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celebrating
18
years of success
2006-2024

Milestones on the path to glory...



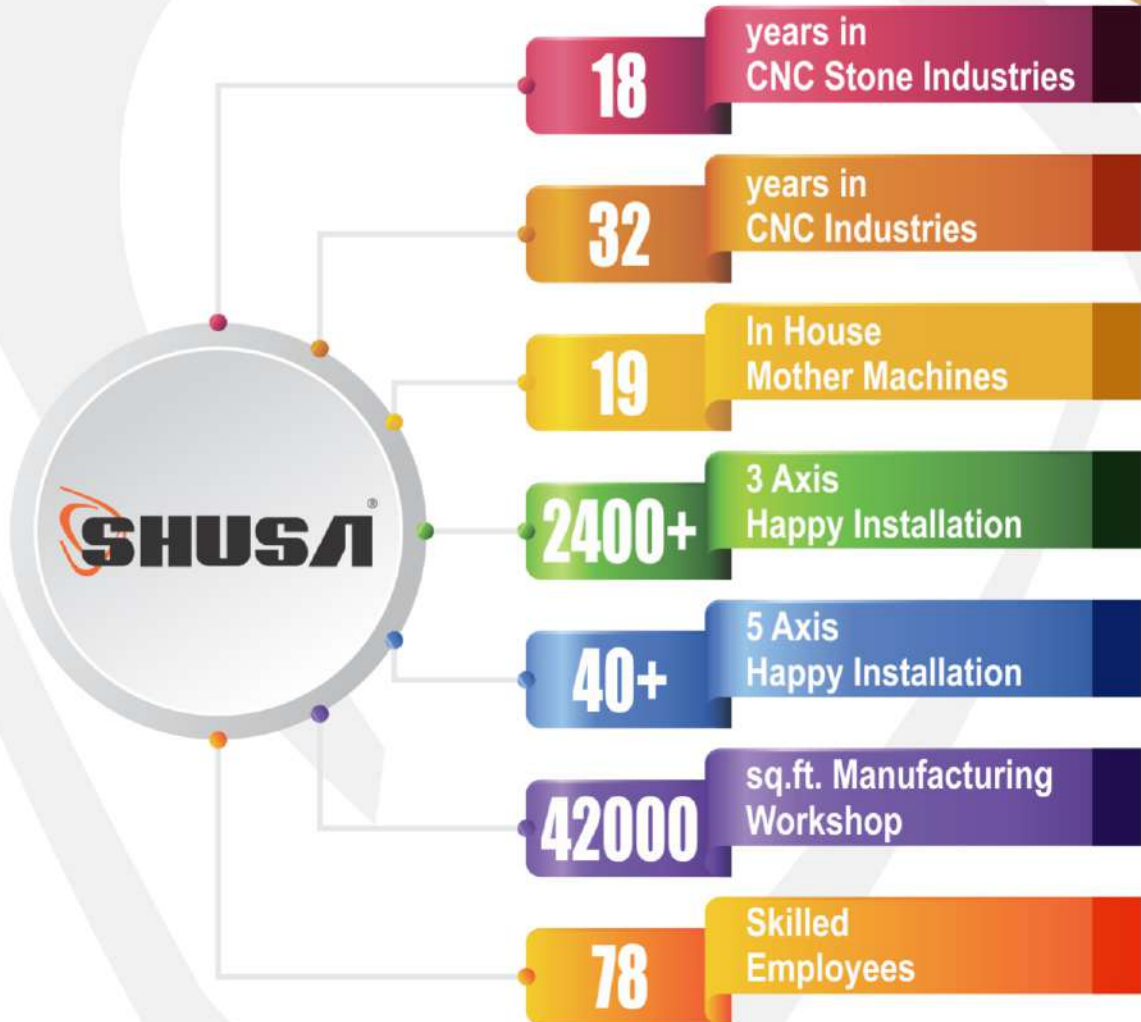
MECHATRONICS

With awards galore, SHUSA is one of the most recognized companies in the CNC STONE Cutting / Carving Industries. Our longstanding reputation is poised to continue with strong growth in the future. We have received innumerable corporate awards that speak for the innovations introduced by us and the various milestones achieved.



