

We make your cutting **Easier, Better & Faster**



PUSAAN AUTOMATION PVT. LTD.

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PUSAAN 
Cutting & Service



About Company

PUSAAN AUTOMATION PVT. LTD.

Located at Faridabad (Haryana), We (Pusaan Automation Pvt. Ltd.) have a wide presence in the INDIAN Market because of our highly reliable and efficient Cutting and Welding machines.

We have more than 20 years of expertise in the Metal Cutting line which makes us more efficient and Trustable.

Due to our client focus approach and continual improvement, we have gained a wide recognition in the market and consider as a leader in this field.

We at (Pusaan Automation Pvt. Ltd.) are true to ourselves and others as well. We would like to grow and go along with our customers as much as possible without compromising in values we maintain. We understand the technologies, equipments, advantages and disadvantages which we always would like to share with our customers to offer them the most optimum solutions as per their accurate needs and requirements.

OUR MACHINES:

LASER MACHINES:

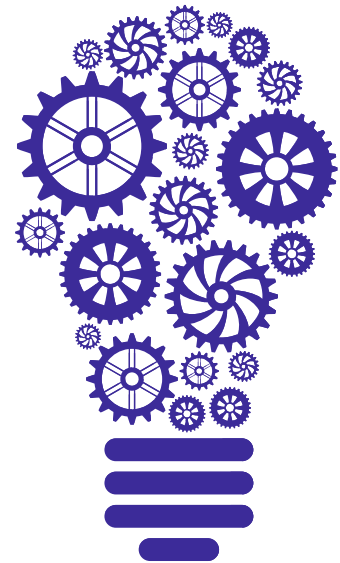
- SINGLE TABLE FIBER LASER CUTTING MACHINE.**
- SHEET AND TUBE FIBER LASER CUTTING MACHINE.**
- EXCHANGE TABLE FIBER LASER CUTTING MACHINE.**
- LASER WELDING MACHINE.**
- LASER MARKING MACHINE.**
- LASER CONSUMABLES.**

CNC FLAME / PLASMA CUTTING MACHINES:

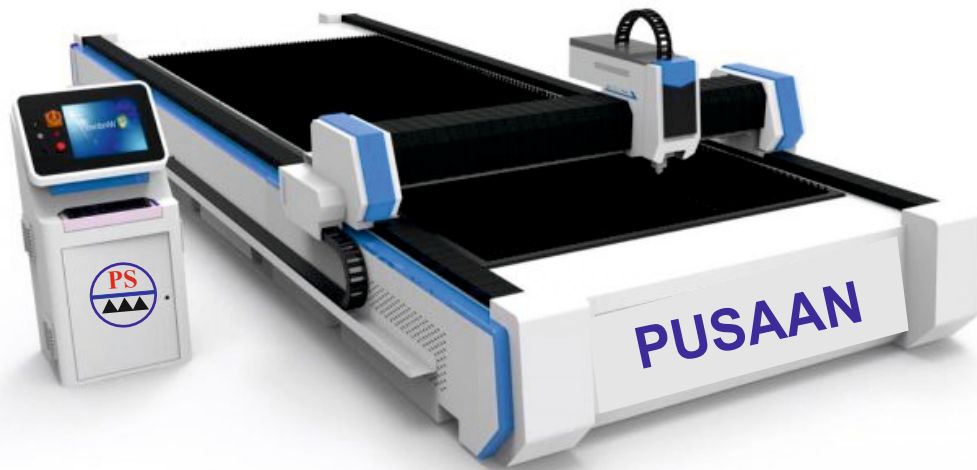
- GANTRY FLAME / PLASMA CUTTING MACHINE.**
- BENCH FLAME / PLASMA CUTTING MACHINE.**
- PORTABLE FLAME / PLASMA CUTTING MACHINE.**
- PORTABLE CUM GANTRY FLAME / PLASMA CUTTING MACHINE.**
- PLASMA CONSUMABLES.**

PRESS BRAKE, SHEARING & PIPE BENDING MACHINES:

- NC PRESS BRAKE MACHINE.**
- CNC PRESS BRAKE MACHINE.**
- SHEARING MACHINE.**
- PIPE BENDING MACHINE.**



Single Table Fiber Laser Cutting Machine:



TECHNICAL CHART

Model	PSL 3015	PSL 4015	PSL 6315	PSL 4020	PSL 6320
Track Width (mm)	1500	1500	1500	2000	2000
Track Length(mm)	3000	4000	6300	4000	6300

