

Sheet Laser Cutting Machines

HC Series

Laser power: 1.5-12kW

Sheet thickness: 1-30mm

- ✓ Become more compact after technical upgrades, occupying an area of only 19m²
- ✓ Perform well in speed & safety due to fully-enclosed structure and double exchange platforms
- ✓ Intelligent bus-based CNC system, with dozens of cutting-edge processes
- ✓ May work with servo robot arm to automate the sheet loading
- ✓ Satisfy some customers who prefer to high power but lack of space



3015C

Model	HC Series
Laser Power (kW)	1.5-12
Working Area (L*W, mm)	3050*1530
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	130
Max Acceleration (G)	1.2
45° Beveling	No
Number of Platforms	2
Max Load of Platforms (kg)	700
Overall Dimensions (mm)	8520*2270*2180

Sheet Laser Cutting Machines

H (Gen 4) Series

Laser power: 6-80kW

Sheet thickness: 1-200mm

- ✓ Cut thick and ultra-thick sheet at lightning-fast speed as a result of its ultra-high power
- ✓ Perform well in speed & safety due to fully-enclosed structure and double exchange platforms
- ✓ Adopt hollow machine bed with anti-burning graphite plates, for high stability and durability
- ✓ Come with our self-developed core components, so it is easy to repair when needed
- ✓ Intelligent bus-based CNC system, with dozens of cutting-edge processes

Model	H (Gen 4) Series
Laser Power (kW)	6-80
Working Area (L*W, mm)	3080*1530/4100*2030/ 6100*2030/6100*2530/8100*2530/ 12100*2530/12550*2830
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	200
Max Acceleration (G)	2.8
45° Beveling	No
Number of Platforms	2
Max Load of Platforms (kg)	3000/3200/4750/6000 8000/14000/16000
Overall Dimensions(mm)	8440*2270*2340 10876*3363*2515 14887*3363*2515 14740*3893*2515 19075*3893*2515 27927*3893*2515 28877*4233*2515



Sheet Laser Cutting Machines

H (Gen 4) Ultra-high Power Series

Laser power: 30-80kW

Sheet thickness: 1-200mm

- ✓ Offer best speed and precision as a latest upgraded model because of top configurations
- ✓ Cut stainless/mild steel plate up to 200mm, 4-5 times thicker than common 10kW machines
- ✓ Heavy-duty thermally isolated split bed, together with anti-burning graphite plates, provides loads 3 times higher than others and extra-long service life
- ✓ Enable smoke-free cutting thanks to fully-enclosed structure and intelligent spiral negative-pressure dust extraction
- ✓ Adopt modular Z axis for lower failure rate and easier repair or maintenance



Model	H4 (Ultra-high Power Series)
Laser Power (kW)	30-80
Working Area (L*W, mm)	6100*2530/8100*2530/12050*2530
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	200
Max Acceleration (G)	2
Max Load of Platforms (kg)	9000/12000/16000/18860
Overall Dimensions (L*W*H, mm)	14734*3781*2410/15960*4233*3000/19005*3781*2410/20190*4233*3000/27770*3781*2410
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

Sheet Laser Cutting Machines

R Series

Laser power: 6-80kW

Sheet thickness: 1-200mm

- ✓ With ground-rack structure, it can cut ultra-large, super-thick and extra-heavy sheet stably
- ✓ Fit to cut ultra-large-format (30m long) and over-weight sheet (47t)
- ✓ Open-style structure, for easy loading and unloading, with zoning smoke exhaust device
- ✓ Take safety measures like safety light curtain to keep your work safe



24030R

Model	R Series
Laser Power (kW)	6-80
Working Area (L*W, mm)	6000*3000/10000*3000/12000*4000/18000*4000/24000*4000/30000*4000
X/Y-axis Positioning Accuracy (mm)	±0.1/10000
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	120
Max Acceleration (G)	1/1.2
45° Beveling	Yes
Number of Platform	1
Max Load of Platform (kg)	7000/9400/14000/16500/37500/47000
Overall Dimensions (L*W*H, mm)	8466*4609*1975/10784*4609*1975/15101*4609*1975/17679*4609*1975/29861*5609*1975/36956*5609*1975