- STONE MART Jaipur 2011
- STONA Banglore 2012
- MARMOMAAAC Italy 2013
- STONE MART Jaipur 2013
- MADE IN GUJARAT 2013
- MARMOMAAAC Italy 2014
- STONA Banglore 2014
- STONE MART Jaipur 2015
- MARMOMAAAC Italy 2015
- STONA Banglore 2015
- HANNOVER MESSE Germany 2016
- STONA Banglore 2016
- MARMOMAAAC Italy 2016
- STONE MART Jaipur 2017
- STONA Banglore 2018
- MARMOMAAAC Italy 2018
- STONE MART Jaipur 2019
- MARMOMAAAC Italy 2019
- STONA Banglore 2020
- STONE MART Jaipur 2022
- STONA Banglore 2023
- STOMIN Udaipur 2023
- STONE MART Jaipur 2024





APPLICATIONS

FACES



LETTER WRITING



GLASS CARVING



TILES TEXTURES





THE ALL NEW...

Intaglio



Single Head

1500 W AC Servo Drive Technology

SM 1300 S

CNC Stone Engraving Machine

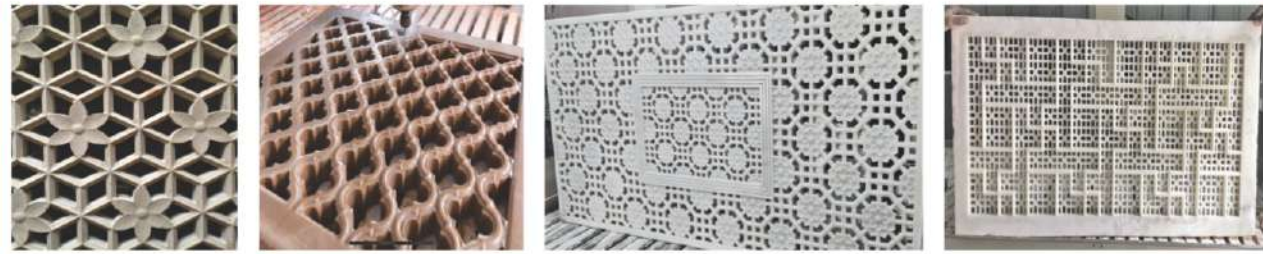
SPECIFICATIONS

Particulars	Specifications
Working Table Size	1400 x 2600 mm
Max Engraving Size	1300 X 2500 mm
Z Axis Movement	330 mm
Gantry Height	430 mm
No Of head	1 head
Max Moving Speed	40,000 mm/min
Motor & Drive	1500 W AC Servo Motor & Drive
Linear Guide	30 mm LM Rail in X Y and Z Axis
Ball Screw	25 mm PMI Taiwan Ballscrew in Z Axis
Z Axis Motor	Z Axis Motor with Break 1500 W
Power Transmission	Heavy duty 24x24 mm Helical Rack Pinion
Self Lubrication System	2 set Automatic with Timer Adjustment
Control System	Control Handle Remote NK105

Particulars	Specifications
Spindle Power	7.5KW/10 HP
Max Spindle Speed	24000 rpm
Spindle Cooling	Water Circulation with Tank & Pump
Cutter Diameter	1mm – 20mm (ER 32 Collet)
Tool Cooling	Water Pump & Slurry Tank
Total Power(kw)	13.5 KW
Machine Levelling	6 Set Anti Vibration Leveling Pad
Covers and Tray	Stainless Steel Covers and Tray
Axis Rail Covers	Bellows Dust & Water proof covers on X & Y Axis
Pen Drive	32 GB
Packing Size	2550 x 3350 x 2140
Gross Weight (kg.)	1810 Kg.

APPLICATIONS

JALI



WALL PANEL



TEMPLE CARVING



WOOD CARVING





THE ALL NEW...

