

WILA MAC



WILA CNC INDIA PRIVATE LIMITED



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COMPANY PROFILE

Maanshan WILA CNC machine tools company was set up in 2001 on the purpose of producing the press brake tooling's, shearing blades etc. with continuous R&D, experience we have ventured into superior technologies of CNC hydraulic press brake, metal shearing machine, plasma and fiber laser cutting machine, tube bending machines, hydraulic press, punching press etc., are rapidly expanding in Sheet Metal & Fabrication Industry.

We have happy & satisfied clientele across globe more than 70 countries with installations in all the above technologies.

We work closely with our Product Center in China to design Techno-commercially driven innovative solutions to fulfil requirements of our customers, keeping highest standards in workmanship and quality.

We have State of art technology center in Bangalore wherein we provide you glimpse of our capabilities to provide you with reliable solutions in laser, Plasma, press brake, shearing, Busbar etc., technologies.

We are equipped enthusiastic and young team with Pan India Presence who strive to achieve 100% customer satisfaction by delivering most reliable solutions with great focus in sales & after sales support.

FIBER LASER METAL CUTTING MACHINE



TECHNICAL SPECIFICATION :

Machine model	WILA 3015	WILA 4020	WILA 6020	WILA 6325	WILA 8025
Laser power	500W-15000W	500W-15000W	500W-15000W	500W-15000W	500W-15000W
Working area	3050x1550mm	4050x2050mm	6050x2050mm	6350x2550mm	8050x2550mm
Sheet dimensions	3000x1500mm	4000x2000mm	6000x2000mm	66350x2500mm	8000x2500mm
Yundefined-axis travel	3050 mm	4050 mm	6050 mm	6350 mm	8050mm
X-axis travel	1550 mm	2050 mm	2050 mm	2550 mm	2550 mm
Z-axis travel	250 mm				
X/Y axis max. positioning speed	120 m/min				
X,Y max. simultaneous speed	140 m/min				
Max. Positioning acceleration	30 m/s ²				
Positioning accuracy	±0.03 mm				
Repeated positioning accuracy	±0.02 mm				



MAIN FEATURES :

Tube fiber laser cutting machine is specially designed for pipes, easy to operate. With the good cutting quality and cutting efficiency, the tube fiber laser cutter is widely used in sports equipment, various types of pipe, water pipes, oil pipelines and other industries, and adapted to various special-shaped pipe materials such as : round pipe, square pipe, rectangular pipe, oval pipe, etc.

TECHNICAL SPECIFICATION :

	OR-T6	OR-T9	OR-T12
Working Area	6000mm	9000mm	12000mm
X/Y-axis Repositioning Accuracy	±0.05mm	±0.05mm	±0.05mm
Accuracy of Positioning	±0.03mm	±0.03mm	±0.03mm
X/Y-axis Maximum Simultaneous Positioning Speed	120m/min	120m/min	120m/min
Laser Power	500w/1000w/1500w/2000w/3000w/4000w	500w/1000w/1500w/2000w/3000w/4000w	500w/1000w/1500w/2000w/3000w/4000w

LASER WELDING MACHINE



TECHNICAL SPECIFICATION :

Laser power	500W,1000W, 1500W
Center wavelength	1080nm
Output power stability	<3%
Laser frequency	50Hz-5KHz
Adjustable power range	10-100%
Beam quality	1.1
Optimal operating environment	Temperature 0-40 ° C, humidity 20%-80%
Electricity demand	1000W(AC220V/10A), 1500W(AC380V/20A)
Output fiber length	15m
Cooling method	Chiller inside
Dimensions	104*60*120cm
Weight	200kg
Laser power	500W,1000W, 1500W
Center wavelength	1080nm
Output power stability	<3%
Laser frequency	50Hz-5KHz
Cabinet	Dapeng fiber welding cabinet
Laser source	Raycus
Welding head	120° ergonomic wobble welding head
Chiller	1.2P Double chilling
Laser control system	Touch screen
Handheld safety controller	Prevent accidental laser emit



HYDRAULIC PRESS BRAKE (CNC)



MAIN FEATURES :

