

**EXTREME MARKETING ACCEPTABLE**



**MAXmill**  
**THE VALUE OF SATISFACTION**

**Unusual Thinking  
Against Tradition**

# maxmill

THE VALUE OF SATISFACTION

## ESTABLISHED WITH AN ADVANCED CONCEPT

Established in 1996, Maxmill Machinery Co., Ltd. specializes in the design and manufacture of vertical machining centers. Since the company was established, the concept behind Maxmill has been providing the best machinery available for achieving the highest levels of productivity, accuracy and quality. Forward thinking and constant new idea applications have established Maxmill as a highly reputed manufacturer in vertical machining centers. Each Maxmill vertical machining center is a highly dependable machine, manufactured with the Maxmill tradition of outstanding design - assuring high quality machining and minimum trouble year after year. In addition to the excellent design and manufacturing capabilities, Maxmill utilizes the most rigorous quality control systems at each step throughout the entire manufacturing process. What we do is to ensure each Maxmill VMC will be fully satisfied to each domestic and international customer.

## BRILLIANT RESEARCH AND DEVELOPMENT

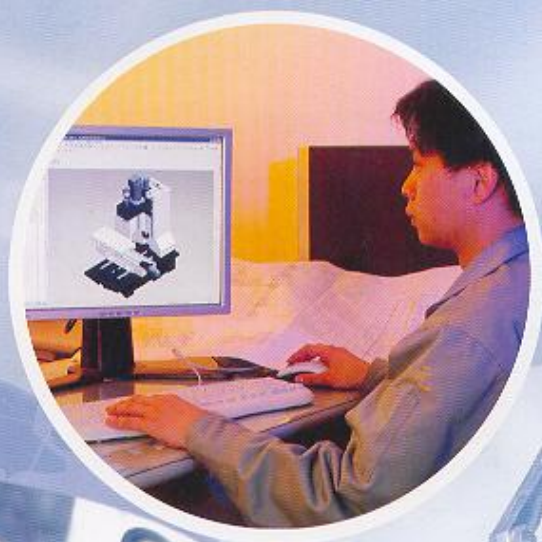
### CAPABILITIES

Our commitment to all of our customers drives us to constantly research new technologies to upgrade Maxmill machines. Outstanding research and development is a key factor in this process. At Maxmill, we have highly qualified R&D engineers with over 20 years' experience in the machine tool industry. The design procedures are done by using AutoCAD with PE software system for simulation on computer. One reason for the excellence of Maxmill VMC's results from our innovative design concepts. We will maintain this tradition to stay competitive now and in the future.

## QUALITY ASSURANCE

Quality is the cornerstone of Maxmill manufacturing and, as such, rigorous quality control is conducted throughout each step of the entire manufacturing process. Rigorous machine inspections are also performed in operational performance, accuracy and quality to achieve the highest standards. Sophisticated inspection instruments, such as a ball bar tester and laser instruments are applied for inspecting the machines. The quality of Maxmill machines are verified by international quality assurance systems, including: ISO 9001, JIS, DIN, UL, CSA and CE. Our efforts in quality insistence have enabled us to earn total customer trust and loyalty.





*Maxmill commits itself to its customers  
Carrying on with continuing growth -  
which brings more products and better  
services, and to becoming a world-class,  
market-oriented Machining Center  
Manufacturer.*

# Quality VMC's Make a Difference. Maxmill Machines Help You Stay Competitive. How was this accomplished?

**1960** Established Sing Lung Trading Co., Ltd., Co-operation with Japanese Mitsutoyo, Sumitomo and Shinko as representation office in Taiwan.

**1988** Established Lien Sheng Mechanical and Electrical Co., Ltd., which manufactured EDM and wire cutting machines.

**1996** Established Maxmill Machinery Co., Ltd. Based on a background of technical experience, Maxmill has built a comprehensive vertical machining center series through researching, designing, manufacturing, assembling and final testing inspections conducted by their dedicated team of employees. Also, we have concentrated exclusively on vertical machining centers and boldly realize visionary ideas.

**2003** The professional, bridge-type machining center team workers joined the Maxmill family.

## CRUISER Series

### VMC-855/966/1166 VMC-1270/1470

#### FEATURES of the VMC-855 / 966 / 1166/ VMC-1270 / 1470:

- Box ways are hardened, ground and utilize non-metallic liners that are virtually friction-free on all ways and gib surfaces. This ensures vibration-free cutting for consistently closer tolerances.
- All guideway mating surfaces are precision scraped and coated with Turcite B as well as anti-friction lining material.
- This series features innovative design concepts at very competitive prices. Also, this series offers all the flexibility and performance needed to face the requirements of an increasingly demanding industrial environment.
- VMC-1270/1470 is constructed of a vast machine bed with four box ways providing everlasting cutting performance reliability.



## THRUST Series

### HQM-1050 QMC-850/1050

#### FEATURES of the HQM-1050, QMC-850 / 1050:

- High-quality linear guideways are professionally mounted and adjusted to guarantee superior feed accuracy and long service life.
- Utilizes Maxmill high-speed technology with advanced servo mechanisms and a direct drive spindle.
- High speed (15,000 RPM) and high revolution accuracy, low noise, minimum vibration and low thermal displacement are also outstanding features of this series.
- Excellent versatility and superb rigidity is offered - all at most competitive prices.

