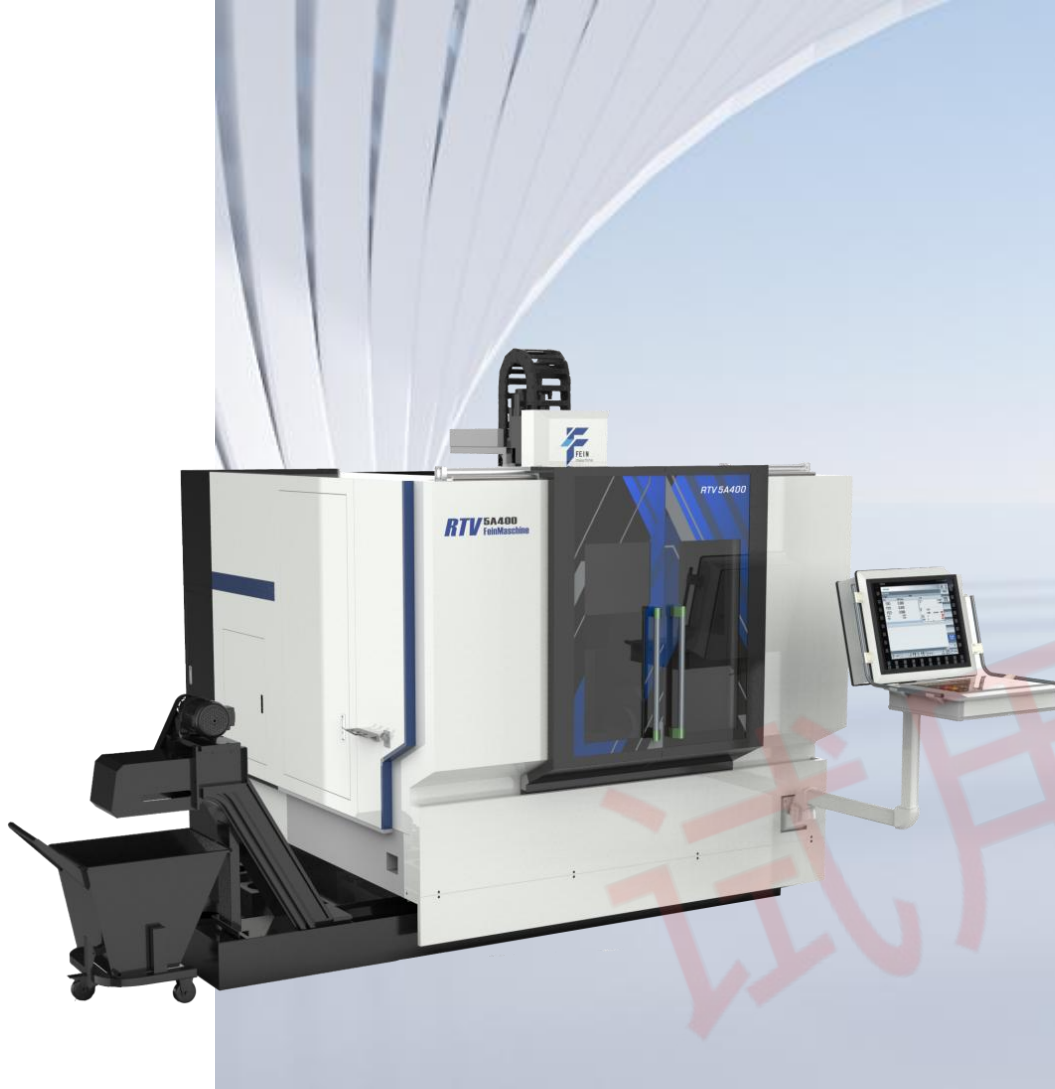




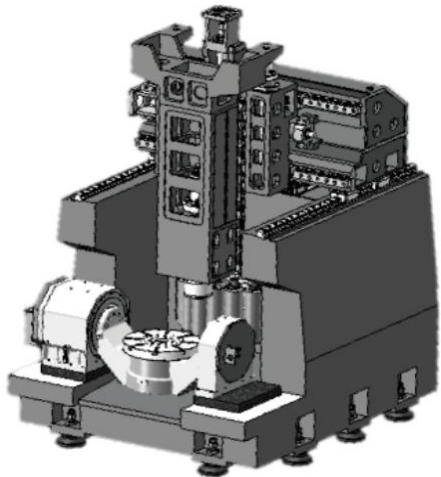
Gantry Mobile Cradle Five-Axis Machining Center