Sheet Laser Cutting Machines

TX Series

Laser power: 6-80kW

Sheet thickness: 1-200mm

- ✓ Cut large-sized medium-thick sheet (length: over 6000mm, thickness: over 20mm) in batch
- ✓ Adopt bus-based 3D five-axis control system to enable one-stop forming of 45° X, Y, V-shaped bevels
- ✓ Modular machine body for custom-made width and length, or self replacement if needed
- ✓ Zoning dust removal system for eco-friendly cutting
- ✓ Work with servo loading arm to reduce labor intensity



24030TX

Model	TX Series
Laser Power (kW)	6-80
Working Area (L*W, mm)	6000*3000/10000*3000/12000*4000/18000*3000/24000*4000/30000*4000
X/Y-axis Positioning Accuracy (mm)	±0.1/10000
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	80
Max Acceleration (G)	0.8
45° Beveling	Yes
Number of Platform	1
Max Load of Platform (kg)	7000/12500/14000/21900/37500/47000
Overall Dimensions (L*W*H, mm)	8461*4609*1975/10784*5609*1975/15449*5609*1975/17940*5609*1975/ 29861*5609*1975/36956*5609*1975

Sheet Laser Cutting Machines

NP Series

Laser power: 3-12kW

Sheet thickness: 1-30mm

- ✓ Open-style structure with new ball transfer units, to make loading & unloading easier
- ✓ Machine bed is additionally heightened to facilitate your all operations
- ✓ Oversea transport in batch at knockdown price by putting 6 sets in one 40HQ container
- ✓ Double ventilating ducts to remove smoke dust quickly and keep your workshop clean
- ✓ Integrated distribution cabinet, with separating strong and weak current to extend service life



3015NP

Model	NP Series
Laser Power (kW)	3-12
Working Area (L*W, mm)	3050*1530
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	120
Max Load of Platform (kg)	1100
Overall Dimensions (L*W*H, mm)	4360*2760*1800

Sheet Laser Cutting Machines

N Series

Laser power: 1.5-6kW

Sheet thickness: 1-20mm

- ✓ Fit for cutting thin sheet ($\leq 20\text{mm}$) as an affordable model
- ✓ Open-style structure and single platform, for easy loading & unloading
- ✓ Our self-developed intelligent bus-based CNC system can offer superior cutting effects
- ✓ Double ventilating ducts to remove smoke dust quickly and keep your workshop clean
- ✓ May work with servo robot arm to automate the sheet loading



3015N

Model	N Series
Laser Power (kW)	1.5-6
Working Area (L*W, mm)	3050*1530/4050*1530/4050*2030 6050*1530/6050*2030
X/Y-axis Positioning Accuracy (mm)	± 0.05
X/Y-axis Repositioning Accuracy (mm)	± 0.02
Max No-load Speed (m/min)	100
Max Load of Platform (kg)	700/950/1250/1400/2000
Overall Dimensions (L*W*H, mm)	4360*2760*1800/5560*2760*1800/5560*3290*1800 8030*2760*1800/8030*3290*1800

Sheet Laser Cutting Machines

1313N

Laser power: 1.5-6kW

Sheet thickness: 1-20mm

- ✓ Cut thin sheet with smooth, no-overburning, burr-free section
- ✓ Intelligent bus-based CNC system outfitted with embedded large screen for easy operation
- ✓ Small footprint but high in precision, particular when cutting into intricate patterns and complex contours
- ✓ Designed as fully-enclosed structure to prevent laser radiation and lower workshop noise
- ✓ Sidewise pull-out single platform works with new leg supports. The platform frame is installed with ball transfer units to facilitate both loading & unloading



Model	1313N
Laser Power (kW)	1.5-6
Working Area (L*W, mm)	1300*1300
X/Y-axis Positioning Accuracy (mm)	±0.05
X/Y-axis Repositioning Accuracy (mm)	±0.02
Max No-load Speed (m/min)	100
Max Acceleration (G)	1
Max Load of Platform (kg)	300
Overall Dimensions (L*W*H, mm)	2860*3720*1963
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)