Intaglio



Double Head

1500 W AC Servo Drive Technology

SM 3015 S2

CNC Stone Engraving Machine

SPECIFICATIONS

Particulars	Specifications
Working Table Size	3100 x 1600 mm
Max Engraving Size	3000 X 1500 mm
Z Axis Movement	330 mm / 450 mm
Gantry Height	430 mm / 530 mm
No Of head	2 head
Max Moving Speed	30,000 mm/min
Motor & Drive	1500 W AC Servo Motor & Drive
Linear Guide	30 mm LM Rail in X Y and Z Axis
Ball Screw	25 mm PMI Taiwan Ballscrew in Z Axis
Z Axis Motor	Z Axis Motor with Break 1500 W
Power Transmission	Ultra Precision Planetary Gear Box & Heavy duty 24x24 mm Helical Rack Pinion
Self Lubrication System	3 set Automatic with Timer Adjustment

Particulars	Specifications
Control System	Control Handle Remote NK105
Spindle Power	7.5 KW / 10 HP
Max Spindle Speed	24000 rpm
Spindle Cooling	Water Circulation with Tank & Pump
Cutter Diameter	1mm – 20mm (ER 32 Collet)
Tool Cooling	Water Pump & Slurry Tank
Total Power(kw)	24 KW
Machine Levelling	6 Set Anti Vibration Leveling Pad
Covers and Tray	Stainless Steel Covers and Tray
Axis Rail Covers	Bellows Dust & Water proof covers on X & Y Axis
Pen Drive	32 GB
Gross Weight (kg.)	1910 Kg.
Packing Size	4100 x 2300 x 2210

APPLICATIONS

WALL PANEL



GRANITE TEXTURE



INLAY



TEMPLE CARVING



THE ALL NEW...

Intaglio



Double Head

1500 W AC Servo Drive Technology

SM 2030 S2 / 2530 S2

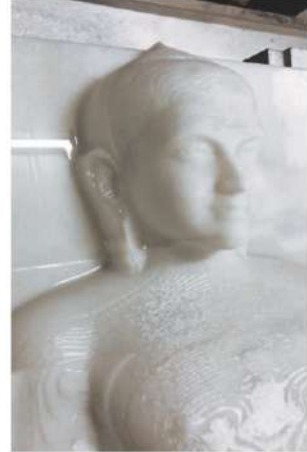
CNC Stone Engraving Machine

SPECIFICATIONS

Particulars	SM 2030 S2	SM 2530 S2	Particulars	Specifications
Working Table Size(mm)	2100 x 3100 mm	2600 x 3100 mm	Max Moving Speed(mm/min)	30000 mm/min
Max Engraving Size(mm)	2000 x 3000 mm	2500 x 3000 mm	Power Transmission	Ultra Precision Planetary Gear Box & Heavy duty 24x24 mm Helical Rack Pinion
Vertical Movement(mm)	330 mm / 450 mm	330 mm / 450 mm	Self Lubrication System	3 Tank-Automatic with Timer Adjustment
Gantry Height(mm)	430 mm / 550 mm	430 mm / 550 mm	Control System	Control Handle Remote NK105
No. Of head	2 head	2 head	Linear Guide	30 mm LM Rail Taiwan in all Axis
Spindle Power(HP)	7.5 KW / 10 HP	7.5 KW / 10 HP	Ball Screw	25 mm PMI Taiwan BallScrew in Z Axis
Spindle Nose	ER 32	ER 32	Spindle Cooling	Water Circulation with Tank & Pump
Cutter/Collet Diameter(mm)	1-20mm (ER 32)	1-20mm (ER 32)	Tool Cooling	Water Pump & Slury Tank
Max Spindle Speed(Rpm)	24000 rpm	24000 rpm	Machine Leveling	6 Set Anti Vibration Levelling Pad
Total Power(kw)	24 KW	24 KW	Motor & Drive	1500 W AC Servo
Gross Weight (kg.)	1980 Kg.	2120 Kg.	Z Axis Motor	Z Axis Motor with Break 1500 W
Covers & Tray	Stainless Steel	Stainless Steel	Axis Rail Covers	Bellows Dust & Waterproof on X&Y Axis
Pen Drive	32 GB	32 GB		

