




**COMPETENCE**  
MACHINE TOOLS



Creating  
**OPPORTUNITY**  
For all.

### WHY US?

- INNOVATION
- ON TIME DELIVERY
- GOOD REPUTATION
- REASONABLE PRICE
- EXPERIENCED STAFF
- PERFECT AFTER SALES SERVICE
- RESPECT EMPLOYEES
- PROVIDE GOOD DEVELOPMENT

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An ISO 9001 : 2015 CERTIFIED COMPANY  
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**COMPETENCE**  
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We, At Competence Machine Tools, Focus On Manufacturing High-quality Machines That Provide Our Clients With The Best Work Experience. Our Founder, Mr. Maulik Vanpariya, Is Always Concerned About Customer Relations And The Quality Of The Products We Produce. Coming From The Mechanical Engineering Field, He Is Exceptional In All Technical Aspects Of The Product. Under His Leadership, The Company Witnessed Phenomenal Success.

We Strongly Believe In Healthy Customer Engagement. We Believe That A Satisfied Customer Is The Best Source of Advertisement. We Also Make Sure That The Client Gets Satisfactory After-sales Services.

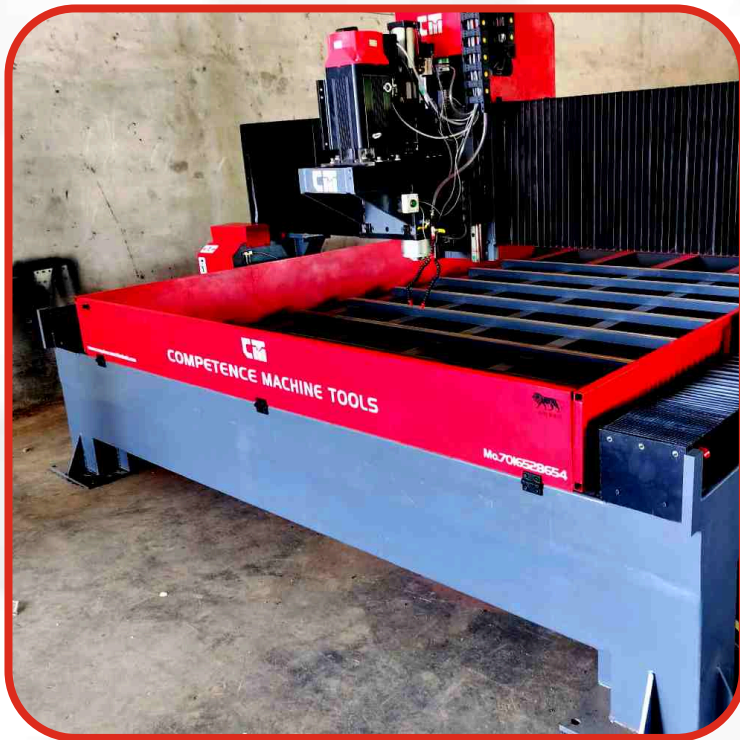
COMPETENCE MACHINE TOOLS





## TECHNICAL SPECIFICATION

WORKING AREA	X=1500/2000/3000 mm
	Y=1500/2000/3000 mm
	Z=200 mm
TRANSMISSION	X= Helical Rack / Ball Screw
	Y= Helical Rack / Ball Screw
	Z= Ball Screw
AXIS MOTOR	Servo
DRIVE SYSTEM	Planetary Gear box
LINEAR GUIDE RAIL	45/55 mm LM Guide
SPINDLE TYPE	BT 40/50 CTS
SPINDLE RPM	6000 rpm
SPINDLE MOTOR	7.5 / 9 /11 KW Servo motor
MACHINE ACCURCY	50 To 80 micron
CNC CONTROLLERS	ADTECH/MITSHUBISHI/equivalent
WORKING COMMAND	G-CODE
LUBRICATION	Auto operated pump