Tube Laser Cutting Machines

ST Series

Laser power: 6-20kW

Tube size: 50-500mm

- ✓ Three chucks with full stroke, zero tailing and higher material utilization
- ✓ Use innovative dynamic 7-axis tube pulling function to correct tube deformation
- ✓ Efficient nesting software to minimize tube waste
- ✓ Side-attached machine tool bed featuring triangular and three-section structure, with large loading capacity
- ✓ Come with automatic loading & unloading devices to realize servo control and fast response



12050ST

Model	ST Series
Laser Power (kW)	6-20
Max Length of Tube (mm)	9000-12000
Scope of Tube Size (mm)	Round tube: $\Phi 50-500$ Square tube: $\square 50*50-500*500$
Max Weight of Tube (kg)	1000-2000
X/Y-axis Positioning Accuracy (mm)	$\pm 0.1/100000$
X/Y-axis Repositioning Accuracy (mm)	± 0.05
Max No-load Speed (m/min)	40-60
Max Rotating Speed of Chucks (r/min)	40-60
$\pm 45^\circ$ Beveling	Yes (optional)
Tube Supports	Follow-up supports
Loading & Unloading Devices	Semi-automatic loading device/6m long unloading device (or 9-12m long as optional)
Overall Dimensions (L*W*H, mm)	18000*7000*4500/21500*7000*4500/22000*7200*4350

Tube Laser Cutting Machines

HT Series

Laser power: 6-20kW

Tube size: 50-500mm

- ✓ Four heavy chucks used for zero tailing
- ✓ Cut large-diameter, ultra-long and extra-heavy tube
- ✓ Come with automatic loading & unloading devices featured by servo control and fast response
- ✓ Side-attached machine tool bed with large loading capacity
- ✓ One-step $\pm 45^\circ$ beveling (optional)



12050HT

Model	HT Series
Laser Power (kW)	6-20
Max Length of Tube (mm)	12000
Scope of Tube Size (mm)	Round tube: $\Phi 50-550$, square tube: $\square 50*50-500*500$
Max Weight of Tube (kg)	2000
X/Y-axis Positioning Accuracy (mm)	$\pm 0.1/20000$
X/Y-axis Repositioning Accuracy (mm)	± 0.05
Max No-load Speed (m/min)	40
Max Rotating Speed of Chucks (r/min)	40
$\pm 45^\circ$ Beveling	Yes (optional)
Tube Supports	Follow-up supports
Loading & Unloading Devices	Semi-automatic loading device (optional)/12m long unloading device
Overall Dimensions (L*W*H, mm)	29000*7200*4150

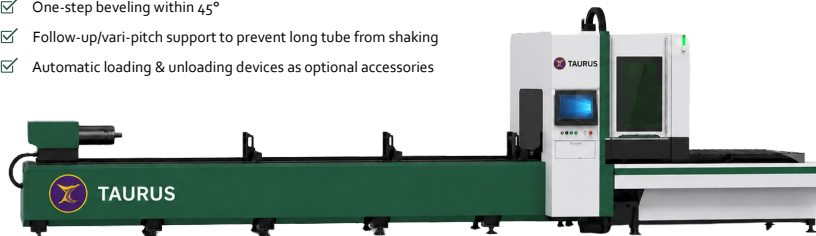
Affordable Models (Tube Laser Cutting Machines)

Two Chucks

Laser power: 1.5-6kW

Tube size: 10-360mm

- ✓ Intelligent bus-based CNC system, with fast and stable data transmission
- ✓ Precision pneumatic chucks for the shorter tailing
- ✓ One-step beveling within 45°
- ✓ Follow-up/vari-pitch support to prevent long tube from shaking
- ✓ Automatic loading & unloading devices as optional accessories



Model	T Series		GT Series	
Laser Power (kW)			3-6	
Max Length of Tube (mm)	6000		6000	
Scope of Tube Size (mm)	Round tube: $\Phi 10-360$	Square tube: $\square 10*10-360*360$	Round tube: $\Phi 10-360$	Square tube: $\square 10*10-360*360$
Max Weight of Tube (kg)	150-500		250-700	
X/Y-axis Positioning Accuracy (mm)	± 0.05		± 0.05	
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.02-\pm 0.03$		$\pm 0.02-\pm 0.03$	
Max No-load Speed (m/min)	60-100		60-75	
Max Acceleration (G)	0.5-1.2		0.5-0.8	
Max Rotating Speed of Chucks (r/min)	60-140		60-100	
45° Beveling	No		Yes	
Overall Dimensions (L*W*H, mm)	8900*2100*2100/9260*1900*2280 9260*1900*2280/9500*2050*2550		10200*2280*2530	

