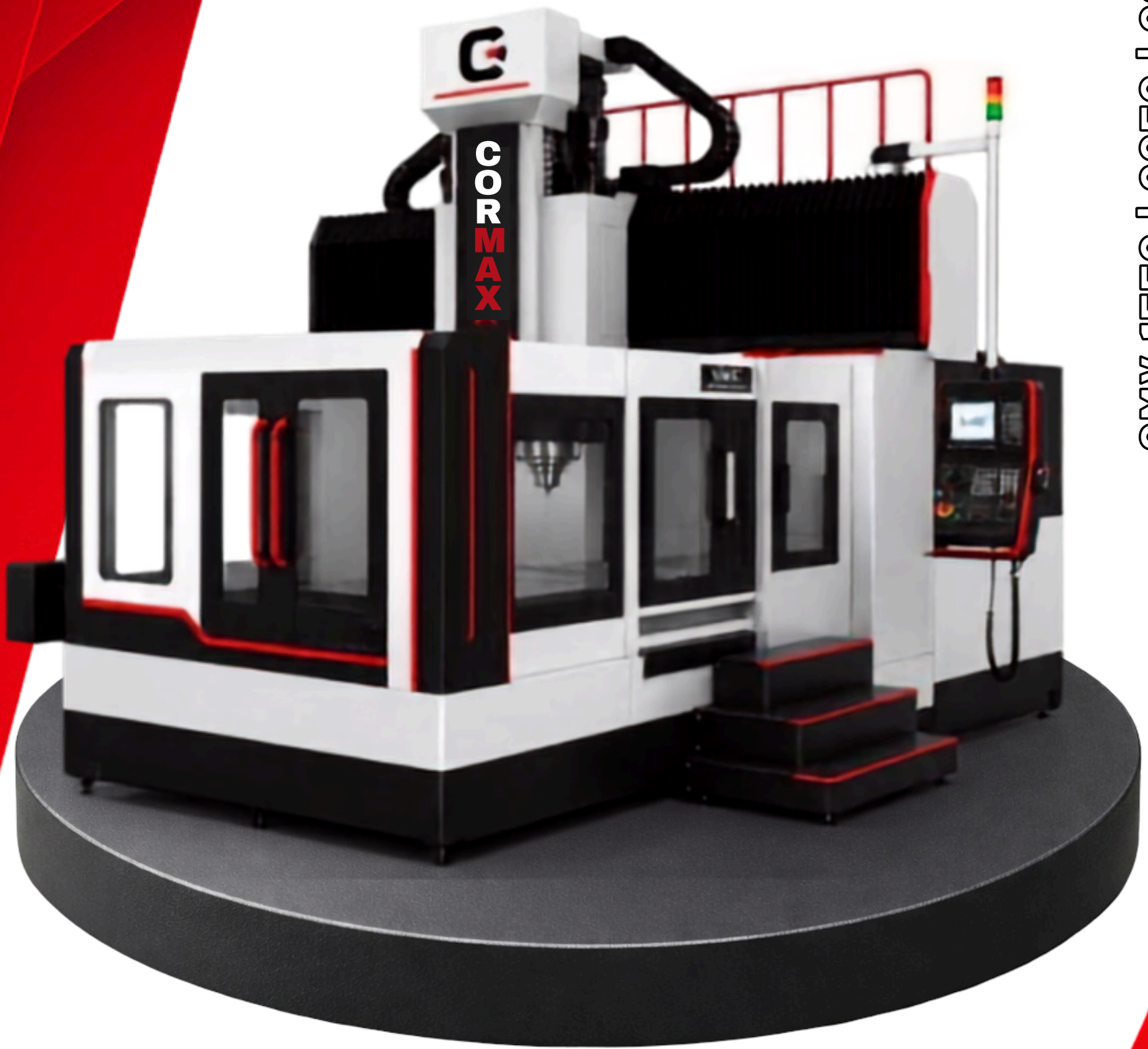


CMX 1550 | 2050 | 2250 | 3250 | 3550 | 4250



DOUBLE COLUMN SERIES

CMX 1550 | 2050 | 2250 | 3250 | 3550 | 4250

DOUBLE COLUMN SERIES

VERTICAL MACHINING CENTER

CMX 1550 | 2050 | 2250 | 3250 |
3550 | 4250

CMX Series Double Column Vertical Machining Center is designed for heavy-duty machining with high rigidity, accuracy and stability. It is ideal for mold, aerospace, automotive, energy and general engineering industries.



