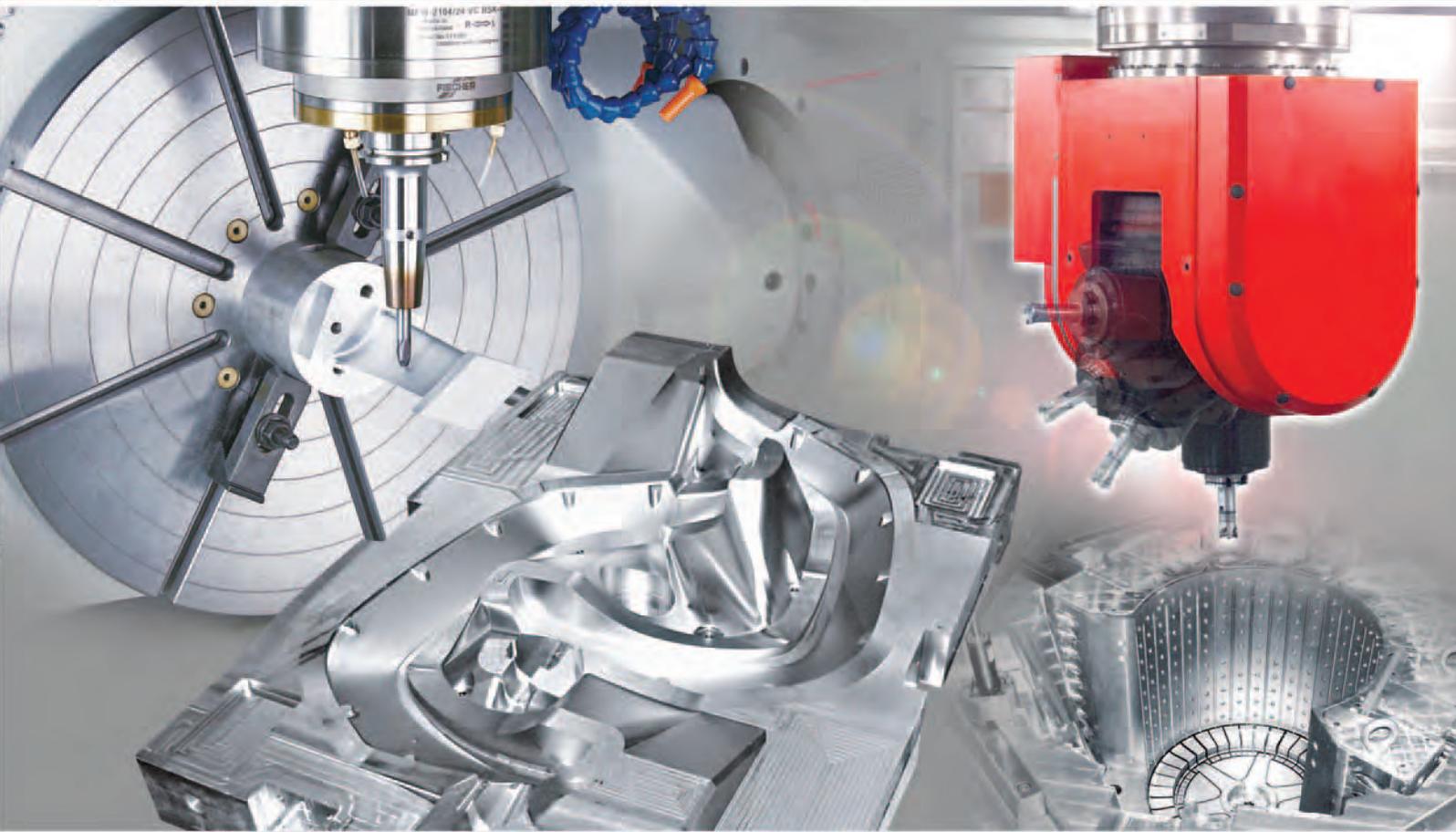


Quick Jet

HPM + HSC

High Performance Milling

High Speed Cutting



***Challenge Germany Technique!
Surpass Japanese Quality!***

QUICK JET GENERAL CATALOG

www.quickjet.com.tw

Quick Jet

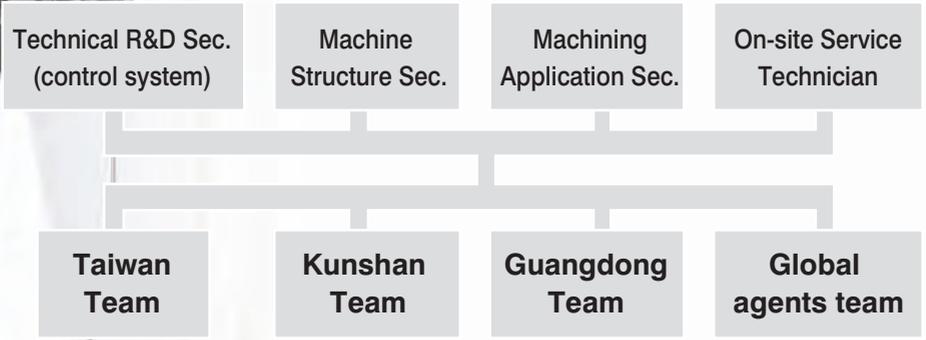
THE COMPANY POLICY

Quick Jet is committed to offer the profitable and fully satisfied mold machining equipment plus the comprehensive services and technical support





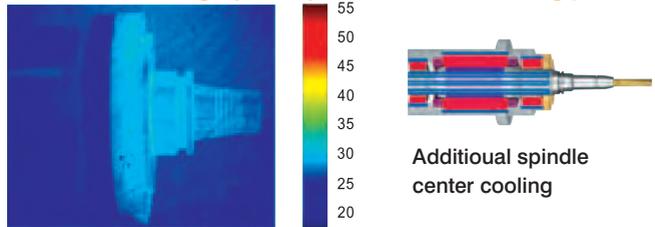
QUICK JET SERVICE TEAM



Quick Jet has set up maintenance and educational training centers in Taiwan headquarter, Kunshan factory and Guangdong branch office. These enable us to offer comprehensive and more efficient technical services and educational training for local customers.

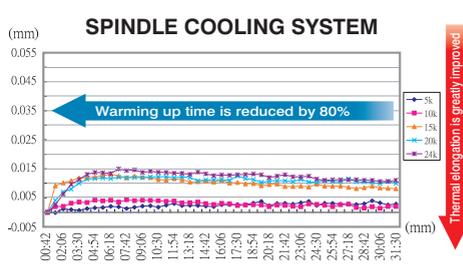
■ COMPREHENSIVE SPINDLE COOLING SOLUTION

(For cooling spindle circumference, motor and top and bottom bearings plus spindle center cooling)



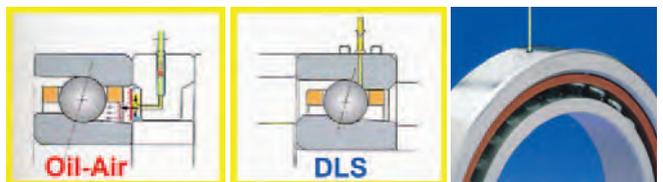
Additional spindle center cooling

The temperature of contact face between the spindle and the HSK tool shank is about 30°C



- Extend the service life of spindle. (Lower spindle temperature)
- Shorten warm up time. (Within 3 minutes)
- Increase stability of the spindle temperature.
- The spindle does not add temperature to the tool shank.
- Decrease the total thermal elongation. (Total thermal elongation is about 0.015mm from power on to warm up finished)
- Reduce the thermal growth of tool shank. (Tool shank temperature is stable)

Conventional Type



- Exclusive Direct Lubrication System (DLS) provides the highest efficiency lubrication to bearing, that dramatically extends the spindle service life.
- The built-in spindle motor shaft ends are supported by 70mm high precision ceramic bearings.



AV-70S X/Y/Z: 700 / 400 / 350 mm Double Column CNC Milling and Machining Center

(High precision double circuits cooling system)



X.Y.Z-axis travel	700/400/350 mm
Built-in type spindle	36,000 rpm (Double circuits cooling system)
Spindle nose taper	HSK-E50
Max. table load	800 kgs
Cutting feedrate	1~24,000 mm/min
Automatic tool changer	12 tools (20 tools opt.)
Machine dimensions	2,531 x 1,925 x 2,663 mm
Machine weight	5,030 kgs