Tube Laser Cutting Machines

GPLUS Series

Laser power: 1.5-3kW

Tube size: 15-120mm

- ✓ Offer both straight and bevel cutting to satisfy more demands
- ✓ Cut small tubes with ultra-short (50mm) tailing at fast speed
- ✓ Use intelligent bus-based CNC system and professional nesting software
- ✓ Its servo-control follow-up supports used to prevent low precision caused by long tube sagging
- ✓ Come with fully-automatic loading device to reduce manual operations and speed up production



6012GPLUS

Model	GPLUS Series
Laser Power (kW)	1.5-3
Max Length of Tube (mm)	6500
Scope of Tube Size (mm)	Round tube: Φ 15-120, square tube: $\square$ 15*15-120*120
Max Weight of Tube (kg)	120
X/Y-axis Positioning Accuracy (mm)	± 0.05
X/Y-axis Repositioning Accuracy (mm)	± 0.02
Max No-load Speed (m/min)	150
Max Rotating Speed of Chucks (r/min)	240
$\pm 45^\circ$ Beveling	Yes
Tube Supports	Follow-up supports
Loading & Unloading Devices	Fully-automatic loading device
Overall Dimensions (L*W*H, mm)	9100*2230*2300

Tube Laser Cutting Machines

SF1500CH

Laser power: 12-20kW

Working area: 28000*3000mm

- ✓ Special for cutting large H beam, also deal with T-shaped, channel and I beam
- ✓ 6 functions incl. marking, web piercing, overweld hole cutting, beveling, cutoff, sheet cutting
- ✓ Both straight cutting and beveling that facilitates later welding
- ✓ Double work stations, custom-made as needed, make it easy to load and unload
- ✓ Multiple H beam/sheet cutting tables available (optional)



1500CH

Model	SF1500CH
Laser Power (kW)	12-20
Working Area (L*W, mm)	28000*3000 (max width if beveling: 2500mm)
Max Width of H Beam (web, mm)	1200
Max Height of H Beam (flange slab, mm)	500
Max Thickness of H Beam (mm)	≤40
X/Y-axis Positioning Accuracy (mm)	±0.1
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	60
±45° Beveling	Yes
Overall Dimensions (L*W*H, mm)	35670*5900*3030

Tube Laser Cutting Machines

SF1500CH

Laser power: 12-20kW

Working area: 28000*3000mm

- ✓ Special for cutting large H beam, also deal with T-shaped, channel and I beam
- ✓ 6 functions incl. marking, web piercing, overlaid hole cutting, beveling, cutoff, sheet cutting
- ✓ Both straight cutting and beveling that facilitates later welding
- ✓ Double work stations, custom-made as needed, make it easy to load and unload
- ✓ Multiple H beam/sheet cutting tables available (optional)



1500CH

Model	SF1500CH
Laser Power (kW)	12-20
Working Area (L*W, mm)	28000*3000 (max width if beveling: 2500mm)
Max Width of H Beam (web, mm)	1200
Max Height of H Beam (flange slab, mm)	500
Max Thickness of H Beam (mm)	≤40
X/Y-axis Positioning Accuracy (mm)	±0.1
X/Y-axis Repositioning Accuracy (mm)	±0.05
Max No-load Speed (m/min)	60
±45° Beveling	Yes
Overall Dimensions (L*W*H, mm)	35670*5900*3030

Tube Laser Cutting Machines

NT Series

Laser power: 3-6kW

Tube size: 20-360mm



- ✓ Bus-based CNC system with automatic nesting software, in support of files of various formats
- ✓ Three square-hole chucks to expand its clamping range
- ✓ Horizontal machine body, featuring heavy load, modular structure and coaxial treatment
- ✓ Provide fully-/semi-automatic loading & unloading devices as optional, needing no manual intervention
- ✓ Cut tubes into $\pm 45^\circ$ bevel (optional) for easy subsequent welding