Sheet and Tube Fiber Laser Cutting Machine:



TECHNICAL CHART

Model	PLP 3015	PLP 4015	PLP 6315	PLP 4020	PLP 6320
Track Width (mm)	1500	1500	1500	2000	2000
Track Length(mm)	3000	4000	6300	4000	6300

Exchange Table Fiber Laser Cutting Machine:



TECHNICAL CHART

Model	PLE 3015	PLE 4015	PLE 6315	PLE 4020	PLE 6320	PLE 6325
Track Width (mm)	1500	1500	1500	2000	2000	2500
Track Length(mm)	3000	4000	6300	4000	6300	6300



CNC Flame / Plasma Cutting Machine:



Gantry Flame / Plasma Cutting Machine

Model	PSG 2506	PSG 3506	PSG 3508	PSG 4008
Track Width	2500	3500	3500	4000
Track Length	6000	6000	8000	8000

Cutting Head : One Flame and One Plasma

Bench Flame / Plasma Cutting Machine

Model	PSB 1503	PSB 1506
Track Width	1500	1500
Track Length	3000	6000

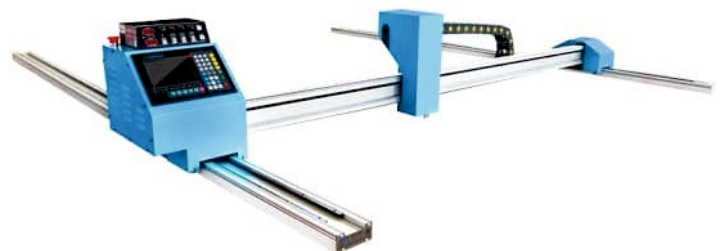


Portable Flame / Plasma Cutting Machine

Model	PSP 1503	PSP 1506
Track Width	1500	1500
Track Length	3000	6300

Portable Cum Gantry Flame / Plasma Cutting Machine

Model	PSPG 1503	PSPG 2563
Track Width	1500	2500
Track Length	3000	6300



NC Press Brake Machine

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TECHNICAL SPECIFICATIONS

[illegible]

CNC Press Brake Machine:



TECHNICAL SPECIFICATIONS

CNC Press Brake	50Ton 1500mm	80Ton 2500mm	110Ton 3200mm	110Ton 4000mm	130Ton 3200mm	130Ton 4000mm	170Ton 3200mm	170Ton 4000mm	200Ton 3200mm	200Ton 4000mm
Bending Power	500KN	800KN	1100KN	1100KN	1300KN	1300KN	1700KN	1700KN	2000KN	2000KN
Bending Length	150MM	2500MM	3200MM	4000MM	3200MM	4000MM	3200MM	4000MM	3200MM	4000MM
Distance Between Side Frames	1200MM	2100MM	2700MM	3300MM	2700MM	3300MM	2700MM	3300MM	2700MM	3300MM
Y1Y2 Axis Travel	160MM	160MM	200MM	200MM	200MM	200MM	200MM	200MM	200MM	200MM
Max Opening Height	420MM	420MM	460MM	460MM	460MM	460MM	460MM	460MM	460MM	460MM
Throat Depth	250MM	250MM	400MM	400MM	400MM	400MM	400MM	400MM	400MM	400MM
Working Table Height	770MM	830MM	830MM	830MM	830MM	830MM	830MM	830MM	830MM	830MM
Approach Speed	180MM/S	180MM/S	160MM/S	160MM/S	160MM/S	160MM/S	150MM/S	150MM/S	140MM/S	140MM/S
Working Speed	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S	10MM/S
Return Speed	120MM/S	120MM/S	100MM/S	100MM/S	100MM/S	100MM/S	100MM/S	100MM/S	100MM/S	100MM/S
Main Motor Power	5.5KW	7.5KW	7.5KW	7.5KW	11KW	11KW	11KW	11KW	18.5KW	18.5KW
Oil Tank Capacity	180L	280L	300L	350L	300L	350L	400L	450L	400L	450L
X Axis Travel	550mm	550mm	550mm	550mm	550mm	550mm	550mm	550mm	550mm	550mm
Dimensions L*W*H*	1750X1400X2200mm	2800X1400X2500mm	3550X1650X2600mm	4300X1650X2600mm	3550X1650X2600mm	4300X1650X2600mm	3560X1700X2800mm	4300X1700X2800mm	3600X1700X2800mm	4300X1700X2800mm
Weight	3500 kg	5900 kg	7000kg	9000 kg	8800 kg	10200 kg	10500 kg	12200 kg	11500 kg	13000 kg