- * Overall welded and processed structure.
- * Closed loop control mode composed of electric - hydraulic servo valve and measure ruler.
- * Ensure the highest control precision, bending accuracy and repositioning accuracy are also reach to the highest level.
- * Back gauge mechanism can be multi-axes controlled.
- * Integrated hydraulic system decreases the pipe connections, oil leakage, and increases the stability and overall looking.
- * Worktable equipped with hydraulic and mechanical compensation to avoid the deformed up-per beam from affecting the quality of the work piece, it is adjusted automatically by the CNC controller with convenient and accuracy.
- * CNC controller normally uses Holland DELEM, Italy ESA, Swiss CYBELEC, all with multi-languages

TECHNICAL SPECIFICATION :

Type	60T/2500	80T/3200	100T/3200	160T/3200	200T/3200	250T/3200	320T/3200
Nominal Force (KN)	630	800	1000	1600	2000	2500	3200
Bending Length (mm)	2500	3200	3200	3200	3200	3200	3200
Vertical Distance (mm)	1900	2700	2700	2700	2700	2700	2700
Depth of Throat (mm)	350	350	400	400	400	400	400
Slider Travel (mm)	170	170	200	200	200	200	200
Max. Opening (mm)	380	380	420	420	420	420	420
Max. Power (Kw)	5.6	7.5	7.5	11	15	15	22
Crowning Cylinders	2	3	3	3	3	3	3
Control Axes	3+1	3+1	3+1	3+1	3+1	3+1	3+1
X Axis Travels (mm)	500	500	500	500	500	500	500
X Axis Speed (mm/s)	200	200	200	200	200	200	200
Overall Dimensions (LxWxH)	3100x1450x2050	3500x1550x2100	3500x1580x2400	3500x1650x2500	3500x1680x2550	3500x1700x2600	3500x1800x2730
Weight (Ton)	5.8	7.8	8.5	11	14.2	15.6	16.8

Type	400T/4000	500T/5000	500T/6000	500T/7000	600T/5000	600T/6000	600T/7000
Nominal Force (KN)	4000	5000	5000	5000	6000	6000	6000
Bending Length (mm)	4000	5000	6000	7000	5000	6000	7000
Vertical Distance (mm)	3500	3900	4900	4900	3900	4900	5900
Depth of Throat (mm)	500	500	500	500	500	500	500
Slider Travel (mm)	320	320	320	320	320	320	320
Max. Opening (mm)	600	600	600	600	400	600	600
Max. Power (Kw)	30	37	37	37	45	45	45
Crowning Cylinders	4	/	/	/	/	/	/
Control Axes	3+1	3+1	3+1	3+1	3+1	3+1	3+1
X Axis Travels (mm)	500	800	800	800	800	800	800
X Axis Speed (mm/s)	200	200	200	200	200	200	200
Overall Dimensions (LxWxH)	4300x2450x3500	5400x2810x4300	6500x2810x4500	7500x2810x4900	5500x2910x4900	6500x2910x5100	7500x2910x5200
Weight (Ton)	31	38	53	60	65	68	72

HYDRAULIC PRESSBRAKE MACHINE (SNC TYPE)



MAIN FEATURES :

- * Delta or Mitsubishi servo controlled drives are used for the back gauges.
- * Bosch Rexroth hydraulic valves and pump are used for the hydraulic system.
- * SIEMENS motor is used for the press brakes.
- * Highly precise and rigid frames.
- * ESTUN series controller is used for the operating.
- * All the MCB and electrical and electronic parts are made from Schneider.

TECHNICAL SPECIFICATION :

