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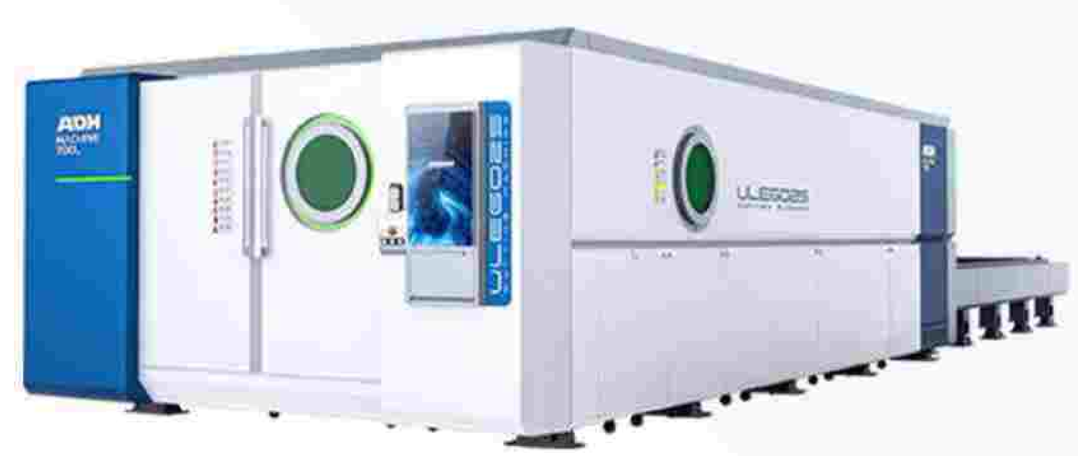
ADH MACHINE TOOL

BROCHURE

Go For Quality, Go For Us!

CNC Press Brake

Shearing Machine



Laser Cutting Machine

Panel Bender

2023

WHO WE ARE

ADH Company, founded in 2002, is located in Ma'anshan City, Anhui Province, which is 30 kilometers away from Nanjing Lukou Airport.
Our company covers an area of 450 Mu and mainly produces press brake machines, hydraulic shearing machines, laser cutting machines, laser automation, CNC turret punches, and sheet metal automation equipment.
ADH has three production bases, four testing centers, and three business divisions: press brake machine manufacturing, laser cutting machine manufacturing, and industrial automation manufacturing. It is equipped with 9 heavy floor boring machines, multiple 4-16m pentahedral gantry machining centers, a 16m large heat treatment annealing furnace, a shot blasting machine, a 20m electric welding platform, a 10000-ton bending machine special assembly platform, and some other heavy processing equipment, with an annual output of more than 5000 sets of various machine tools.
Our company has a complete set of product quality management systems, and each equipment can leave the factory only after passing the strict quality inspection process.
We have set up more than 150 offices and after-sales service outlets at home and abroad. Our service network covers the world, and our products are exported to more than 100 countries in South America, Southeast Asia, Europe, the Middle East, and other regions.
ADH, a rising brand, is committed to becoming a new driving force for the development of intelligent equipment. At the same time, we provide the best cutting and bending machine tools for customers all over the world.

About us

CONTENTS

ABOUT US

Our Company

Since the establishment of our company, we have undergone 20 years of development. Through the joint efforts of two generations, we have become the largest local machine tool manufacturer. our strength speaks for itself.

An enterprise that does not prioritize technology and R&D cannot sustain continuous development. Our leadership places technology first, allowing our machines to maintain high competitiveness in the current market environment. this sets us apart from many competitors in the industry.

We have always prioritized providing customers with the highest quality machines. We understand that customers feel excitement when they receive a machine of excellent quality, as it helps them in production and achieves career success. this is also our success.

- 40 years manufacturing & servicing experience
- Export to over 80 countries
- More than 40 technicians
- Ranked in the top 5 in China

Mission

We are dedicated to conducting research and development, enhancing product and service quality, in order to establish a globally renowned hub for sheet metal manufacturing machinery.

Vision

Our goal is to be a respected provider of sheet metal support services, earning the trust of our customers and the pride of our staff.

Values

Innovation, Lean, Integrity, Win-Win.

PRODUCT SHOWROOM

- 600 square meters of intelligent exhibition hall.
- Annual production of more than 5000 machine tools.