AV-M8 X/Y/Z: 700 / 400 / 350 mm Double Column CNC Milling and Machining Center



X.Y.Z-axis travel	700/400/350 mm
Built-in type spindle	36,000 rpm
Spindle nose taper	HSK-E50
Max. table load	800 kgs
Cutting feedrate	1~24,000 mm/min
Automatic tool changer	12 tools (20 tools opt.)
Machine dimensions	2,531 x 1,925 x 2,663 mm
Machine weight	5,030 kgs



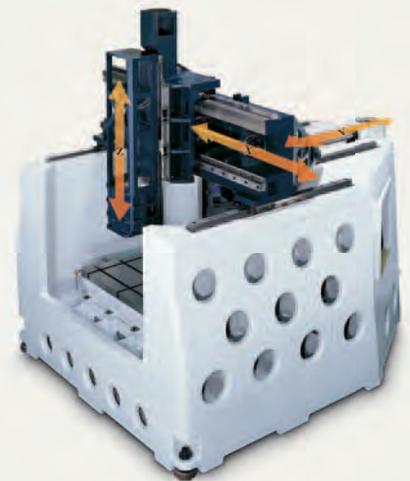
GTV-97

X/Y/Z: 900 / 600 / 500 mm

Gantry Type CNC Milling and Machining Center



X.Y.Z-axis travel	900/600/500 mm
Built-in type spindle	24,000 rpm
Spindle nose taper	HSK-A63
Max. table load	Unrestricted
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	20 tools
Machine dimensions	3,010 x 3,716 x 3,100 mm
Machine weight	11,000 kgs



AV-120S

X/Y/Z: 1,200 / 800 / 500 mm

Double Column CNC Milling and Machining Center

(High precision double circuits cooling system)



X.Y.Z-axis travel	1,200/800/500 mm
Built-in type spindle	24,000 rpm (Double circuits cooling system)
Spindle nose taper	HSK-A63
Max. table load	1,500 kgs
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	12 tools (20 tools opt.)
Machine dimensions	3,465 x 2,845 x 3,200 mm
Machine weight	11,000 kgs





AV-128 (128H)

X/Y/Z: 1,200 / 800 / 500 (700) mm

Double Column CNC Milling and Machining Center



X.Y.Z-axis travel	1,200/800/500 (700) mm
Built-in type spindle	24,000 rpm (14,000 rpm)
Spindle nose taper	HSK-A63 (HSK-A80)
Max. table load	1,500 kgs
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	HSK-A63 12 tools (20 tools opt.) HSK-A80 16 tools
Machine dimensions	3,465 x 2,845 x 3,200 mm (4,335 x 2,860 x 3,620 mm)
Machine weight	11,000 kgs (12,350 kgs)



AV-1612 X/Y/Z: 1,600 / 1,200 / 700 mm

Double Column CNC Milling and Machining Center



X.Y.Z-axis travel	1,600/1,200/700 mm
Built-in type spindle	HSK-A63: 24,000 rpm HSK-A80: 14,000 rpm HSK-A100: 10,000 / 14,000 rpm
Spindle nose taper	HSK-A63/HSK-A80/HSK-A100
Max. table load	4,000 kgs
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	HSK-A63: 20 tools HSK-A80: 16 tools / HSK-A100: 16 tools (30 / 60 tools opt.)
Machine dimensions	4,936 x 3,464 x 3,610 mm (HSK-A63 / HSK-A80 / HSK-A100 (16 tools))
Machine dimensions	4,936 x 3,812 x 3,610 mm (HSK-A100 (30 tools))
Machine weight	17,000 kgs / 19,400 kgs

AV-3020 X/Y/Z: 3,000 / 2,000 / 800 mm

Double Column Machining Center



X.Y.Z-axis travel	3,000/2,000/800 mm
Built-in type spindle	10,000;14,000 rpm 24,000 rpm
Spindle nose taper	HSK-A100/HSK-A63
Max. table load	15,000 kgs
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	HSK-A100 16 tools HSK-A63 20 tools
Machine dimensions	8,560 x 6,535 x 4,660 mm
Machine weight	53,000 kgs

H-56 X/Y/Z: 500 / 600 / 600 mm

Horizontal Machining Center



X.Y.Z-axis travel	500/600/600 mm
Built-in type spindle	24,000 rpm
Spindle nose taper	HSK-A63
Max. table load	500 kgs
Cutting feedrate	1~36,000 mm/min
Automatic tool changer	40 tools (60 tools opt.)
Machine dimensions	4,238 x 3,132 x 2,812 mm(40 tools) 4,425 x 3,270 x 2,870 mm(60 tools)
Machine weight	9,800 kgs / 10,000 kgs

