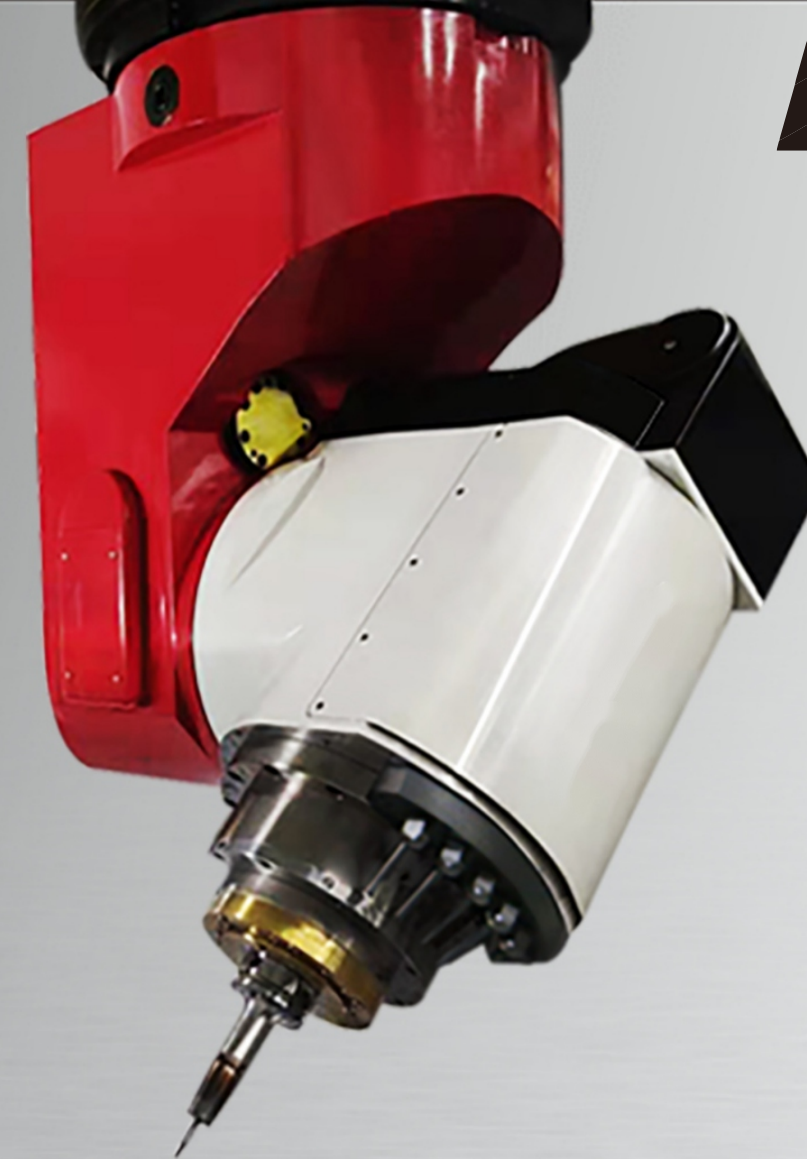


# HMU-2518 Crown Five-axis Machine Tool Technical Parameters

Name	Unit	HMU-2518
CNC controller		HNC-848Di
X/Y/Z-axis travel	mm	1800/2500/800
A/C-axis travel	Degree	±120/250
Distance from spindle end face to worktable (when A-axis is at 0°)	mm	500-1300
Worktable size	Mm	1800x2500
Max. payload	kg	8000
<b>Spindle</b>		
Spindle (standard)		FISCHER
Max. spindle speed/ taper shank	rpm	24000HSK-A63
Max. spindle power	KW	29/38
Torque (S1/S6-40%)	N.m	69.4/86.8
<b>Feed system</b>		
X/Y/Z-axis rapid traverse	m/min	20/20/20
Max. cutting feed rate	m/min	10
A/C-axis rapid traverse speed	rpm	20/20
Positioning accuracy/repeated positioning accuracy (ISO 10791-4:1998)		
X/Y	mm	0.015/0.007
Z	mm	0.008/0.005
A/C	ARCSEC	12/6
<b>ATC</b>		
Number of tools	Pcs	16T/26T/48T
Tool change time (tool-tool)	sec	8s
Max. tool length	mm	300
Max. tool diameter (none adjacent)	mm	Φ80/Φ120
Max. tool weight	kg	8
<b>Machine size</b>		
Height	mm	5600
Covering Area(length x widen)	mm	7950X5360
Net weight	kg	45000
Power	kw	70

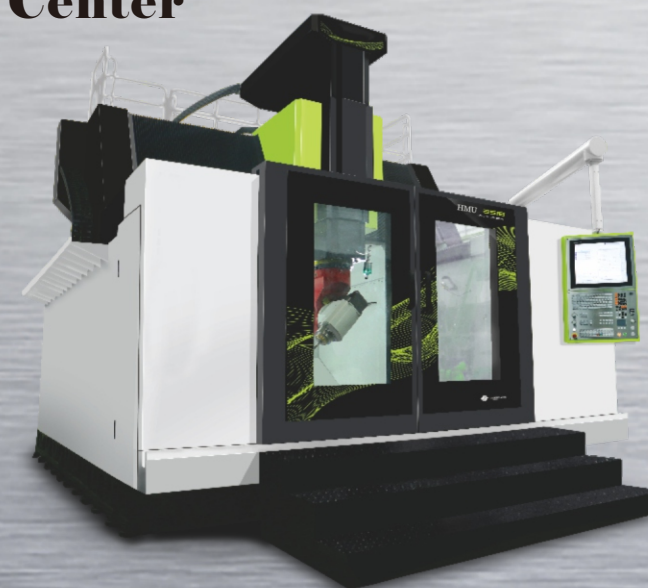
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# HMU-2518

## Crown Five-axis Machining Center



# *Excellence comes from basic instinct*

Achieve precise and efficient processing of large complex workpiece

## ***HMU-2518*** **Crown Five-axis Machining Center**



GTRT offset five-axis spindle head Swiss speed spindle



*High efficient milling technology*

*High rigid bed structure*

*High performance spindle technology*

*GTRT offset spindle head*

- A-axis drive static torque: 1600 N.m
- C-axis drive static torque: 2000 N.m
- A-axis brake torque: 2500 N.m
- C-axis brake torque: 3500 N.m
- Spindle speed: 24000/HSK-A63
- Spindle power (S1/S6-40%): 29/38KW
- Spindle torque (S1/S6-40%): 69.4/86.8 N.m

X/Y/Z axis travel: 1800/2500/800

A/C axis travel: +120/250

Spindle nose to worktable distance

500-1300mm

Worktable size: 1800x2500mm

X/Y/Z rapid traverse: 20/20/20m/min

Maximum cutting feed rate: 10m/min

Machine size: 7950\*5360\*5600

Maximum payload: 8000kg