APPLICATIONS

STATUE CARVING



BEAM / PILLAR CARVING



TEMPLE CARVING





THE ALL NEW...
Intaglio



Double Head
Servo Drive Technology

SM 2536 S2 - 4 Axis
CNC Stone Engraving Machine

SPECIFICATIONS

Particulars	Specifications
Working Table Size(mm)	2600 x 3700 mm
Max Engraving Size(mm)	2500 x 3600 mm
Vertical Movement(mm)	600 mm
Gantry Height(mm)	900 mm
No Of head	2 head (Head No.1- 4Axis,Head No.2-3 Axis)
Max Moving Speed(mm/min)	25000 mm/min
Power Transmission	Heavy duty 24x24 mm Helical Reck Pinion Ultra Precision Planetary Gear Box in X Y Axis
X Y Axis Motor Drive	Servo Motor & Drive with Gear Box
Self Lubrication System	Automatic with Timer Adjustment
Control System	Control Handle Remote NK105 G3

Particulars	Specifications
Spindle Power(HP)	7.5Kw/10 HP / ER 32
Max Spindle Speed(Rpm)	24000 rpm
Spindle Cooling	Water Circulation with Tank & Pump
Cutter Diameter(mm)	1mm – 20 mm
Tool Cooling	Water Pump & Slury Tank
Total Power(kw)	24 KW
Machine Structure	Machined Steel Structure
Cooling System	Circulation Water
Gross Weight (kg.)	2950 Kg
Machine size(mm)	4600 x 3650 x 2900mm
4Th Axis	_+/- 95 degree

APPLICATIONS

GROOVING FLUTING



MOULDINGS



PROFILING



PROFILING



THE ALL NEW...

Profilo



Double Head

1500 W AC Servo Drive Technology

SM 2030 SB

CNC Stone Engraving & Profiling Machine

SPECIFICATIONS

Particulars	Specifications
Working Table Size	2100 x 3100 mm
Max Engraving Size (Tool)	1550 X 3000 mm
Max Profiling Size(Blade)	1550 X 3000 mm
Z Axis Movement	330 mm / 450 mm
Gantry Height (mm)	430 mm / 530 mm
No Of head	2 head
Head 1	Spindle for Tool Carving 7.5KW/10 HP / 24000 Rpm ER 32 / 1 to 20 mm Tool Clamping
Head 2	Blade for Profiling 13 HP / 3000 Rpm 450mm Blade Dia/50mm shaft dia.
Motor & Drive	1500 W AC Servo Motor & Drive
Linear Guide	30 mm LM Rail in X Y and Z Axis
Max Moving Speed	Z axis : 3 mtr/min

Particulars	Specifications
Z Axis Motor	Z Axis Motor with Break 1500 W
Power Transmission	Ultra Precision Planetary Gear Box & Heavy duty 24x24 mm Helical Rack Pinion
Self Lubrication System	3 set Automatic with Timer Adjustment
Control System	Control Handle Remote NK105
Spindle Cooling	Water Circulation with Tank & Pump
Tool Cooling	Water Pump & Slurry Tank
Total Power(kw)	24 KW
Machine Leveling	6 Set Anti Vibration Leveling Pad
Covers and Tray	Stainless Steel Covers and Tray
Axis Rail Covers	Bellows Dust & Water proof covers on X & Y Axis
Pen Drive	32 GB
Gross Weight (kg.)	2080 Kg
Packing Size	4000 x 3100 x 2210



...carving your imaginations

NEW LAUNCH...