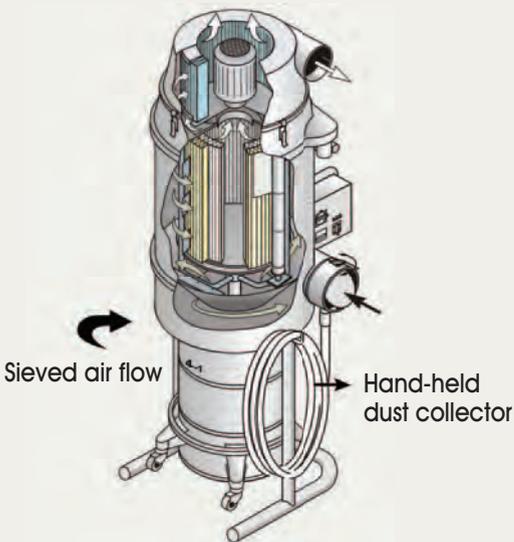
GTV-95X X/Y/Z: 900 / 600 / 480 mm 5 Axes Machining Center



X.Y.Z-axis travel	900/600/480 mm
Built-in type spindle	24,000 rpm
Spindle nose taper	HSK-A63
Max. table load	300 kgs
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	20 tools
A-axis	+30°~120°
C-axis	0°~360°
Machine dimensions	3,010 x 3,716 x 3,100 mm
Machine weight	12,000 kgs



GTV-97G X/Y/Z: 900 / 600 / 500 mm Gantry Type Graphite Cutting and Machining Center



X.Y.Z-axis travel	900/600/500 mm
Built-in type spindle	24,000 rpm
Spindle nose taper	HSK-A63
Max. table load	Unrestricted
Cutting feedrate	1~20,000 mm/min
Automatic tool changer	20 tools
Machine dimensions	3,010 x 3,716 x 3,100 mm
Machine weight	11,240 kgs



AV-70G X/Y/Z: 700 / 400 / 350 mm

Graphite Cutting and Machining Center



X.Y.Z-axis travel	700/400/350 mm
Built-in type spindle	36,000 rpm (Double circuits cooling system)
Spindle nose taper	HSK-E50
Max. table load	800 kgs
Cutting feedrate	1~24,000 mm/min
Automatic tool changer	12 tools (20 tools opt.)
Machine dimensions	2,531 x 1,925 x 2,663 mm
Machine weight	5,270 kgs

AV-M8G X/Y/Z: 700 / 400 / 350 mm

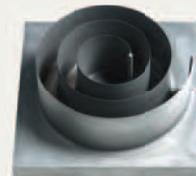
Graphite Cutting and Machining Center



GRAPHITE SHEET
 Height : 40 mm
 Width : 6 mm
 Taper : 0°
 Thickness : 0.08 mm



SMALL CYLINDER
 Top diameter : 0.1 mm
 Bottom diameter : 0.27 mm
 Taper : 0°
 Height : 5 mm



HELIX
 Height : 30 mm
 Taper : 0.3°
 Thickness : 0.1 mm

X.Y.Z-axis travel	700/400/350 mm
Built-in type spindle	36,000 rpm
Spindle nose taper	HSK-E50
Max. table load	800 kgs
Cutting feedrate	1~24,000 mm/min
Automatic tool changer	12 tools (20 tools opt.)
Machine dimensions	2,531 x 1,925 x 2,663 mm
Machine weight	5,270 kgs



VF-3016

X/Y/Z: 3,000 x 1,600 x 1,000 mm

Vertical 5 Axes Machining Center



X.Y.Z-axis travel	3,000 x 1,600 x 1,000 mm
Spindle speed	24,000 rpm
Spindle torque output	67 Nm
Spindle power	42 kw
Workpiece weight	Max. 7,000 kgs/m ²
Feedrate	30,000 mm/min
Table area	3,500 x 1,750 mm
B-axis	+/-100°
C-axis	+/-250°
Machine dimensions	7,500 x 5,225 x 4,870 mm
Machine weight	48,000 kgs