9035NT

Model	NT Series
Laser Power (kW)	3-6
Max Length of Tube (mm)	6500-12000
Scope of Tube Size (mm)	Round tube: $\Phi 20-360$; square tube: $\square 20-20-360-360$
Max Weight of Tube (kg)	260-700
X/Y-axis Positioning Accuracy (mm)	± 0.05
X/Y-axis Repositioning Accuracy (mm)	± 0.03
Max No-load Speed (m/min)	60-75
Max Rotating Speed of Chucks (r/min)	60-100
$\pm 45^\circ$ Beveling	Yes (optional)
Tube Supports	Follow-up supports
Loading & Unloading Devices	Semi-/fully-automatic loading device/3m long unloading device (or 6-12m long as optional)
Overall Dimensions (L*W*H, mm)	13350*2750*2615/13500*2750*3390/16500*2750*2615/16500*2750*3390/19500*2750*3390

Tube Laser Cutting Machines

T Series

Laser power: 1.5-6kW

Tube size: 15-360mm

- ✓ Intelligent bus-based CNC system featuring fast and stable data transmission
- ✓ Precision pneumatic chucks for the shorter tailing
- ✓ Follow-up/vari-pitch support to prevent long tube from shaking
- ✓ Offer automatic loading & unloading devices as optional to save labor force
- ✓ Cut small tubes without overburning or adhering slag and cut large pipes at fast speed



6024T

Model	T Series
Laser Power (kW)	1.5-6
Max Length of Tube (mm)	6200-6500
Scope of Tube Size (mm)	Round tube: $\Phi 15-360$; square tube: $15*15-360*360$
Max Weight of Tube (kg)	120-500
X/Y-axis Positioning Accuracy (mm)	± 0.05
X/Y-axis Repositioning Accuracy (mm)	$\pm 0.02/\pm 0.03$
Max No-load Speed (m/min)	60-150
Max Rotating Speed of Chucks (r/min)	60-180
$\pm 45^\circ$ Beveling	No
Tube Supports	Follow-up/vari-pitch supports
Loading & Unloading Devices	Semi-/fully-automatic loading device/ (optional) 2m long unloading device
Overall Dimensions (L*W*H, mm)	8900*2100*2100/8980*3100*2100/9260*3900*2280 9260*3900*2280/9500*2050*2550

Tube Laser Cutting Machines

PLUS Series

Laser power: 1.5-6kW

Tube size: 15-230mm

- ✓ Special for small tubes (15mm at minimum)
- ✓ Pioneer ultra-fast tube cutting technology, with 50% faster than others
- ✓ Follow-up supports used to avoid low precision caused by long tube sagging
- ✓ Side-attached machine body for high stability and carrying ability
- ✓ Work with semi-/fully-automatic loading & unloading devices



6012PLUS

Model	PLUS Series
Laser Power	1.5-6kW
Max Length of Tube (mm)	3000-6500
Scope of Tube Size (mm)	Round tube: $\Phi 15-230$, square tube: $15*15-230*230$
Max Weight of Tube (kg)	60-260
X/Y-axis Positioning Accuracy (mm)	± 0.05
X/Y-axis Repositioning Accuracy (mm)	± 0.02
Max No-load Speed (m/min)	100-150
Max Rotating Speed of Chucks (r/min)	100-240
$\pm 45^\circ$ Beveling	Yes (only 6012PLUS, optional for others)
Tube Supports	Follow-up supports
Loading & Unloading Devices	Semi-/fully-automatic loading & unloading device
Overall Dimensions (L*W*H, mm)	83700*1780*2410/9100*2230*2300/9100*2230*2300/9320*3100*2500

