

CORMAX

VMC-CMX6550 GM

GRAPHITE MACHINING

CARE
YOUR
VALUES



HIGH
ACCURACY



RIGID
STRUCTURE



HIGH
PERFORMANCE



RELIABLE
PRODUCTIVITY



PRECISE
MACHINING
Superior accuracy
for fine detailing



STABLE
& RIGID
Heavy-duty structure
for long-term stability



OPTIMIZED FOR
GRAPHITE
Designed for high-speed
graphite machining



MAXIMUM
PRODUCTIVITY
Enhancing efficiency
with advanced technology

www.raisemachinetools.com

Specification	Unit	CMX-6550GM
Travels		
X	mm	650
Y	mm	500
Z	mm	510
Spindle Nose to Table	mm	102–612
Table		
Length	mm	825
Width	mm	500
Max Weight on Table	kg	400
T-Slot Width	mm	5 × 16
T-Slot Center Distance	mm	95
Slide		
X Axis LM / Ball Screw (P × D)	mm	35 / 32 × 10
Y Axis LM / Ball Screw (P × D)	mm	35 / 32 × 10
Z Axis LM / Ball Screw (P × D)	mm	35 / 32 × 10
Spindle		
Spindle Nose (Optional)	-	BT 40
Speed	rpm	10000
Drive System	-	Direct Drive
Front Bearing ID Diameter	mm	70
Bearing Lubrication	-	Grease
Cooling	-	—
Spindle Motor Max Rating (FANUC/ Mitsubishi)	kW	7.5 / 11
Spindle Motor Max Rating (SIEMENS)	kW	7.5 / 9
Axis Motors		
Rapids on Z Axis	m/min	20
Rapids on X & Y Axes	m/min	24
Max Cutting Feed	m/min	10
Tool Changer	-	10 m/min

TOOL CHANGER		
No. of Tools	Nos.	24
Max Tool Dia. (Standard)	mm	89 / 125
Max Tool Weight	kg	7
Changer Type	-	Arm Type

ACCURACY		
Positioning	mm	0.01
Repeatability	mm	0.007
Machine Weight	kg	4500
Guard Dimension – Length	mm	2250
Guard Dimension – Width	mm	2250
Guard Dimension – Height	mm	2685

CONTROL SYSTEM FEATURES :

- Manual Data Input
- Simultaneously Controllable 3 Axes
- Part Program Storage and Editing
- Self Diagnostics
- Multiple Repetitive Cycles
- Feed rate override
- Circular Interpolation
- Absolute / Incremental programming
- RS-232 S port serial interface
- Backlash compensation System
- Parts counter & Run-time Display
- Dynamic Graphic Electronic hand wheel Oriented Spindle Stop USB Port

OPTIONAL :

- Chip Conveyor
- Stabilizer
- Auto Door
- Pallet Changer
- 4th & 5th Axis Table
- Tool Probe
- Spindle Through Coolant
- BT-50 Spindle

STANDARD FEATURES :

- Linear Motion Guideway
- AC Spindle Drive & Servo Drive
- ATC : Automatic Tool Changer
- Centralized Lubrication System
- Electrical Quality Device
- Vaccum Dust Collector

RAISE MACHINE TOOLS PVT. LTD.

Plot No. 79/1/B, Telco Road, S Block, MIDC Bhosari, Pune - 411 026

Contact Details: 8793739020, 7030916083

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