HF-1612

X/Y/Z: 1,600 (1,200, 2,000) x 1,200 x 800 mm

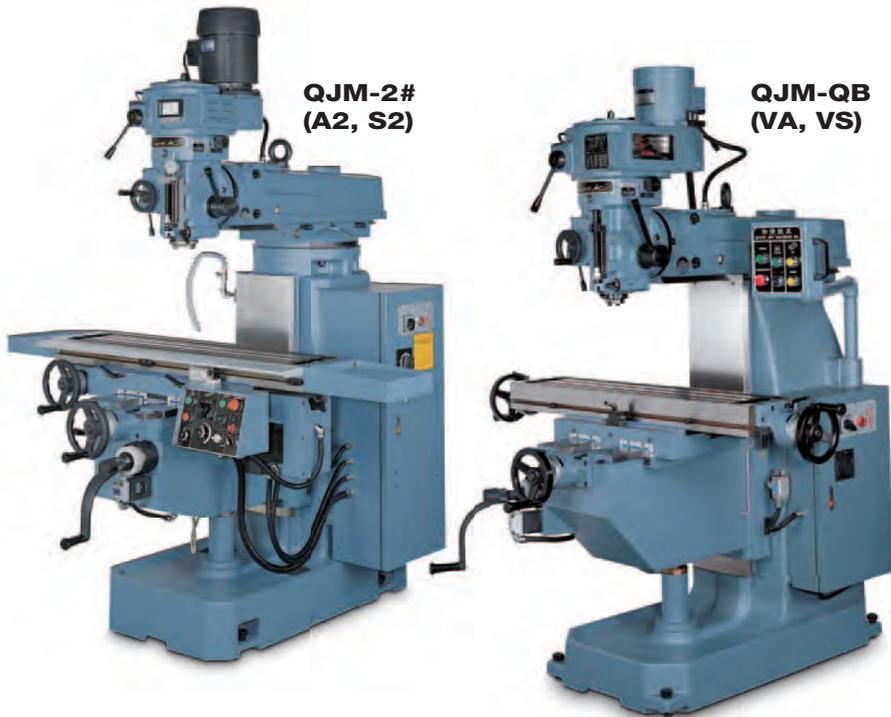
Horizontal 7 Axes Machining Center



X.Y.Z-axis travel	1,600 (1,200, 2,000) x 1,200 x 800 mm
Spindle speed	1~10,000 rpm
Spindle torque output	195 Nm (S1/100%)
Spindle power	25 kw (S1/100%), HSK-100
Workpiece weight	Max. 18,000 kgs
Feedrate	30,000 mm/min
Table area (rotary table)	1,600 x 1,600 mm
A-axis (universal head)	-2/+95°
B-axis (rotary table)	n x 360°
C-axis (universal head)	+/-182°
Machine dimensions	7,430 x 7,945 x 3,587 mm
Machine weight	34,000 kgs

QJM-2# / QJM-QB

Turret Type Vertical Milling Machine



QJM-2#
(A2, S2)

QJM-QB
(VA, VS)



EQUIPMENT FOR MOLD MACHINING (OPTIONAL)

AIR SPINDLE
80,000 RPM



- For upgrading your existing equipment into a high-speed machining era. The spindle speed reaches 8,000 rpm.
- The spindle runs in air bearing to eliminate transmission-backlash problem.

AIR SPINDLE
40,000 RPM



- For upgrading your existing equipment into a high-speed machining era. The spindle speed reaches 4,000 rpm.
- Rigid ceramic bearings provide outstanding cutting performance.

3D ON-LINE
MEASURING SYSTEM



The measuring system allows for direct measuring of workpiece on the machine after machining. The measured values will be compared with that of CAD drawing. This provides a comparison of error between the actual workpiece data and the designed data. In addition, it can be applied for checking tolerance before performing finish cut that saves time waste in ineffective machining.

2D IMAGE MEASURING DEVICE



- This device permits workpiece sizes to be accurately measured on the machine without unloading of the workpiece.

OIL MIST
COOLING UNIT



- The oil mist cooling unit may help to extend tool service life and better finish of cutting surfaces. It avoid poor affection on environment and the operator usually caused by conventional cutting fluid.

OIL MIST
SEPARATOR

- The moval oil mist separator are equipped with 8 layers of filtrating screens. It provides good air quality in the working environment, ensuring the operator's health and upgrading working efficiency.



The manufacturer reserves the rights of design change.

High-Speed, High-Precision



Quick Jet

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