

A background image showing a close-up of a laser cutting process in an industrial setting. Bright orange sparks are being ejected from a cutting head as it moves across a metal surface. The image is partially obscured by large, overlapping white and grey curved shapes that frame the text.

A Company Of Quality

PARATECH



INDIAN MANUFACTURER & EXPORTER

YOUR PRODUCT DESERVES BEST
WITH **PARATECH**

FIBER LASER MARKING & ENGRAVING MACHINE

PARATECH
INDUSTRIES



SPECIFICATION:

LASER TYPE	PULSED FIBER LASER
WORKING AREA	100X100, 175X175, 250X250, 300X300 MM & CUSTOMIZED
LASER POWER	20, 30, 50, 60, 100 W
OPERATING SYSTEM	WIN 7/8/10/11
SUPPORTED FILE	PLT, DXF, BMP, JPG, GLF, PNG.
WORKING VOLT	SINGLE PHASE 220-230V/50HZ (EARTHING REQ)
WAVELENGTH	1064 nm
POWER ADJUSTING RANGE	1~100%
MAX. LINEAR SPEED	MAX 12000 MM/S
MIN. CHARACTER HEIGHT	0.1 MM

WHICH MATERIALS YOU CAN MARK !!

SS, MS, ALUMINIUM, CAST IRON, PLASTIC, GOLD, SILVER, PLATINUM, COATED GLASS, BRONZE, TITANIUM, COPPER, BRASS, CARBIDE, NON TRANSPARENT ACRYLIC & MORE...



FIBER LASER CUTTING MACHINE

PARATECH
INDUSTRIES



METAL SHEET AND TUBE FIBER LASER CUTTING MACHINE

CUTTING SAMPLES



SPECIFICATION:

FIBER LASER SOURCE	IPG / RAYCUS / MAX - 500W/1KW/ 1.5KW/2KW/3KW/5KW
LASER HEAD	SWISS RAYTOOLS LASEER HEAD
TRANSMISSION SYSTEM	DUAL DRIVE PRECISE AND PINION
GUIDE RAIL	TAIWAN HIWIN
RACK & PINION	TAIWAN YYC
SPEED REDUCER	JAPAN SHIMPO
SERVO MOTOR	JAPAN YASKAWA
WATER CHILLER	HANLI
CONTROL SYSTEM	CYPCUT
PROPORTIONAL VALVE	JAPAN SMC
AUXILIARY PARTS	XHAUST FAN
ELECTRONICS	FRANCE SCHNEIDER
COMPUTER	YES
AUTO LUBRICATION	YES
WIRELESS HANDLE CONTROL	YES
WORKING AREA (L*W)	1500 X 3000
X/Y AXIS REPEATED POSITION PRECISION	+0.02MM
MACHINE GROSS WEIGHT	3.0T
VOLTAGE	THREE-PHASE 380V 50/60HZ



HANDHELD FIBER LASER WELDING MACHINE



SPECIFICATION:

MODEL	OPERATING TEMPERATURE(°C)
LASER SOURCE	1000W / 1500W / 2000W
RATED OUTPUT	1000W / 1500W / 2000W
MAX OUTPUT POWER	1070 (+-10NM)
CLEANING WIDTH	0-150MM
VOLTAGE	220V/380V+-20V
INDICATORS LIGHT	RED LIGHT
COOLING METHOD	WATER COOLING
MAX PRESSURE	1.0MPA
TOTAL POWER	5120W/5580W , 7120W/7580W , 8720W
WORKING MODEL	CONTINUOUS / MODULATION
WORKING ENVIRONMENT	FLAT,NO VIBRATION AND SHOCK
WORKING HUMIDITY(%)	<70
OPERATING TEMPERATURE(°C)	10-40°C

JEWELLERY CUTTING MACHINE

**PARATECH
INDUSTRIES**



SPECIFICATION:

LASER TYPE	GERMAN SOURCE
CUTTING SIZE	100X100 MM & CUSTOMIZED
CUTTING DEPTH	0.01 MICRON - 1.5MM
OPTIONAL ATTACHMENT	ROTARY / FUME EXTRACTOR
WORKING VOLT	SINGLE PHASE 220-230V/50HZ (EARTHING REQ)