Profilo



**SM 2536 S2B2
CNC Stone Engraving &
Profiling Machine**

**Double Head
1500 W AC Servo Drive Technology**

SPECIFICATIONS

Particulars	Specifications
Working Table Size(mm)	2600 x 3700 mm
X Axis Stroke	2500 mm
Y Axis Stroke	3600 mm
Z Axis Movement(mm)	450 mm
Gantry Height(mm)	800 mm
No Of head	2 head
Head 1	Spindle-Tool Carving & Blade-Profiling
Head 2	Spindle-Tool Carving & Blade-Profiling
Spindle Details	10 HP // 24000 Rpm // ER 32
Blade Details	13 HP/3000 Rpm//450 mm Blade Dia//50 mm hole
Motor & Drive	1500 W AC Servo Motor & Drive
Linear Guide	30 mm LM Rail in X Y and Z Axis
Max Moving Speed	Z axis : 3 mtr/min
Z Axis Motor	Z Axis Motor with Break 1500 W

Particulars	Specifications
Power Transmission	Ultra Precision Planetary Gear Box & Heavy duty 24x24 mm Helical Rack Pinion
Self Lubrication System	3 set Automatic with Timer Adjustment
Control System	Control Handle Remote NK105
Spindle Cooling	Water Circulation with Tank & Pump
Tool Cooling	Water Pump & Slurry Tank
Total Power(kw)	24 KW
Machine Leveling	6 Set Anti Vibration Leveling Pad
Covers and Tray	Stainless Steel Covers and Tray
Axis Rail Covers	Bellows Dust & Waterproof covers on X&Y Axis
Pen Drive	32 GB
Gross Weight (kg.)	2380 Kg
Packing Size	4600 x 3600 x 2410

NEW LAUNCH

Profilo



CUBO 625

CNC Bridge Saw Cutting & Profiling Machine

SPECIFICATIONS

Particulars	Specifications
Working Table Dimension	3200 mm x 2000 mm (126 inchx78.5 inch)
Cutting Stroke of Blade-X AXIS	3350 mm (132 inch)
Cutting Stroke of Blade-Y AXIS	2290 mm (90 inch)
Z Axis Stroke of Blade	400 mm
Max Blade Rotation- C AXIS	0 to 360 Degree
Blade Tilting Capacity - A Axis	0 & 45 Degree
Max Diameter Of Blade	625 mm
Blade Hole Diameter	50 mm
Blade Locking Flange Diameter	200 mm
Max Cutting Depth	200 mm

Particulars	Specifications
Max Machine Moving Velocity	15 mtr/min
Power Of Blade Motor	22 KW
Max Blade Speed	3000 Rpm
Variable Speed of Blade	Yes
Water Consumption at 2 bar	30 litre / minute
Total Machine Power	30 KW
Machine Outer Size	5500 x 3300 x 3500 mm
CAD CAM Software	Inbuilt CAM Software with PolyGone Cutting Feature
Tilting Table (Optional)	0 to 85 degree with Hydraulic Pump
Camera (Optional)	High resolution with Online cutting feature