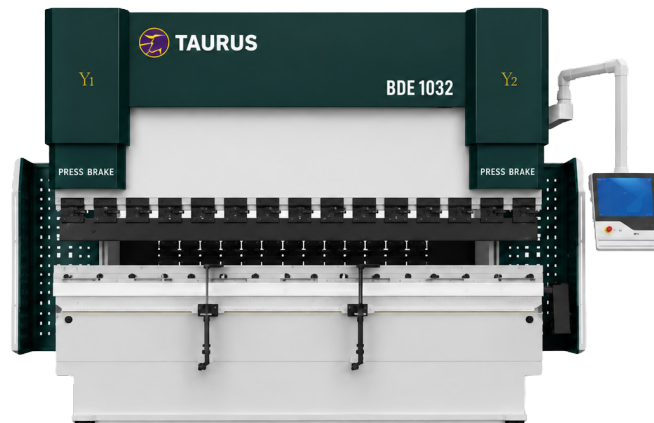
CNC Press Brake

Electro-hydraulic Hybrid Press Brake

Max bending force: 14000kN

Workpiece thickness: $\leq 38\text{mm}$

- ✓ Bend into dozens of different shapes
- ✓ Over 50 kinds of models available to bend large-sized and thick workpiece
- ✓ Employ mechanical deflection compensation system to ensure high bending precision
- ✓ Machine body can work for a long time after going through professional treatments
- ✓ Interconnect with robots/loading & unloading truss to bend, load and unload automatically



Common Press Brake

Model		BDE
Bending Force (kN)		6-14000
Max Bending Length (mm)		8000
Max Throat Depth (mm)		1000
Max Width between Columns (mm)		6000
Max Open Height (mm)		900
Speed (mm/s)	Approach	90-180
	Bend	0-10
	Return	90-160
Max Overall Dimensions (L*W*H, mm)		7800*8500*8200

CNC Press Brake

Tandem Press Brake

Max bending force: 6000kN

Max bending length: 12000mm

- ✓ Two press brakes work in double harness to double the bending length
- ✓ Fit for bending ultra-long workpieces like lamp post and power pole
- ✓ Employ mechanical deflection compensation system to ensure high bending precision
- ✓ Its graphical programming will speed up programming and make it more accurate
- ✓ Interconnect with robots/loading & unloading truss to bend, load and unload automatically



Tandem Press Brake

Model		BDE
Bending Force (kN)		1000-6000
Bending Length (mm)		(3200-6000)*2
Throat Depth (mm)		400-600
Width between Columns (mm)		2600-4800
Open Height (mm)		480-670
Speed (mm/s)	Approach	90-180
	Bend	0-10
	Return	90-160
Overall Dimensions (L*W*H, mm)		(3700*1930*2630-6200*2700*4750)*2

CNC Press Brake

CNC Press Brake

Bending force: 400kN

Max bending speed: 30mm/s

- ✓ Fit for bending thin sheet and precise workpiece
- ✓ 3 times (30mm/s) faster than hydraulic press brakes at least
- ✓ Need electric power only when bending, less or even no power consumption while sliding block moving and stopping
- ✓ Driven by electric power, no hydraulic oil required to prevent leakage or waste oil pollution
- ✓ Work with robot to bend automatically, so as to make manual labor easier and bending safer

Model		BDE4016
Bending Force (kN)		400
Bending Length (mm)		1600
Depth of Throat (mm)		250
Width Between Columns (mm)		1200
Open Height (mm)		470
Speed (mm/s)	Approach	200
	Bend	0-30
	Return	200
Overall Dimensions (L*W*H, mm)		2100*2290*1730
Machine Weight (kg)		3700



CNC Press Brake

CNC Press Brake

Bending force: 400-2500kN

Bending length: 1600-4100mm

- ✓ Employ robust mechanical synchronization structure to cope with eccentric loading easily
- ✓ Ideal for medium-thick plates, structural components and high-intensity, high-load scenarios
- ✓ Work with hi-end CNC system for easy programming
- ✓ High-strength bed accepting stress relief, large-planer milling and more
- ✓ Low demands for repair, maintenance and costs of purchase due to simple construction



Model		BDE
Bending force (kN)		400-2500
Bending length (mm)		1600-4100
Depth of throat (mm)		250-400
Width between columns (mm)		1200-3100
Open height (mm)		430-485
Ram Speed (mm/s)	Approach	100-120
	Bend	0-10
	Return	100
Overall dimensions (L*W*H, mm)		2100*1350*2150-4600*1830*3015
Machine weight (kg)		3000-9800