High speed | High torque | Combined turning and milling

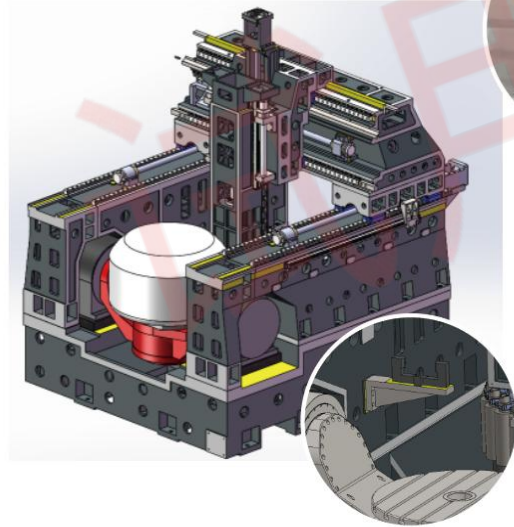
Gantry Movable Cradle Five-Axis Machining Center



RTV5A400



RTV5A630/800



Design Features

- It uses a gantry structure, and the one-piece bed offers high rigidity and excellent dynamic performance; the gantry features a dual-drive four-rail system with internationally advanced synchronous control technology. The travel range is increased, expanding the limits of machining capability. It
- comes with imported high-precision lead screws and large imported roller linear guides. The dual-drive cradle rotary table ensures high precision and dynamic response. The dual-speed, high-torque spindle handles both
- titanium and aluminum alloys, and a gantry-style tool magazine comes standard. The tool setter is fixed on the bed, reducing measurement errors. With absolute linear scales, the machine's accuracy is improved. Spindle design features include the RTV5A630/800 and RTV5A400 models, which
- support turning-milling composite functions; optional turning is available. The cutting holder makes light turning easy.

Gantry Movable Cradle Five-Axis Machining Center

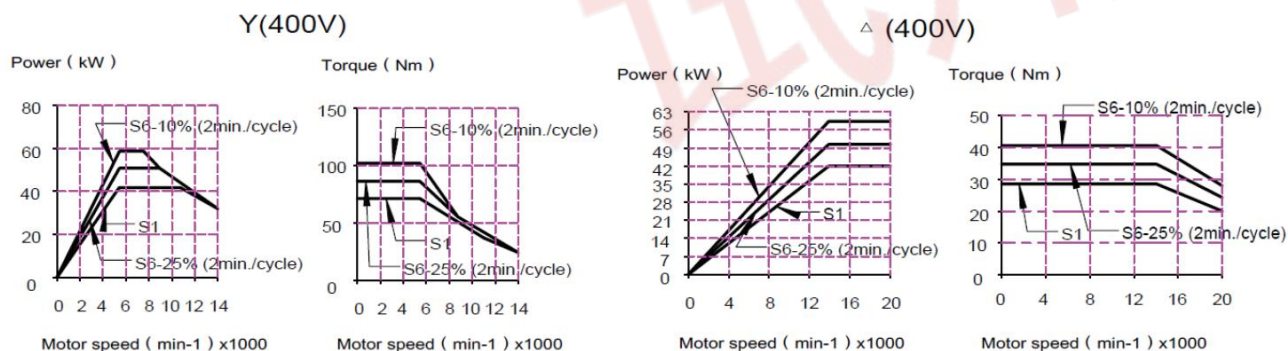
Electric spindle

高转速铣铝无忧，大扭矩铣钛不愁，车削功能我有

Two-speed electric spindle HSK-A63 (RTV5A400)