APPLICATIONS

PROFILING & MOLDING



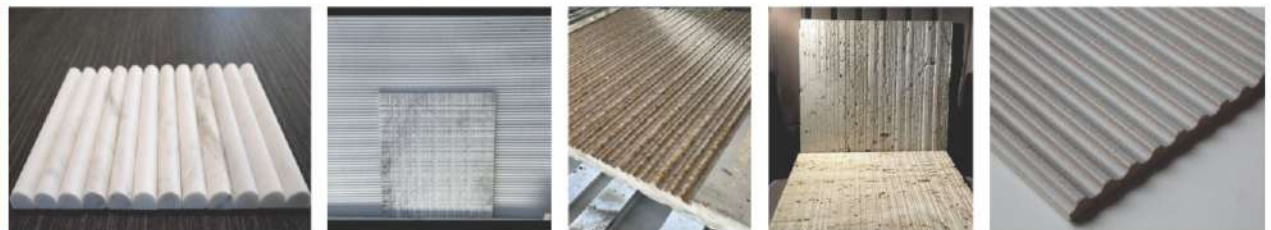
SHAPE CUTTING



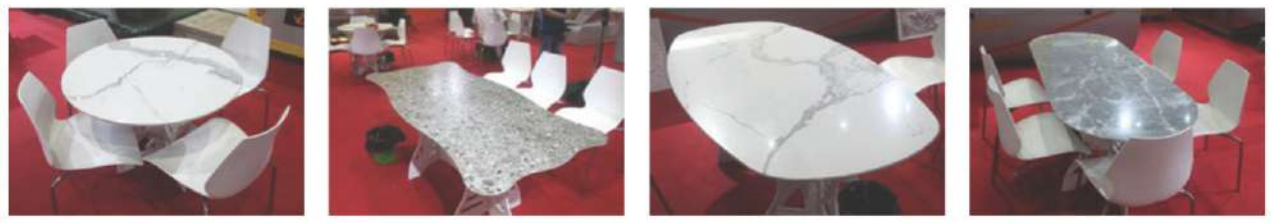
COUNTER TOP



GROOVING FLUTING



MARBLE FURNITURE



ADVANCED FEATURES

CUBO 625



45° Cutting



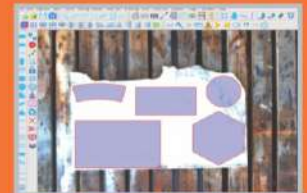
True Position
Camera



18" Touchscreen
Graphics Display



CAD CAM
USB Port
LAN Connection



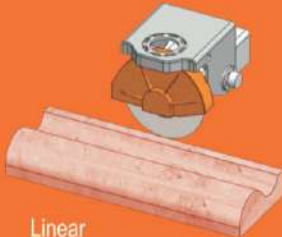
True Position Camera Cutting



Orthogonal Cuts



Polygon Cuts



Linear
Profile & Shape



Angular
Profile & Shape



Blade Diameter
Sensor



C Axis - 360°



X Axis - 3200



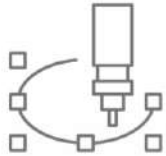
Y Axis - 2200



Z Axis - 400



A Axis - 0° & 45°



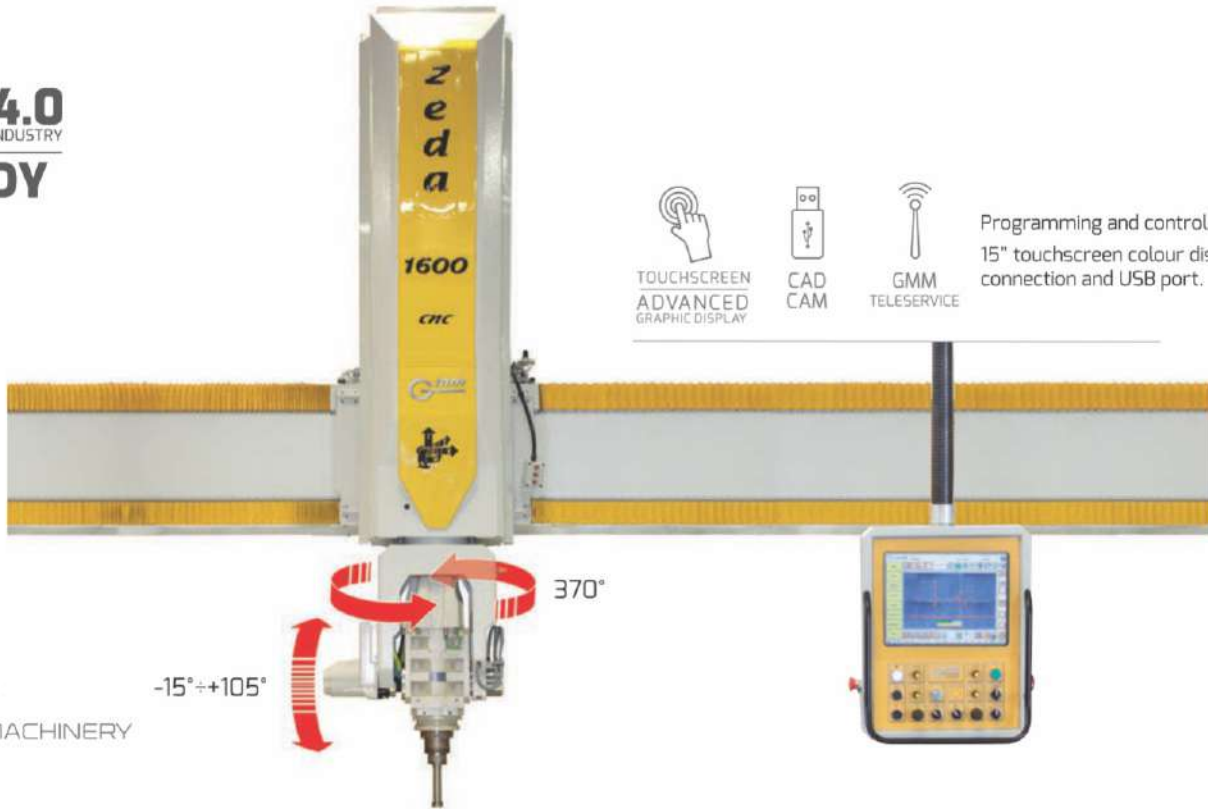
CNC
TECHNOLOGY



Zeda CN2

STONE MACHINERY





Zeda CN2

-15°/+105°

370°

STONE MACHINERY

TECHNICAL DATA

CUTTING STROKE OF THE BLADE (X AXIS)	3900 mm	POWER OF THE BLADE MOTOR	28,5 (S 6) kW
MAXIMUM BRIDGE TRASLATION (Y AXIS)	3650-5260-6780 mm	SPINDLE SPEED OF ROTATION	400+6000 rpm
MAXIMUM VERTICAL TRAVEL OF THE BLADE (Z AXIS)	1300-1600-2000 mm	SLIDE CUT SPEED (X AXIS)	0+35 m/min
MAX ANGLE OF TILT HEAD (R AXIS)	-15°/+105°	BRIDGE TRANSLATION SPEED (Y AXIS)	0+35 m/min
MAXIMUM BLADE ROTATION (W AXIS)	0°+370°	VERTICAL MOVEMENT SPEED (Z AXIS)	0+7,5 m/min
MAXIMUM VERTICAL BLADE DIAMETER	925-1300* mm	TIME TO ROTATE HEAD 90° (W AXIS)	1,5 sec
BLADE HOLE DIAMETER	60 mm	WATER CONSUMPTION AT 3 BAR	50 l/min