LASER SPOT WELDING / SOLDERING MACHINE



SPECIFICATION:

MODEL NAME	ITALICA
OUTPUT POWER	200W
SINGLE-PULSE ENERGY	160 J
MACHINE DESIGN TYPE	DESKTOP / VERTICAL
LASER SOURCE	ND:YAG
LASER WAVELENGTH	1064 NM
PUMP LAMP	PULSED XENON LAMP
PULSE WIDTH	0.1-15 MS ADJUSTABLE
PULSE REPEATED FREQUENCY	1-20 HZ ADJUSTABLE
WELDING SPOT DIAMETER	0.1-3MM
OBSERVING SYSTEM	MICROSCOPE/CCD - BASED ON REQUIREMENT
COOLING SYSTEM	WATER CHILLER
POWER SUPPLY	SINGLE PHASE AC 220V $\pm 10\%$, 50HZ / 60HZ, 4 KW
RUNNING ENVIRONMENT	TEMPERATURE 5°C-28°C HUMIDITY 5%-70%





SPECIFICATION:

MODEL NAME	JUMBO
OUTPUT POWER	200W
SINGLE-PULSE ENERGY	110 J
MACHINE DESIGN TYPE	DESKTOP / VERTICAL
LASER SOURCE	ND:YAG
LASER WAVELENGTH	1064 NM
PUMP LAMP	PULSED XENON LAMP
PULSE WIDTH	0.1-15 MS ADJUSTABLE
PULSE REPEATED FREQUENCY	1-20 HZ ADJUSTABLE
WELDING SPOT DIAMETER	0.1-3MM
OBSERVING SYSTEM	MICROSCOPE/CCD - BASED ON REQUIREMENT
COOLING SYSTEM	WATER CHILLER
POWER SUPPLY	SINGLE PHASE AC 220V ±10%, 50HZ / 60HZ, 4 KW
RUNNING ENVIRONMENT	TEMPERATURE 5°C-28°C HUMIDITY 5%-70%



LASER SPOT WELDING / SOLDERING MACHINE



SPECIFICATION:

MODEL NAME	UNSTOPPABLE
OUTPUT POWER	200W
SINGLE-PULSE ENERGY	130 J
MACHINE DESIGN TYPE	DESKTOP / VERTICAL
LASER SOURCE	ND:YAG
LASER WAVELENGTH	1064 NM
PUMP LAMP	PULSED XENON LAMP
PULSE WIDTH	0.1-15 MS ADJUSTABLE
PULSE REPEATED FREQUENCY	1-20 HZ ADJUSTABLE
WELDING SPOT DIAMETER	0.1-3MM
OBSERVING SYSTEM	MICROSCOPE/CCD - BASED ON REQUIREMENT
COOLING SYSTEM	WATER CHILLER
POWER SUPPLY	SINGLE PHASE AC 220V $\pm 10\%$, 50HZ / 60HZ, 4 KW
RUNNING ENVIRONMENT	TEMPERATURE 5°C-28°C HUMIDITY 5%-70%





APPLICATIONS:

PLASTIC, GLASS, ABS MATERIAL
PCB, RUBBER, NON METAL MATERIAL



SPECIFICATION:

LASER TYPE	UV LASER
LASER AVERAGE OUTPUT POWER	3W/5W/10W
LASER LIFE	~30,000 HOURS
WAVELENGTH	355 NM
AVERAGE POWER STABILITY	<3% OVER 24 HOURS
PULSE TO PULSE STABILITY	<3% RMS
POWER ADJUSTING RANGE	1-100%
BEAM ROUNDNESS	>90%
POLARIZATION RATIO	> 100:1
SCANNER	12,000 MM/SEC
SCANNER TYPE	DOUBLE SILICA COATED
SCALE REQUIRED	NO
MARKING AREA	150 MM X 150 MM STANDARD
REPEATED ACCURACY	±0.001 MM
MAX. POWER CONSUMPTION	340 WATT
WARRANTY	1 YEAR WARRANTY