Type	Nominal Force	Worktable Length	Vertical Distance	Depth of Throat	Ram travel	Max opening height	Max Power	Weight	Overall dimension
	(KN)	(mm)	(mm)	(mm)	(mm)	(mm)	(kw)	(kg)	LxWxH (mm)
40T/2000	400	2000	1350	230	100	320	5.5	2750	2000x1200x1910
40T/2500	400	2500	1850	230	100	320	5.5	3000	2500x1200x1910
50T/2000	500	2000	1350	230	100	320	5.5	2950	2000x1200x1910
50T/2500	500	2500	1850	230	100	320	5.5	3400	2500x1210x2000
63T/2500	630	2500	1900	120	100	320	5.5	4000	2500x1300x2210
63T/3200	630	3200	2560	120	100	320	5.5	4800	3200x1300x2210
80T/2500	800	2500	1990	120	100	320	7.5	5700	2500x1400x2300
80T/3200	800	3200	2560	120	100	350	7.5	6020	3200x1500x2300
80T/4000	800	4000	3000	120	100	350	7.5	7000	4000x1500x2400
100T/2500	1000	2500	2020	320	150	350	11	6000	2500x1600x2400
100T/3200	1000	3200	2600	320	150	400	11	6800	3200x1600x2600
100T/4000	1000	4000	3000	320	150	400	11	8400	4000x1600x2700
125T/2500	1250	2500	2020	320	150	350	11	6500	2500x1600x2400
125T/3200	1250	3200	2580	320	150	400	11	7200	3200x1600x2600
125T/4000	1250	4000	3000	320	150	400	11	8800	4000x1600x2700
160T/3200	1600	3200	2600	320	200	460	11	10500	3200x1700x2700
160T/4000	1600	4000	3000	320	200	460	11	11500	4000x1700x2800
160T/5000	1600	5000	4000	320	200	460	11	14000	5000x1900x3100
160T/6000	1600	6000	5000	320	200	460	11	19500	6300x1900x3200
200T/3200	2000	3200	2500	320	200	460	11	12500	3200x1950x2800
200T/4000	2000	4000	3000	320	200	460	11	13600	4000x1950x2800
200T/5000	2000	5000	4000	320	200	460	11	14500	5000x1950x3100
200T/6000	2000	6000	5000	320	200	460	11	21000	6000x1950x3300
250T/3200	2500	3200	2500	400	250	590	18.5	19000	3250x2000x3200
250T/4000	2500	4000	3000	400	250	590	18.5	20200	4000x2000x3400
250T/5000	2500	5000	4000	400	250	590	18.5	23500	5000x2000x3400
250T/6000	2500	6000	5000	400	250	590	18.5	27500	6000x2000x3400
300T/3200	3000	3200	2530	400	250	590	22	20500	3200x2000x3450
300T/4000	3000	4000	3000	400	250	590	22	22500	4000x2000x3450
300T/5000	3000	5000	4000	400	250	590	22	26000	5000x2000x3450
300T/6000	3000	6000	5000	400	250	590	22	30000	6000x2000x3450
400T/4000	4000	4000	3000	400	250	590	30	25000	4000x3180x3500
400T/5000	4000	5000	4000	400	250	590	30	29000	5000x2180x3500
400T/6000	4000	6000	5000	400	250	590	30	35000	6000x2180x3800
500T/4000	5000	4000	3000	400	250	590	45	35000	4000x2580x3500
500T/5000	5000	5000	4000	400	250	590	45	44000	5050x3500x3700
500T/6000	5000	6000	5000	400	320	590	45	55000	6050x3500x3700
600T/4000	6000	4000	3000	400	320	590	55	45000	4050x4500x3700
600T/6000	6000	6000	5000	400	320	590	55	60000	6050x4500x3700
800T/6000	8000	6000	5000	400	320	590	55	75000	6300x4500x6000



MG SERIES PRESSBRAKE



TECHNICAL SPECIFICATION :

MODEL	MG-5012	MG-1030□	MG-1030	MG-1330	MG-351211	MG-3512
Tons	50	100	100	130	35	35
Length	1.2m	3m	3m	3m	1.2m	1.2m
Nominal Force (KN)	500	1000	1000	1350	350	350
Work Table length (mm)	1200	3000	3000	3000	1200	1200
Distance Between Holes (mm)	1020	2550	2550	2550	1020	1020
Depth of Throat (mm)	400-405	400-410	400-410	400-410	200	400-405
Slider Travel (mm)	100					
Max Open Height (mm)	370~375					
Max Mould Height (mm)	250~255					
Approach Speed (mm/s)	55	57	57	70	50	55
Bending Speed	Adjustable					
Return Speed (mm/s)	47-66				52	47-66
Back gauge Stroke	500					
Main Power (KW)	5.4	7.5		11	3	4
Machine Weight (kg)	2900	6400	6400	7300	2200	2200
Machine Dimensions (mm)	1760×1955×2410	3137×1567×2106	3137×1567×2106	3137×2120×2500	1425×1350×2020	120×1320×2069
Cylinder Capacity (liter)	33	65	65	65	33	33
No of cylinders		3	3	3		
System	QSCNC -10	QSCNC -20	QSCNC -10		QSCNC -20	QSCNC -10

HYDRAULIC SHEARING MACHINE



MAIN FEATURES :

- * Hydraulic valve : Bosch Rexroth, Germany
- * Pump : Bosch, Germany/HangFa, china/Sunny, USA
- * Main electrical parts : Schneider/TE/Siemens
- * Ball screw : Hiwin Taiwan
- * Seal ring : DZ Taiwan/NOK Japan
- * Front Support with measure roller
- * Controller : Estun/Delem