FABRICATION EQUIPMENT

16m Pentahedral Machining Center

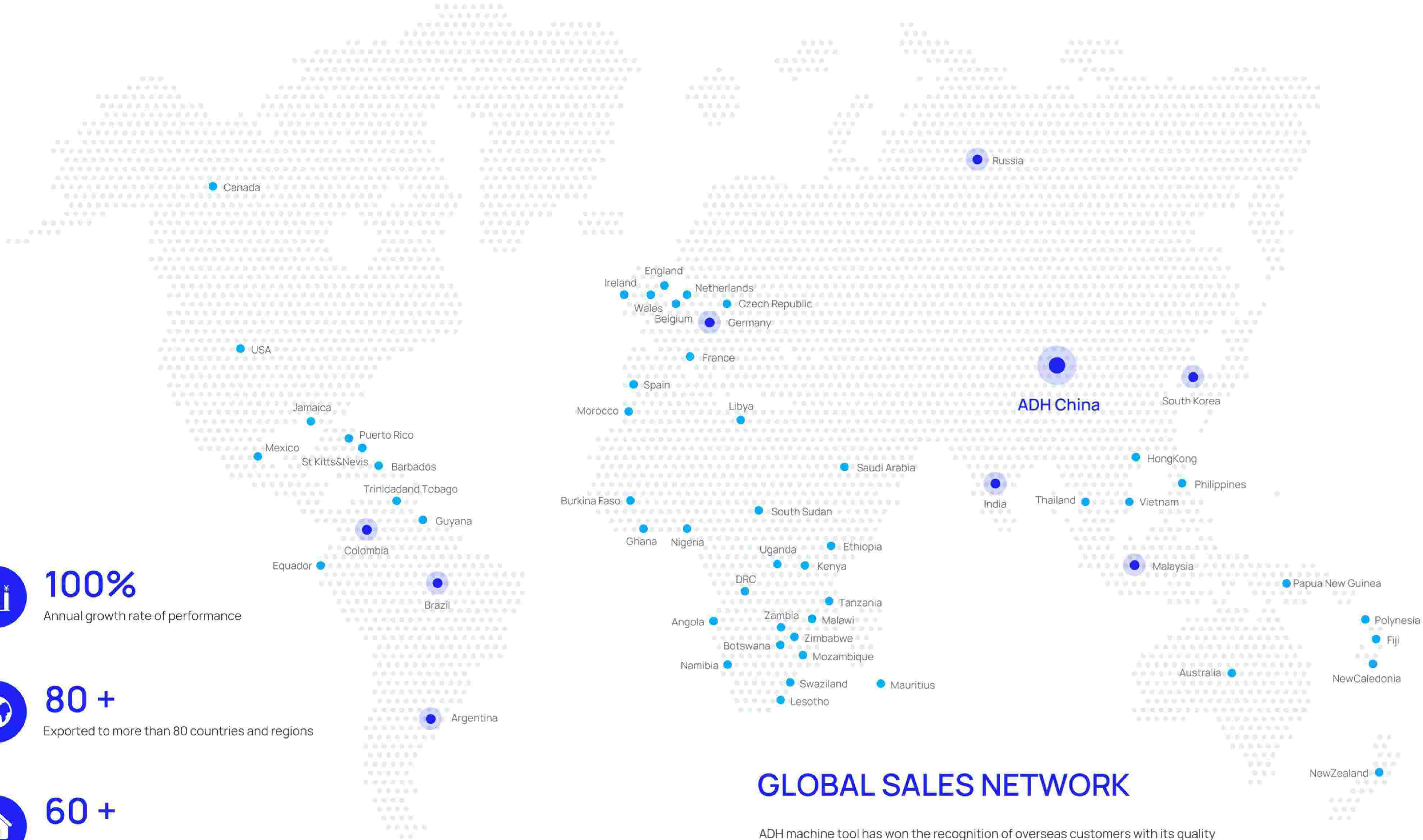
4m Pentahedral Machining Center

8m Pentahedral Machining Center

Large Heat Treatment Annealing Furnace

Shot Blasting Machine

FABRICATION EQUIPMENT



100%
Annual growth rate of performance

80 +
Exported to more than 80 countries and regions

60 +
More than 60 offices at home and abroad

GLOBAL SALES NETWORK

ADH machine tool has won the recognition of overseas customers with its quality and service, and its volume and value of overseas exports are leading in China.

ENTERPRISE HONOR

Our company adheres to the development philosophy of "technical innovation, scientific management, customer-first" and has continuously achieved high-end technological research and development through strong technological innovation. The standardized scientific management, strong technical control, and customer-centric service model have continuously won awards and praise from society and the public.