APPLICATIONS:

FABRICS, WOOD, JADE, ACRYLIC, GLASS
CERAMIC, LEATHER, MARBLE, PAPER,
RUBBER, WOOD VENEER, PLASTIC



SPECIFICATION:

MODEL	1. WOOD PECKERT	2. CATWALK
ENGRAVING AREA	150X150, 300X300MM	450X450, 600X600MM
LASER TUBE	30,60 W	80,100 W
LASER SOURCE	METAL TUBE WITH AIR COOLED / GLASS TUBE WITH WATER COOLED	
POWER ADJUSTMENT	1 TO 100%	
ENGRAVING ACCURACY	<0.01	
OPERATING SYSTEM	WIN 7/8/10/11	
INTERFACE	UDISK, USB, ETHERNET	
SUPPORTED FILE	PLT, DXF, BMP, JPG, GLF, PNG.	
WORKING VOLT	SINGLE PHASE 220-230V/50HZ (EARTHING REQ)	
OPTIONAL ATTACHMENT	ROTARY DEVICE / MOVING TABLE	
DIMENSION (LX WXH)	3X2X4 FEET	6X2X5 FEET
WEIGHT	125KG	300KG

APPLICATIONS:



Engineering



Automobile



Bearing



Pump



Valve



Tool & Toolings



Surgical
instrument



Utensils



Hardware



Pharma



Cable & wire



Pipe



Led



Cutting tools



2d & 3d Die



Optical



Mobile Accessories



Fmcg



Jewellery &
Imitation



Pipe fittings



Gift & Article



Advertising



Fabric

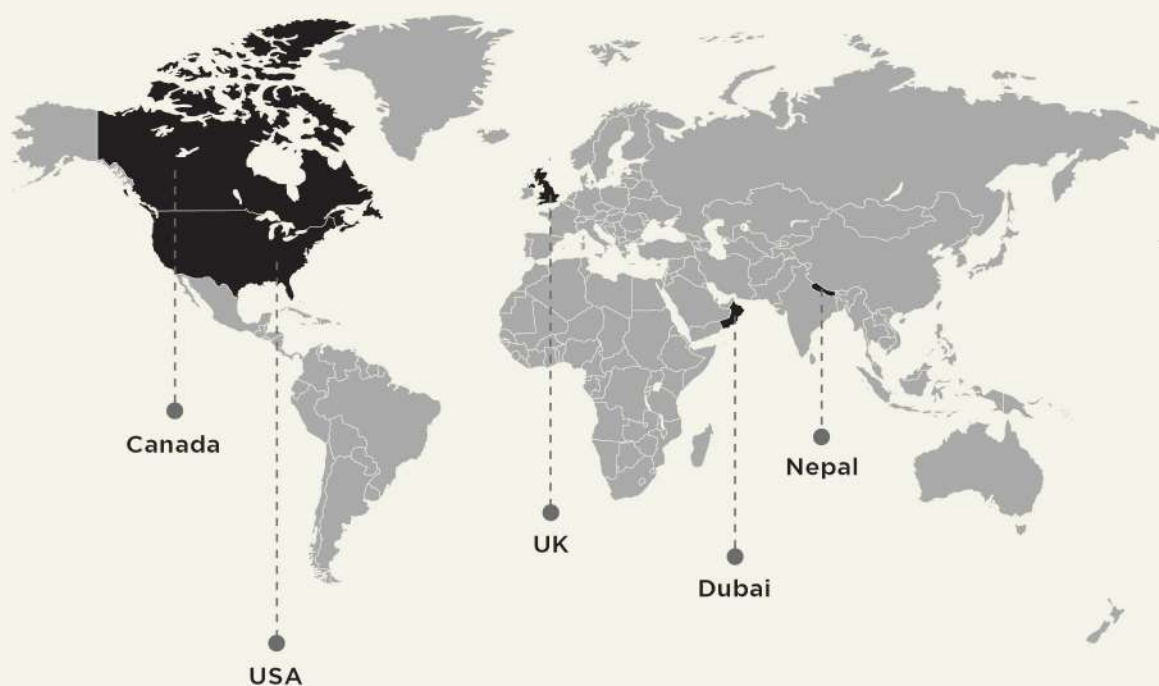
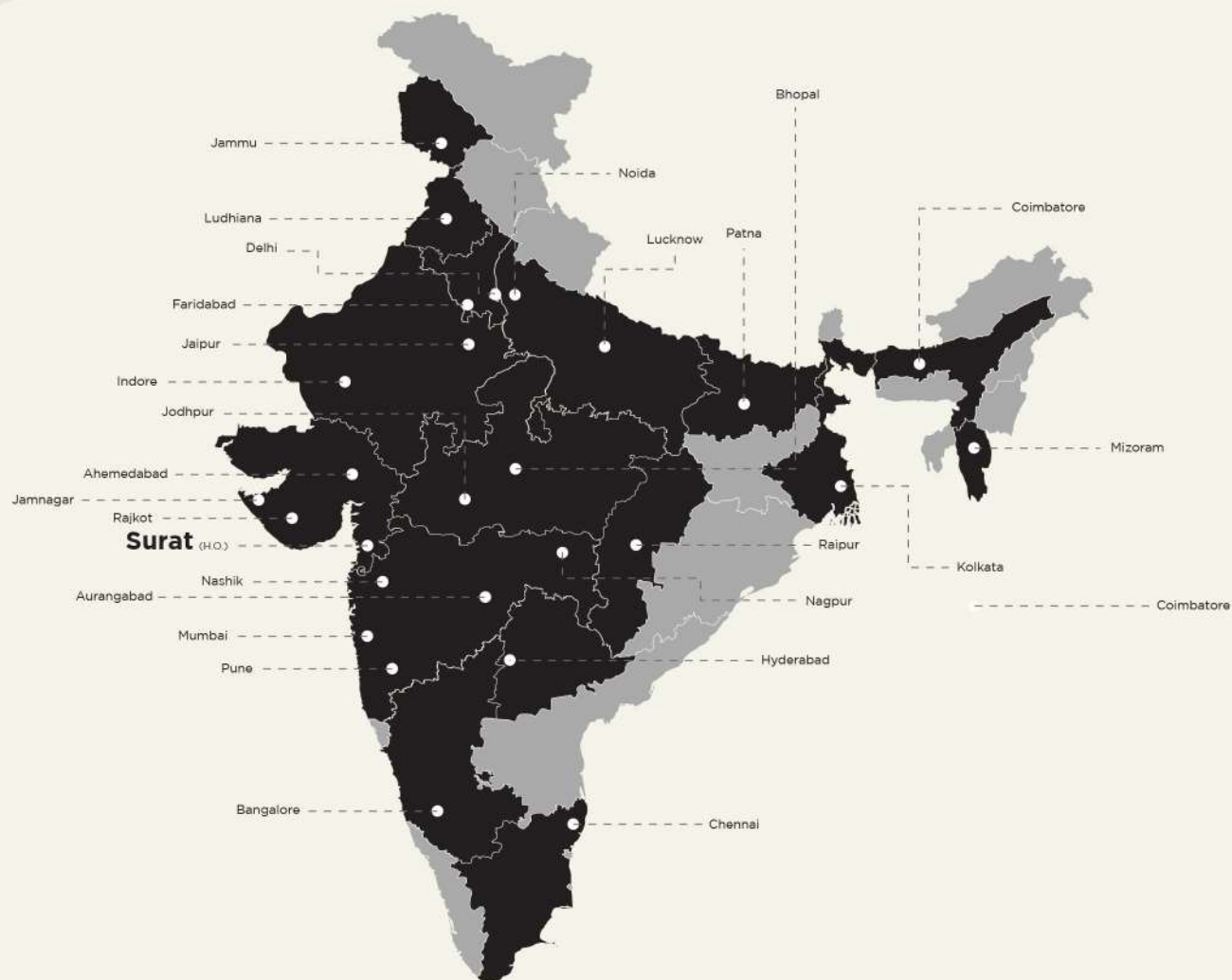


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Sheet Metal

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YOUTUBE