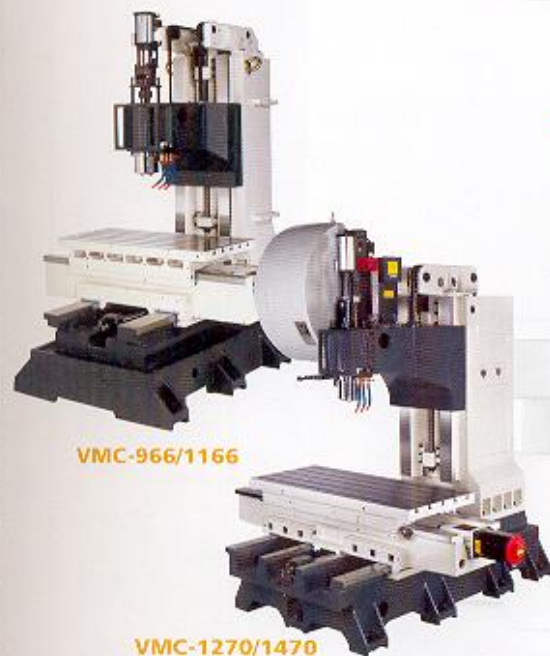


# mpetitive.

**2004** In order to provide product variety and comprehensive services to customers, Maxmill has their whole series of CNC vertical machining centers exclusively supplied. Maxmill and dealers around the world became partners strategically for mutual benefits to penetrate into various markets. We will continuously and flexibly cooperate to bring outstanding machines and services to customers. Meanwhile, another new category that Maxmill is going to present is the double column machining center. Once again, we successfully and efficiently submitted significant products to satisfy overall customer needs.

**2004** With the latest technology, developed a production line of milling machines that stands out for their accuracy, quality and productivity - all at a competitive price.

**2005** Maxmill have been concentrating on: "How to provide profit-making machine centers for all our series." Maxmill continue to focus on collecting customer feedback to continuously improve our machines to create more profits for our customers and to meet their demands. Research and design of machines with the latest technologies are the aim of Maxmill and reflect their vision for 2006 and 2007.



## Machine Specifications:

(lpmact)

MODEL	VMC-855	VMC-855A	VMC-966	VMC-966A	VMC-1166	VMC-1166A	VMC-1270	VMC-1270A	VMC-1470	VMC-1470A
<b>Travels</b>										
X axis	600 mm		900 mm		1100 mm		1200 mm		1400 mm	
Y axis	500 mm		605 mm (650 mm)		605 mm (650 mm)		700 mm		700 mm	
Z axis	520 mm		800 mm		800 mm		800 mm (880 mm)		600 mm (680 mm)	
<b>Table</b>										
Length x Width	950 x 460 mm		1100 x 600 mm		1300 x 600 mm		1350 x 650 mm		1550 x 650 mm	
<b>Spindle</b>										
Spindle motor max. rating	7.5 kw (10 HP)		11 kw (15 HP)		11 kw (15 HP)		15 kw (20 HP)		15 kw (20 HP)	
<b>Spindle Speed</b>										
Belt drive	8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)	
Direct drive (Opt.)	12,000/15,000 rpm		12,000/15,000 rpm		12,000/15,000 rpm		12,000/15,000 rpm		12,000/15,000 rpm	
<b>Tool Magazine</b>										
Number of tools	16	24	16	24	16	24	16	24	16	24

■ All specifications are subject to change without prior notice.

■ NOTE: VMC-1270/1470 (BT-50), Direct Drive (10,000/12,000 rpm)



## Machine Specifications:

(lpmact)

MODEL	HQM-1050	HQM-1050A	QMC-850	QMC-850A	QMC-1050	QMC-1050A
<b>Travels</b>						
X axis	1050 mm		850 mm		1050 mm	
Y axis	550 mm		500 mm		550 mm	
Z axis	600 mm		560 mm		560 mm	
<b>Table</b>						
Length x Width	1150 x 550 mm		950 x 500 mm		1150 x 500 mm	
<b>Spindle</b>						
Spindle motor max. rating	11 kw (15 HP)		7.5 kw (10 HP)		11 kw (15 HP)	
<b>Spindle Speed</b>						
Belt drive	8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)		8,000/10,000 rpm (Opt.)	
Direct drive (Opt.)	12,000/15,000 rpm		12,000/15,000 rpm		12,000/15,000 rpm	
<b>Tool Magazine</b>						
Number of tools	16	24	16	24	16	24

■ All specifications are subject to change without prior notice.

# AJAX Series

## BMC-600

### FEATURES of the BMC-600:

- Features RAPID feed milling to provide customers with a tool that will allow them to reduce costs and improve productivity.
- Integrates many fine features such as: high speed operation, superior accuracy and advanced control to ensure extraordinary performance.
- This series vertical machining center is a completely new, well-balanced, high-speed and high-production machine. It is ideally suited for the mould and metal cutting industries.
- BMC-600 are small double column especially suited for hard workpieces.