HIGH
RIGIDITY



HEAVY DUTY
MACHINING



HIGH
ACCURACY



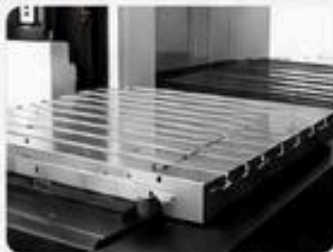
STABLE
PERFORMANCE

STANDARD FEATURES

- Mitsubishi control system
- Rigid Double Column Structure
- LM Guideways/ Box ways on x/v axis
- High Precision Ball Screw
- High Speed Spindle
- Automatic Lubrication System
- Coolant System
- Heat Exchanger for Electrical Cabinet
- LED Work Light
- Full Enclosure with Safety Interlock



HIGH SPEED SPINDLE



HEAVY DUTY TABLE



PRECISION GUIDEWAYS

TECHNICAL SPECIFICATIONS

SPECIFICATION	UNIT	CMX 1550	CMX 2050	CMX 2250	CMX 3250	CMX 3550	CMX 4250
TRAVELS							
X - AXIS	mm	1500	2000	2250	3250	3500	4250
Y - AXIS	mm	1200	1250	1500	1500	2800	2760
Z - AXIS	mm	700	700	800 (1000)	800 (1000)	800 (1000)	800 (1000)
SPINDLE NOSE TO TABLE	mm	150	150	200	200	200	200
DISTANCE BETWEEN TWO COLUMNS	mm	1200	1200	1600	1600	2600	2600
TABLE							
TABLE LENGTH	mm	1750	2000	2200	3000	3500	3500
TABLE WIDTH	mm	900	900	1250	1250	2200	2200
MAX. TABLE LOAD	kg	1800	2500	6000	8000	10000	10000
T - SLOT (WIDTH x NO.)	mm	5 x 18	6 x 18	9 x 18	9 x 18	12 x 12	12 x 12
T - SLOT CENTER DISTANCE	mm	125	125	125	125	160	160
SPINDLE							
SPINDLE TAPER		BT 40	BT 40	BT 50	BT 50	BT 50	BT 50
SPINDLE SPEED (STANDARD)	rpm	8000	8000	6000	6000	6000	6000
DRIVE SYSTEM		Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
SPINDLE MOTOR POWER (FANUC)	kW	11	15	22	22	22	22
SPINDLE MOTOR POWER (SIEMENS)	kW	12	16	32	32	32	32
FEED							
RAPID ON X AXIS	m/min.	15	15	15	15	15	15
RAPID ON Y AXIS	m/min.	20	20	20	15	15	15
RAPID ON Z AXIS	m/min.	20	20	10	10	10	10
CUTTING FEED	mm/min.	10	10	10	10	10	10
ATC (AUTOMATIC TOOL CHANGER)							
TOOL CAPACITY (STANDARD)		24	24	24	24	24	24
MAX. TOOL DIAMETER (FULL / EMPTY)	mm	89/ 125	89/ 125	125/250	125/250	125/250	125/250
MAX. TOOL LENGTH	mm	300	300	300	300	300	300
MAX. TOOL WEIGHT	kg	7	7	15	15	15	15
TOOL CHANGE TIME (T-T)	sec	2.5	2.5	3.0	3.0	3.0	3.0
TOOL CHANGE TIME (C-C)	sec	6.0	6.0	8.0	8.0	8.0	8.0
ACCURACY							
POSITIONING ACCURACY	mm	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
REPEATABILITY	mm	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
MACHINE WEIGHT (APPROX.)	TON	11.5	14.5	20	34.6	37	38.4