TECHNICAL SPECIFICATION :

Model	Thickness	Width	Cutting Angel	Material Intension	Backgauge travel	Travel Times	Hold Downs	Main Power	Weight	Overall Dimension
TYPE	(mm)	(mm)	(°)	(KN/CM)	(mm)	(T/min)	(kw)	(kw)	(kg)	L x W x H (mm)
4 x 2500	4	2500	1° 30'	<450	20-600	10	12	5.5	3800	3040 x 1610 x 1620
4 x 3200	4	3200	1° 30'	<450	20-600	10	14	5.5	6000	3840 x 1610 x 1620
4 x 4000	4	4000	1° 30'	<450	20-600	8	16	5.5	6500	4600 x 1700 x 1700
4 x 6000	4	6000	1° 30'	<450	20-600	5	20	7.5	11000	6460 x 2100 x 3200
6 x 2500	6	2500	1° 30'	<450	20-600	10	12	7.5	6000	3040 x 1610 x 1620
6 x 3200	6	3200	1° 30'	<450	20-600	9	14	7.5	6000	3840 x 1610 x 1620
6 x 4000	6	4000	1° 30'	<450	20-600	8	16	7.5	8200	4620 x 1750 x 1700
6 x 5000	6	5000	1° 30'	<450	20-600	6	18	7.5	10500	5400 x 1800 x 1900
6 x 6000	6	6000	1° 30'	<450	20-600	5	20	11	16500	6480 x 2100 x 2300
8 x 2500	8	2500	1° 30'	<450	20-600	10	12	7.5	6000	3040 x 1700 x 1700
8 x 3200	8	3200	1° 30'	<450	20-600	8	14	7.5	7200	3860 x 1700 x 1700
8 x 4000	8	4000	1° 30'	<450	20-600	8	16	7.5	8800	4640 x 1700 x 1700
8 x 5000	8	5000	1° 30'	<450	20-600	8	18	7.5	11500	5400 x 2100 x 2000
8 x 6000	8	6000	1° 30'	<450	20-600	8	20	11	18000	6480 x 2100 x 2350
10 x 2500	10	2500	2°	<450	20-600	9	12	11	7300	3040 x 1700 x 1700
10 x 3200	10	3200	2°	<450	20-600	9	14	11	8000	3860 x 1700 x 1700
10 x 4000	10	4000	2°	<450	20-600	8	16	11	12050	4650 x 2100 x 2000
10 x 6000	10		2°	<450	20-600	5	20	15	24000	6500 x 2100 x 2300



CNC SERVO TURRET PUNCH PRESS



TECHNICAL SPECIFICATION :

Specification	Unit	SP3025	SPC3050	SP3050	SP3050D	HSP3050	SPS3050	SPS3050-20	
Nominal Force	KN	300							
Max. punch Size	mm	Ø88.9							
Max. Sheet Size	mm	1250×2500	1250×5000				1500×5000	2000×5000	
Max. Sheet Thickness	mm	6							
Max. Sheet Weight	kg	150							
Punching Accuracy	mm	±0.1							
Ram Stroke	mm	32							
X/Y Traverse Length	mm	1250/1250	2500/1250			2500/1500		2500/2000	
Max. Punching Frequency	Min ⁻¹	1500	1200	1500		1800	1500		
Max. Positioning Speed	m/min	X=80 Y=80	X=80, Y=64						
Turret Rotation Speed	r/min	30							
Number Of Tool Station	set	32	24	32	32	52	32	32	
Number of Floating Clamps	Set	2	3						
CNC System		FANUC	NCT	FANUC					
Monitor		10.4 Inch color	7 Inch color	10.4 Inch color					
Electrical Energy	kVA	35	30	35	28	35			
Air Consumption	M ³ /min	0.05							
AIR PRESSURE	MPa	≥0.5							
Machine Dimensions (Approx)	mm	4995×2736×2250	4995×5260×2250				5495×5260×2250	6000×5260×2500	
Machine Weight (Approx)	Tons	14	15	16	16	16	17	18	

INSERTION MACHINE



MAIN FEATURES :

- * Anti pressing hand protective system principle of electric conductivity detection control.
- * Leak proof counter detection of leakage riveting error warning function.
- * Auto feeding system apply to M2~M6 PEM series screws, Nuts and standoffs (optional).
- * Manual turret quick change Molds for riveting various fastners (optional).