Shearing Machine:



TECHNICAL SPECIFICATIONS

Specifications & Models (Dark Color is Non-Standard Model)		Shearing Angle	Depth of Throat	Backgauge Stroke	Shearing Number	Number of Presser Foot	Main Motor Power	Oil Pump	Weight Approx.
		°	mm	mm	(min-1)	(□)	(KW)	(ml/r)	Kg
QC12K-4	2500	1°30'	100	600	16	12	5.5	16	3150
	3200	1°30'	100	600	14	15	5.5	16	4800
	4000	1°30'	150	600	10	18	7.5	25	6600
QC12K-6	2500	1°30'	120	600	14	12	7.5	25	4800
	3200	1°30'	120	600	12	15	7.5	25	5600
	4000	1°30'	150	600	8	18	7.5	25	7600
QC12K-8	2500	1°30'	150	600	10	12	11	32	5200
	3200	1°30'	150	600	8	15	11	32	6000
	4000	1°30'	150	600	8	18	11	32	8100
	5000	1°30'	150	600	6	18	15	40	19000
QC12K-10	2500	2°	150	600	9	12	15	40	6300
	3200	2°	150	600	8	15	15	40	7600
	4000	2°	150	600	7	18	15	40	9200
QC12K-12	2500	2°	150	600	9	12	18.5	50	8000
	3200	2°	150	600	8	15	18.5	50	10500
	4000	2°	150	600	7	18	18.5	50	12800
	5000	2°	150	750	6	18	18.5	50	16000
	6000	2°	150	750	5	20	18.5	50	29500
QC12K-16	2500	2°30'	150	600	9	12	22	63	9400
	3200	2°30'	150	600	8	15	22	63	11000
	4000	2°30'	150	600	7	18	22	63	14400
	5000	2°30'	150	750	6	18	22	63	20000
QC12K-20	2500	3°	150	600	8	12	22	63	18500
	3200	3°	150	600	7	15	22	63	18500
	4000	3°	150	600	6	18	22	63	21500
	6000	3°	150	750	5	20	22	63	47000
QC12K-25	2500	3°	150	600	7	10	37	100	19000

Laser Welding Machine:



LASER Welding Machine

- Laser Power : 1 Kw/1.5 Kw/2 Kw /3Kw
- Beam Width : 0.2 to 5mm
(Depending on Welding Head)
- Laser Wavelength : 1070 nm
- Optical Fiber : 100um, 5m
- Cooling Medium : 1000 Hz
- Continuous Working Time : 24 Hours
- Power Supply Demand : 200 10%, 50Hz
- Head Type : Wobble with Galvo Technology

Laser Marking Machine:

Applications

- Utensils
- Jewellery
- Electronics
- Automobile
- Commercial Engineering
- Solar Industry
- Tools & Tooling
- Medical & Surgical
- Die & Mould Engraving
- Kitchen Ware & Bath Fitting
- Color Marking in SS Material

Laser Marking Machine

Laser Type	Fiber Laser
Average O/P Power	20W (Optional 30, 50, 100)
Operating Voltage	100-240V AC/50-60 Hz
Electric Consumption	< 1 Kw
Graphics Format	PLT, DXF, BMP, MPT, TIF etc.



Other Machines:



Laser Cutting Machine



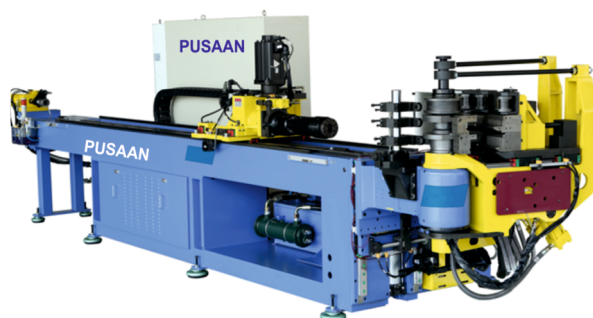
Imported Gantry Machine



CNC Wood Router Machine



Co2 Laser Cutting Machine

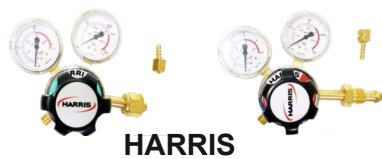


Pipe Bending Machine



Air compressor for laser cutting machine

Laser & Plasma Consumables:



RAYCUS



MAX



IPG



JPT





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