BLADE LOCKING FLANGE DIAMETER	250 mm	AIR CONSUMPTION AT 6 BAR	5 l/min
MAXIMUM CUTTING DEPTH	335-520* mm	TOTAL MACHINE MASS	7500 kg
TABLE DIMENSION	2000 x 3500 mm	MACHINE PACKING DIMENSIONS	40' O.T. container

*OPTIONAL

APPLICATIONS





THE ALL NEW...

Roto



Double Head

SM 3036 SB R600

1500 W AC Servo Drive Technology

CNC Stone Rotary Profiling & Carving Machine

SPECIFICATIONS

Particulars	Specifications
CNC Lathe Stone Diameter	Max 600 mm- Min 100 mm
CNC Lathe Stone Length	Max 3000 mm - Min 300 mm
Max Engraving Size on Table	3000 mm x 1200 mm
Np Of Head	2
Cutting Stroke of Blade X Axis	2200 mm
Cutting Stroke of Blade Y Axis	3600 mm
Max vertical Travel of Blade Z axis	450 mm
Controller	4 axis Controller with Computer & 17" screen
Power Transmission	Ultra Precision Planetary Gear Box & Heavy duty 24x24 mm Helical Rack Pinion
Self Lubrication System	3 set Automatic with Timer Adjustment
Motor Drive	1500 W Servo motor & Drive in all Axis

Particulars	Specifications
Blade Spindle Power	13HP
Max Blade RPM	3000 Rpm
Tool Spindle Power(HP)	10 HP
Max Tool Spindle Speed(Rpm)	24000 rpm
L M Guide	30 mm LM Guide in all Axis
Blade Cutter Diameter	450 mm
Tool Diameter	1-20 mm
Total Power(kw)	26 KW
Profiling On CNC lathe	Yes
Profiling On Fix Table	Yes
Carving on CNC Lathe	Yes
Carving On Fix Table	Yes
Engraving Table Size (Optional)	3000 mm x 1200 mm

ROBOT

**Robot for
Statue, Pillar, Profiling & Carving**



6-Axis Robot

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