advantages are not only a result of U'Chine's innovative and highly skilled R & D personnel or the fact that its engineers have 20-30 years of experience in the development and production of CNC machining centres but also stem from the feedback of our valued customers as we know that customer-oriented services are the key to survive and even thrive in this highly competitive business.

U'Chine's quality control department ensures that only high quality components enter the production line. Integrated process control during production, assembly and testing is another vital part of its quality assurance management system.

Therefore U'Chine products are highly appreciated and widely used for precision parts machining in various industries like machinery, mold & die production, aerospace and others worldwide. U'Chine always works hard to deliver machines with ever better performance creating a new bench mark with every new model. As U'Chine is strongly committed to its company motto: "**Creativity**", "**Continuity**" and "**Quality**".

U'Chine believes only in a creative environment for best R & D performance. Only continuously questioning old solutions and listening to our customers can ensure that U'Chine's products can stay ahead. U'Chine knows quality goes far beyond just employing sophisticated testing methods and continuous training of its staff.

From past improvements to new products of the future U'Chine has the experience, the technology and the means to deliver competitive solutions to satisfy the needs of our customers.



The **U'CHINE UBM HIGH LOADING CNC HORIZONTAL BORING & MILLING MACHINES** offer:

- T-type Movable column construction.
- Minimum deflection of spindle extension with the W-axis.
- Long type heavy duty table.
- Rigid roller type linear ways on the X and Z-axis.
- Integrated Schneberger linear ways and linear scales on the X, Y and Z-axis.

### **STANDARD + INCLUDED EQUIPMENT**

- Fagor elite control
- linear scales on X/Y/Z=axes
- spindle oil cooler
- automatic power off
- hydraulic system
- workpiece coolant system
- through the spindle coolant system
- lubricator system
- alarm light
- work light
- M.P.G. (manual pulse generator = electronic hand wheel)
- USB interface
- heat exchanger
- chip conveyor and cart
- leveling bolts & pads
- electronic control manuals and circuit diagram
- machine operation manuals
- machine inspection lists
- toolbox with spanners & wrenches
- splash/chip guarding around the table

## **MACHINE SPECIFICATIONS**

### **TABLE**

table size	2000 x 1400mm
t-slots	22
maximum load capacity	12000kg

### **TRAVEL**

X-axis	2200mm
Y-axis	1800mm
Z-axis	1700mm
W-axis	900mm

### **SPINDLE**

diameter	110mm
taper	CAT#50
speed range	from 0 - 2500 rpm
maximum power	26kW

### **DISTANCES**

spindle centre to table surface	from 0 to 1800mm
spindle nose to table centre	from -50 to 2150mm
height from ground to table surface	1180mm

### **FEED RATES**

rapid X/Y/Z/W-axis	10/10/10/6m per minute
cutting X/Y/Z-axis	from 0 to 5m per minute
minimum increment	0.001mm



**AUTOMATIC TOOL CHANGER**

number of tool pockets	40
maximum tool diameter with full pockets	125mm
maximum tool diameter with empty adjacent pocket	250mm
maximum tool length	400mm
maximum tool weight	25kg
tool change time	15 seconds

**GENERAL**

coolant tank capacity	400L
hydraulic tank capacity	80L
lubrication tank capacity	8L
electric power requirement	55kVA
pressured air requirements	6kg/cm <sup>2</sup>
machine length x width	4995 x 6800mm (196.65" x 267.72")

**U'CHINE UBM-11022T PACKAGE PRICE: US \$465,900**



## **TERMS AND CONDITIONS**

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### **The pricing**

The shown pricing is in US Dollars F.O.B. Masteel Oakville warehouse. Applicable taxes are extra. CSA approval is included in the pricing. Lease + capital financing is available on approved credit.

### **The payment terms**

30% with order, 60% before pick-up, 10% 30 days after delivery.

### **Warranty**

Twelve (12) months.

### **Delivery**

To be confirmed at the time of purchase.

### **Customer's responsibility**

Provide a single concrete slab level foundation per the machine foundation requirements, power to the machine by a certified electrician and hydraulic + way lube oil plus coolant for the machine.

### **Masteel's responsibility**

Assemble / level the machine on the customer's shop floor, complete the machine installation and accuracy test and one day of basic machine operator training.

Pre-Start Health and Safety Review (PHSR) is the responsibility of the customer and is not included in the above pricing.

*Please note that this quote is subject to change without notice.*



Sincerely,

**MASTEEL AMERICA CORPORATION**

Ron Nater

Manager, Eastern Canada

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