50 +
Patent certificate

90 +
Various awards and certifications

Anhui famous brand

National high-tech enterprise

(Same Patents & Awards)

OBTAIN SOME PATENTS & CERTIFICATES

Chinese famous trademark
December 2014

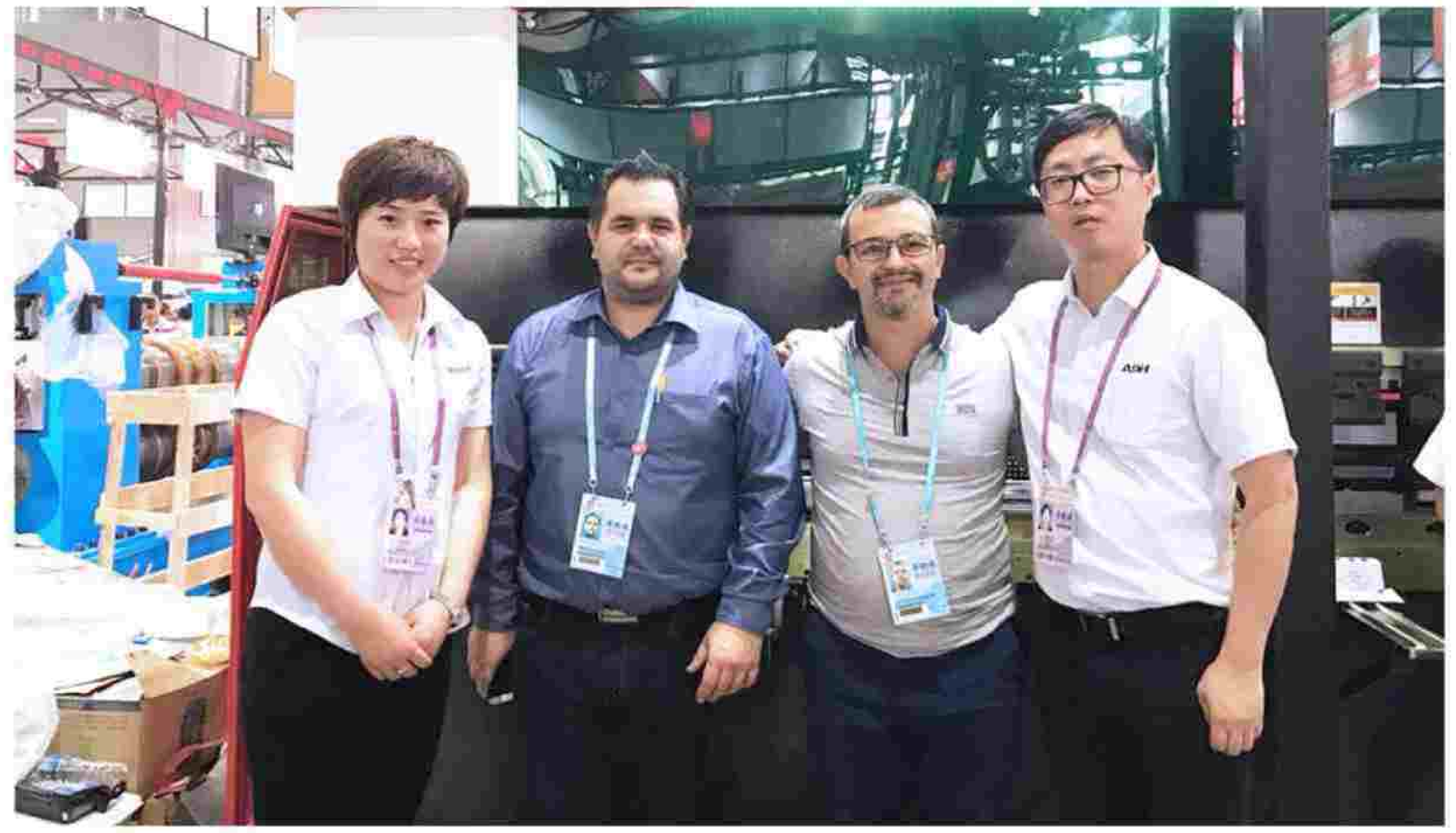
National contract abiding and trustworthy enterprise
2014-2015

EXHIBITION PROFILE

In recent years,ADH has been invited to participate in many large domestic and foreign exhibitions. With self-developed and advanced intelligent equipment,the ADH Booth has repeatedly become the focus of attention at major exhibitions, and has successfully attracted numerous domestic and foreign manufacturers to consult and negotiate.