## APPLICATION OF MACHINE

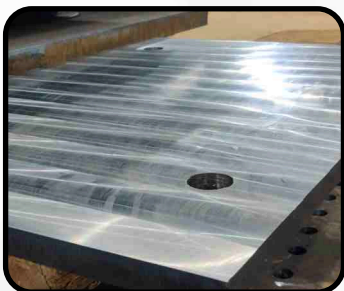
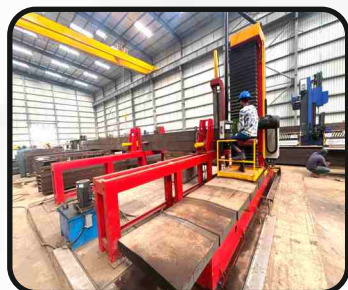
## OPTIONAL ACCESSORIES





## TECHNICAL SPECIFICATION

WORKING AREA	X=1000/1500 mm
	Y=2000/3000 mm
	Z=300 mm
TRANSMISSION	X= Helical Rack / Ball Screw
	Y= Helical Rack / Ball Screw
	Z= Ball Screw
AXIS MOTOR	Servo
DRIVE SYSTEM	Planetary Gear box
LINEAR GUIDE RAIL	45/55 mm LM Guide
SPINDLE TYPE	BT 40/50 CTS
SPINDLE RPM	6000 rpm
SPINDLE MOTOR	7.5 / 9 /11 KW Servo motor
MACHINE ACCURCY	50 To 80 micron
CNC CONTROLLERS	PLC - HMI
WORKING COMMAND	G-CODE
LUBRICATION	Auto operated pump



## APPLICATION OF MACHINE





# CNC PLASMA CUTTING MACHINE



## TECHNICAL SPECIFICATION

WORKING AREA	X=1.5/2/2.5/3 m
	Y=4/6/12/16 m
TRANSMISSION	X= Helical Rack
	Y= Helical Rack
AXIS MOTOR	Stepper / Easy Servo / Servo
DRIVE SYSTEM	Planetary Gear box
LINEAR GUIDE RAIL	24 kg steel rail/25 mm LM Guide
POWDER SOURCE	HYPERTHERM/LGK/FAIR ARC
CUTTING CAPACITY	Depends on source rating
HIGH CONTROLLER	FLMC 2300B
CNC CONTROLLERS	G-CODE
LUBRICATION	Auto / Manual



## APPLICATION OF MACHINE

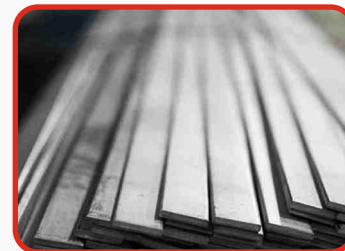
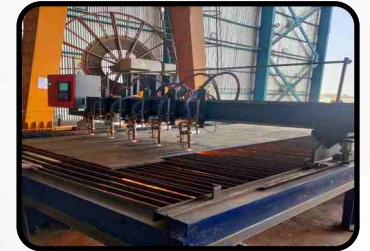
## OPTIONAL ACCESSORIES





## TECHNICAL SPECIFICATION

WORKING AREA	X= 1.5/2/2.5/3 m
	Y= 4/6/12/16 m
TRANSMISSION	X= Helical Rack
	X= Helical Rack
	Z= lifter
AXIS MOTOR	Stepper / Easy Servo / Servo
DRIVE SYSTEM	Planetary Gear box
LINEAR GUIDE RAIL	24 kg steel rail / 25 mm LM Guide
NO OF STATION FOR STRIP CUTTING	4/6/As per requirement
HIGHT CONTROLLER	Capacitance hight control
CNC CONTROLLERS	FLMC 2300B
WORKING COMMAND	G-CODE
LUBRICATION	Auto / Manual



## APPLICATION OF MACHINE

## OPTIONAL ACCESSORIES



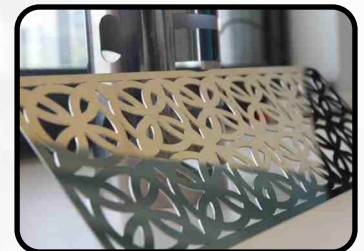
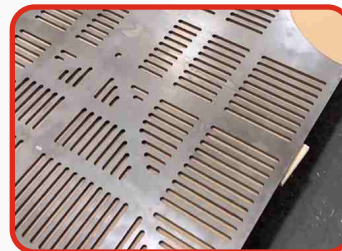