TECHNICAL SPECIFICATION :

Specification	416PLUS	618PLUS	824PLUS
Force	44KN (4.4 Tons)	54KN (5.4Tons)	72KN (7.2 Tons)
Throat Depth	406mm	450mm	610mm
Throat Height	340mm	381mm	421mm
Stroke Length Adjustable	Yes		
Numbers of Inserts per Hour (Manually)	1200		
Ram Force Repeat Accuracy	±1%		
Safety Device	Yes		
Manual Turret insertion System (Optional)	Yes		
Automatic Feeding System (Optional)	No	Yes	
Clinching Joint System (Optional)	Yes		
Dwell time	No	Standard	
Forward Limited	No	Option	
Batch Counter (Optional)	No	Yes	
Main Power	1.5KW	2.2KW	3.7KW
Tank Capacity	38 liter	38 liter	38 liter
Power Supply	220V	380V	380V
Dimensions (W×D×H)	740×840×1650mm	800×810×2100mm	1025×960×2500mm
Net Weight	335kg	610kg	950kg



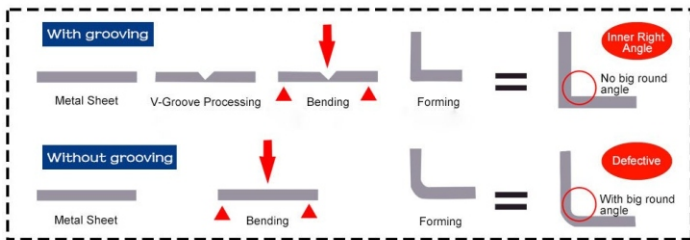
BUSBAR MACHINE



TECHNICAL SPECIFICATION :

Item	JL-200160	JL-200200	JL-200260
Max. Punching Force(KN)	300	500	800
Punching Diameter Range(mm)	Ø4.3-Ø25	Ø 4.3-Ø32	Ø4.3-Ø36
Max Thickness (mm)	12	16	20
Max. Width (mm)	160	200	260
Max. Shearing Thickness (mm)	12	16	20
Max. Shearing Width (mm)	160	200	260
Max. Bending Force (KN)	300	500	800
Max. Thickness (mm)	12	16	20
Max. Width (mm)	160	200	260
Max. Width (mm)	120	120	120
Max. Angle (degree)	90°		
mm	1750*1350*1420	1920*1550*1500	2150*1750*1500
KW	3*4KW	3*5.5KW	3*5.5KW
KG	1400kg	1650kg	1970kg
Bending precision	±1°		
Repeat Bending Precision	±0.3°		

V GROOVING MACHINE



PUNCHING & PRESS BRAKE TOOLS

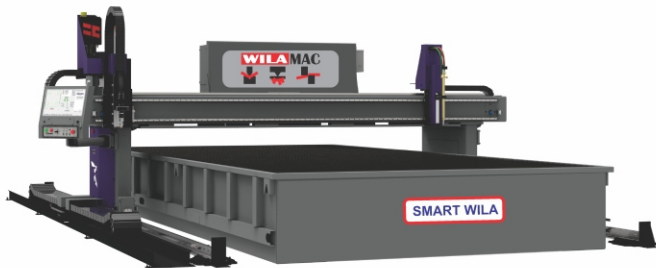
High Quality & Technology For the Future
Conic supply "Japan Quality" tools to worldwide customers.



LASER MARKING MACHINE

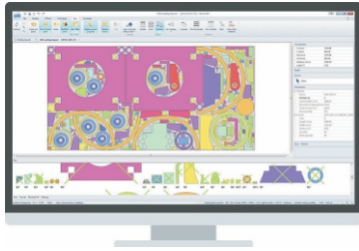


PLASMA CUTTING MACHINE



WELDING MACH





ALMA CAD/CAM SOFTWARE



- * A totally integrated product range covering all sheet metal technologies.
- * Highly automated software, really productive.
- * Exclusive optimization tools (nesting, cutting path, tooling sequence, etc.)
- * Specifically adapted to each cutting technology : laser, plasma, oxycutting, water jet cutting, routing, punching - nibbling and combined technologies.
- * An integrated programming software : import of cad files, 2D drafting, management of start ups, automatic and interactive nesting, tool paths optimization, post-processing.
- * An open and customizable software which can run fully automatically if requested.
- * Complementary modules : sheet metal unfolding, library of developed shapes for boiler making, cutting process management, quotation, etc