MOLD & DIE



AUTOMOTIVE



AEROSPACE



ENERGY

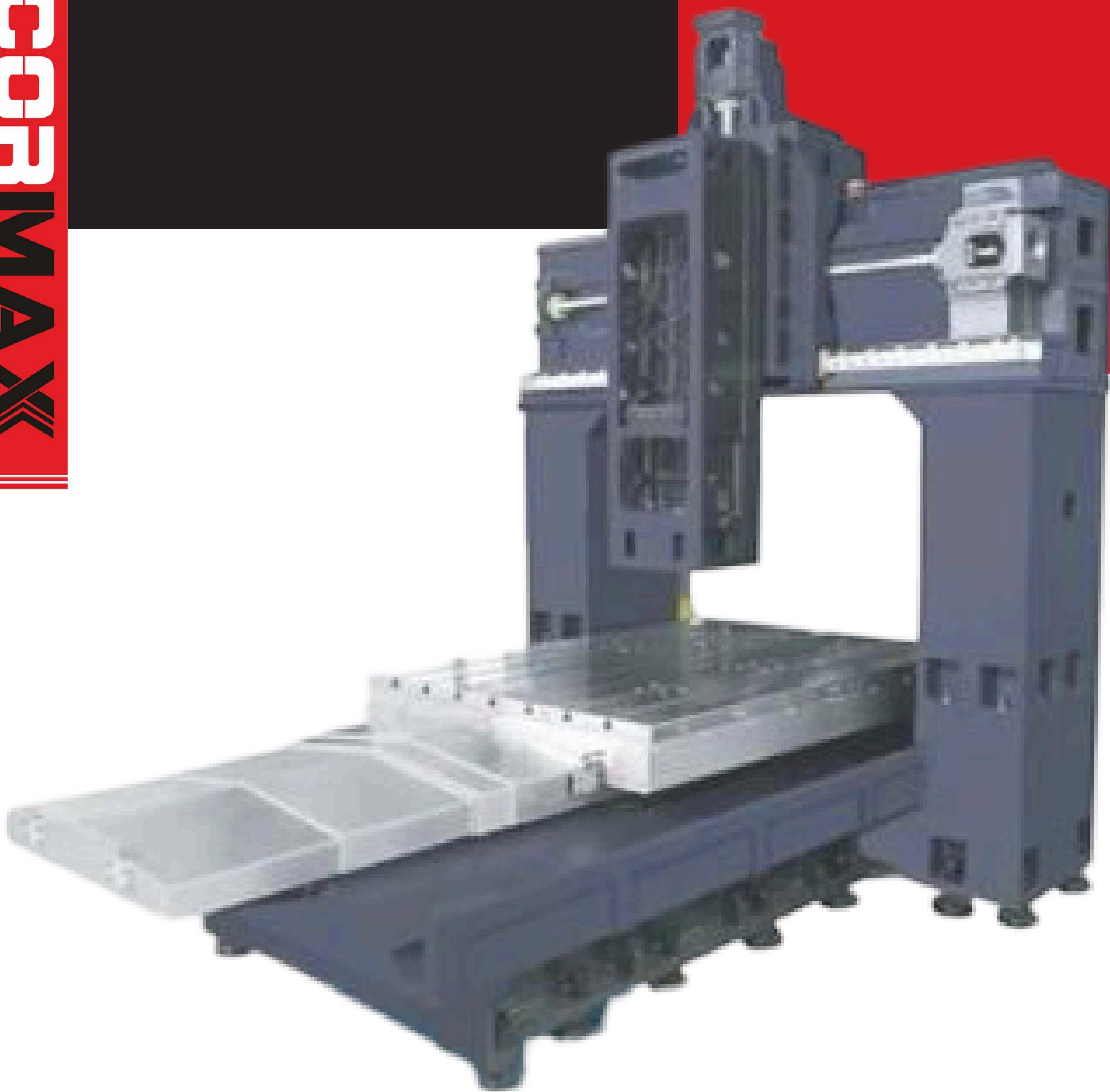


GENERAL
ENGINEERING

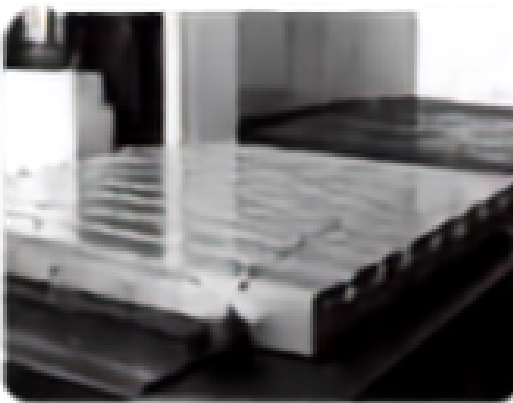
EXCELLENCE IN METAL CUTTING

CORIMAX

CARE YOUR VALUES...



HIGH SPEED SPINDLE



HEAVY DUTY TABLE



PRECISION GUIDESWAY

RAISE MACHINE TOOLS PVT. LTD.



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



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