# CONQUEST Series

## VMC-1480/1690 VMC-1890/2090

### FEATURES of the VMC-1480A / 1690A / VMC-1890A / 2090A:

- Is constructed of a vast machine bed with four box ways providing everlasting cutting performance reliability.
- Designed specifically for heavy-duty, high-chip removal applications. The slideway design of the table improves the dynamic performance of the machine. Also, the massive saddle with curved, strengthened ribs offers excellent dynamic movement.
- Designed with heavier construction and a high-torque spindle to reduce cycle time for heavy steel operations.



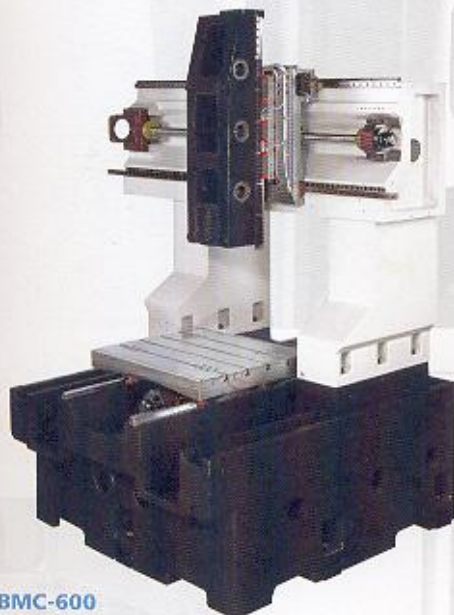
# SPARQ Series

## BMC-3224/4224 BMC-5224/6224

### FEATURES of the BMC-3224 / 4224 / 5224 / 6224:

- This model offers precision and speed for machining large and heavy-duty moulds, tools and dies.
- High-quality linear guideways are professionally mounted and adjusted to guarantee superior feed accuracy and long service life.
- User-friendly Fanuc 18i-MB and Mitsubishi 730 high-performance CNC control with high-speed contour machining function - ideal for the mould and die industry.





BMC-600

## Machine Specifications:

(Ipact)

MODEL	BMC-600	BMC-600A
<b>Travels</b>		
X axis	600 mm	
Y axis	500 mm	
Z axis	350 mm	
<b>Table</b>		
Length x Width	600 x 550 mm	
<b>Spindle</b>		
Spindle motor max. rating	7.5 kw/11kw (24,000/30,000rpm)	
<b>Tool Magazine</b>		
Number of tools	16	20

■ All specifications are subject to change without prior notice.



VMC-1480A  
VMC-1690A

VMC-1890A/2090A

## Machine Specifications:

(Ipact)

MODEL	VMC-1480A	VMC-1690A	VMC-1890A	VMC-2090A
<b>Travels</b>				
X axis	1400 mm	1600 mm	1800 mm	2000 mm
Y axis	800 mm	900 mm	900 mm	900 mm
Z axis	700 mm	700 mm	700 mm	700 mm
<b>Table</b>				
Length x Width	1450 x 750 mm	1700 x 750 mm	2100 x 970 mm	2300 x 970 mm
<b>Spindle</b>				
Spindle motor max. rating	15 kw (20 HP)	15 kw (20 HP)	18.5 kw (25 HP)	18.5 kw (25 HP)
<b>Spindle Speed</b>				
Gear box	6,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm
Direct drive (Opt.)	10,000/12,000 rpm	10,000/12,000 rpm	10,000/12,000 rpm	10,000/12,000 rpm
<b>Tool Magazine</b>				
Number of tools	24 (32)	24 (32)	32	32

■ All specifications are subject to change without prior notice.



BMC-3224

## Machine Specifications:

(Ipact)

MODEL	BMC-3224A	BMC-4224A	BMC-5224A	BMC-6224A
<b>Travels</b>				
X axis	3200 mm	4200 mm	5200 mm	6200 mm
Y axis	2100 mm	2100 mm	2100 mm	2100 mm
Z axis	920 mm	920 mm	920 mm	920 mm
<b>Table</b>				
Length x Width	3200 x 2000 mm	4200 x 2000 mm	5200 x 2000 mm	6200 x 2000 mm
<b>Spindle</b>				
Spindle motor max. rating	18.5 kw (25 HP)	18.5 kw (25 HP)	18.5 kw (25 HP)	18.5 kw (25 HP)
<b>Spindle Speed</b>				
Gear box	6,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm
Direct drive (Opt.)	10,000/12,000 rpm	10,000/12,000 rpm	10,000/12,000 rpm	10,000/12,000 rpm
<b>Tool Magazine</b>				
Number of tools	20 / 32 / 40	20 / 32 / 40	20 / 32 / 40	20 / 32 / 40

■ All specifications are subject to change without prior notice.

WORLD-CLASS, QUALITY APPROVED AND DEDICATED TO PROVIDING  
THE MOST VALUABLE MACHINES FOR CUSTOMERS



**CRUISER** Series



**THRUST** Series



**AJAX** Series



**CONQUEST** Series



**SPARQ** Series



Since 1960

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