IRON WORKER



TAPPING MACHINE



NON METAL CUTTING



PIPE BENDING



Available Spares

Fiber Laser Parts



CUTTING HEAD



CHILLER

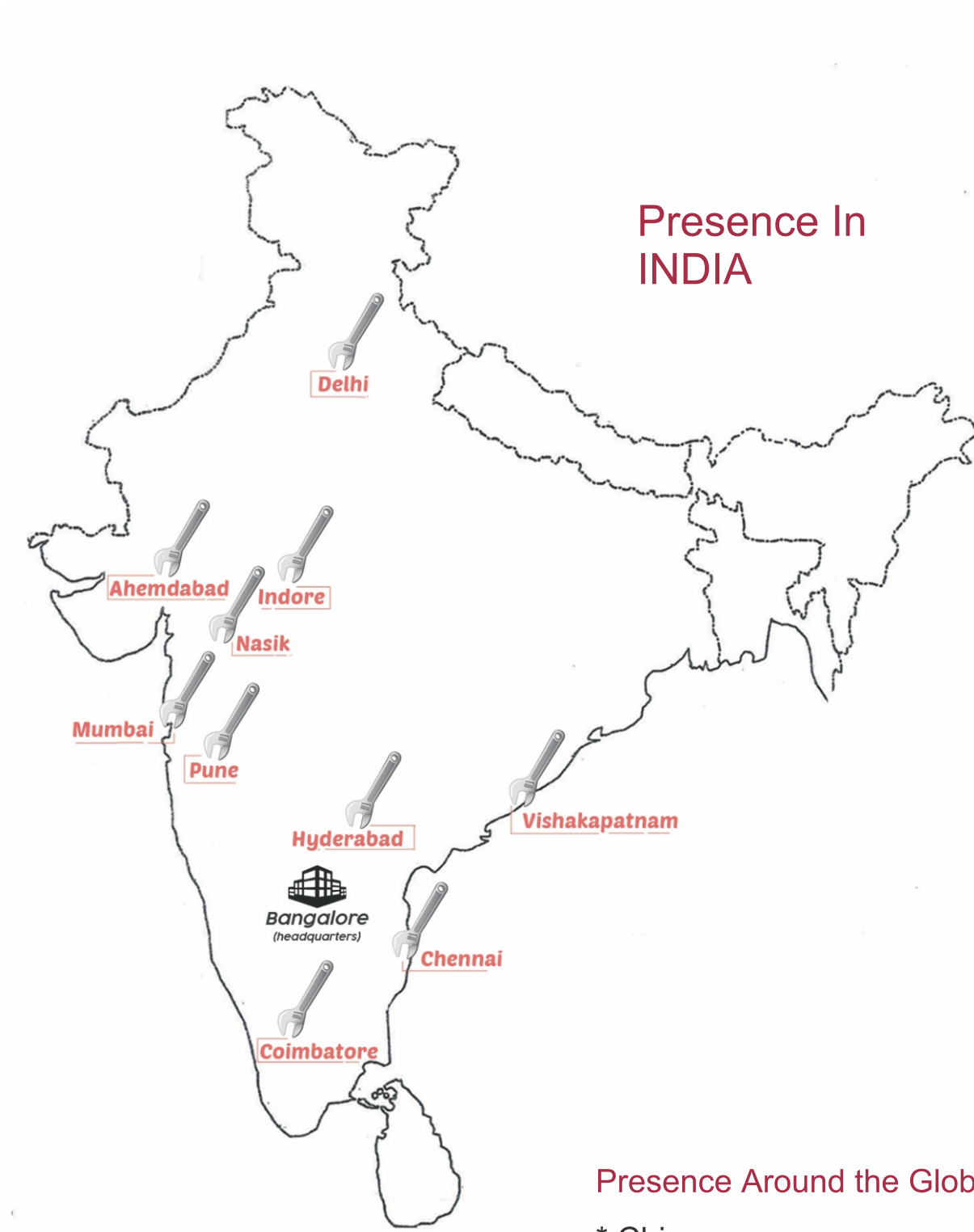


LASER SOURCE



SERVO MOTOR & DRIVE





Presence In INDIA

Presence Around the Globe

- * China
- * Singapore
- * Dubai
- * Europe
- * Russia & Etc.,



WORLDWIDE MARKETS
全球巡礼



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