# CNC FIBER LASER CUTTING MACHINE

## TECHNICAL SPECIFICATION



WORKING AREA	X=1500/2000 mm
	Y=2000/3000 mm
TRANSMISSION	X&Y Transmitted By Ground Helical Rack
AXIS MOTOR	Servo
DRIVE SYSTEM	Planetary Gear box
LINEAR GUIDE RAIL	25 mm LM Guide
LASER POWER	1/1.5/2/3/6 KW RAYCUS/MAX
LASER HEAD	Raytools / Wsx
MAX TRAVEL SPEED	60000 mm/min
MACHINE ACCURCY	20 micron / 1000 mm
MAXIMUM ACCELERATED SPEED	1.0G
CNC CONTROLLERS	CX 2000
WORKING COMMAND	G-CODE
LUBRICATION	Auto / Manual



## APPLICATION OF MACHINE

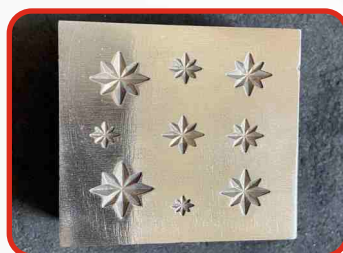
## OPTIONAL ACESSORIS





## TECHNICAL SPECIFICATION

WORKING AREA	X=300/400/600 mm
	Y=300/400/600 mm
	Z=200 mm
TRANSMISSION	X= Helical Rack
	Y= Helical Rack
	Z= Ball Screw
AXIS MOTOR	Stepper/Easy Servo/Servo
DRIVE SYSTEM	Belt Pully/Planetary Gear box
LINEAR GUIDE RAIL	25 mm LM Guide
SPINDLE TYPE	3.2/5.5 kw (Water cooled)
SPINDLE RPM	18000 to 24000
MAX TRAVEL SPEED	30000 mm/min
MACHINE ACCURCY	100 micron
CNC CONTROLLERS	DSP WEIHONG NK 105
WORKING COMMAND	G-CODE
LUBRICATION	Auto / Manual



## APPLICATION OF MACHINE

## OPTIONAL ACCESSORIES



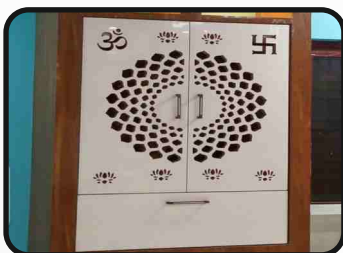


# CNC PATTERN MAKING MACHINE

## TECHNICAL SPECIFICATION

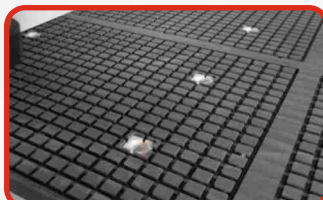


WORKING AREA	X=1250/1250/1830 mm
	Y=2500/3050/3650 mm
	Z=200 mm
TRANSMISSION	X= Helical Rack
	Y= Helical Rack
	Z= Ball Screw
AXIS MOTOR	Stepper / Easy / Servo / Servo
DRIVE SYSTEM	Belt Pully / Planetary Gear box
LINEAR GUIDE RAIL	25 mm LM Guide
SPINDLE TYPE	3.5 / 4.5 / 6 kw (Air cooled)
	3.2 / 5.5 kw (water cooled)
SPINDLE RPM	18000 to 24000
MAX TRAVEL SPEED	30000 mm/min
MACHINE ACCURACY	100 micron
CNC CONTROLLERS	DSP
WORKING COMMAND	G-CODE
LUBRICATION	Auto / Manual



## APPLICATION OF MACHINE

## OPTIONAL ACCESSORIES





# OTHER PROJECTS



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## OTHER PROJECTS





# COMPETENCE

## MACHINE TOOLS

### PRODUCT RANGE

- ❖ CNC DRILLING MACHINE
- ❖ CNC FACE MILLING MACHINE
- ❖ CNC PLASMA CUTTING MACHINE
- ❖ CNC STRIP & PROFILE CUTTING MACHINE
- ❖ CNC FIBER LASER CUTTING MACHINE
- ❖ CNC METAL DIE MAKING MACHINE
- ❖ CNC PATTERN MAKING MACHINE

**WE CAN PROVIDE SPECIFIC SOLUTIONS FOR SPECIFIC APPLICATIONS**



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