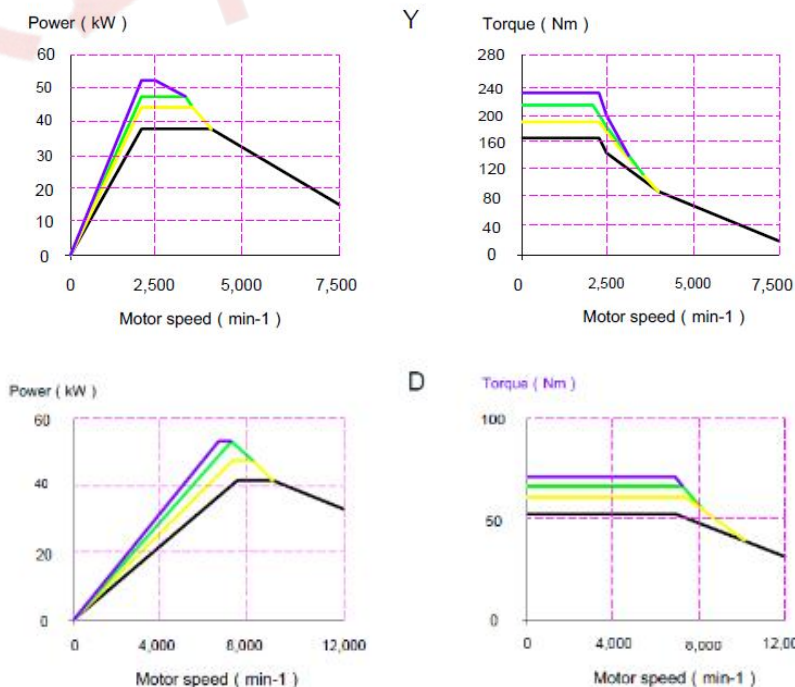
Low speed: 42/50 kW, 71.7/85 Nm, top speed 14,

000 rpm High speed: 42/50 kW, 28.6/33.7 Nm, top
speed 20,000 rpm



Dual-speed electric spindle HSK-A63/A100 (RTV5A630/800)

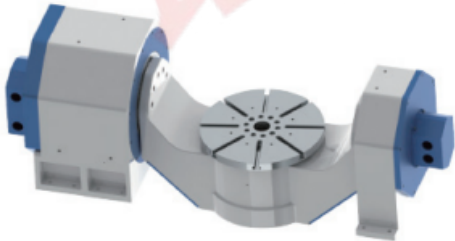
Low speed: 37/45 kW, 163/196.5 Nm,
Max speed 7500 rpm
High speed: 42/50 kW, 54/65 Nm,
Max speed 12000 rpm
Max speed 15000 rpm for A63



Gantry Movable Cradle Five-Axis Machining Center



Direct-drive cradle turntable

Technical Specs	T5A400	T5A630	T5A800
Workbench mm	400	630	800
Swing diameter mm	500	800	1000
A-axis swing angle	±120	±110	±110
C-axis swing angle	n*360	n*360	n*360
图片	Single drive on the A axis 	A-axis dual drive 	A-axis dual drive 

Gantry Movable Cradle Five-Axis Machining Center

Cradle Five-Axis Machining Center Series

Technical Specifications	unit	RTV5A400	RTV5A630	RTV5A800
Workbench size	mm	Φ400	Φ630	Φ800
Maximum load of the workbench	Kg	200	1000	1200
Distance from spindle end face to worktable	mm	150-600	150-760	150-760
X-axis travel	mm	500	1000	1000
Y-axis travel	mm	650	1150	1150
Z-axis travel	mm	450	610	610
spindle		Direct-drive spindle / electric spindle	Direct-drive spindle / electric spindle	Direct-drive spindle / electric spindle
X/Y/Z Axis Rapid Move Speed	m/min	48	48/36	48/36
X/Y/Z Axis Cutting Speed	m/min	48	0-15	0-15
Tool magazine capacity		20	24	24
Positioning accuracy	mm	0.006	0.006	0.006
Repeat positioning accuracy	mm	0.004	0.004	0.004
Weight	t	9	17	18
Typical CNC system configuration		Siemens One;domestically made		

*更多资料请咨询费因