30 +
Exhibition release

10000 +
Number of visitors



CERTIFICATION


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Press Brake


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Shearing Machine


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Laser Welding Machine


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Fiber Laser Cutting Machine


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Ironworker


Certificate of Compliance

Certificate's Holder: Anhui Donghai Yuxiang Import & Export Co., Ltd.

Product: Rolling machine

OUR PARTNERS

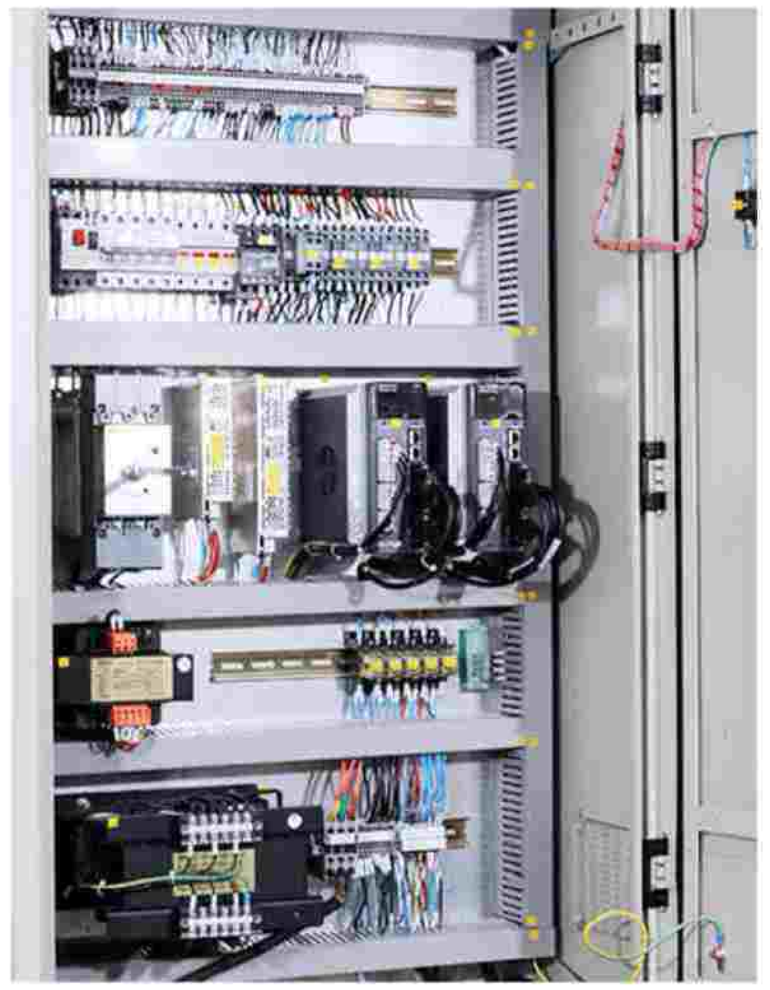
- Delem
- CYBELEC
- SIEMENS
- esa AUTOMATION
- RAYTOOLS
- NOK
- WILA
- DELTA
- ESTUN
- nLIGHT
- HAWE HYDRAULIK
- HIWIN
- Schneider Electric
- Raycus
- IPG PHOTONICS
- VOITH
- HOERBIGER
- PMI
- Rexroth Bosch Group
- Sunny
- KACON
- YASKAWA

NEW

CNC PRESS BRAKE

WAD Series

- Undoubtedly, the controller is the brain of any machine. We provide controllers from renowned brands such as Delem, ESA, and Cybelec, imported from the Netherlands, Italy, and Switzerland respectively.
- The efficient algorithm optimizes the bending cycle, reduces the time required to set work steps, and increases bending efficiency, especially for batch processing.
- The pressure of the hydraulic system can be adjusted according to the practical use to meet the requirements of bending force.
- ADH adopts the well-known German brand Hawei hydraulic system, which has the characteristics of low failure rate and high efficiency.



- This is an electro-hydraulic servo synchronous hydraulic control system with short hydraulic cylinder spacing. It has strong anti eccentric load ability, high synchronization accuracy, low cost and high power density ratio.
- As we all know, servo motors have become the mainstream choice due to their low energy consumption, high dynamics, and ability to improve machine production efficiency. Compared to traditional motors, energy consumption can be reduced by up to 35%, providing customers with the advantages of high efficiency and low operating costs.
- At the same time, we also have an efficient and energy-saving motor from Siemens, Germany, which can meet the daily production needs of customers, and its work efficiency is much higher than that of ordinary motors.

Specifications

WAD/WADE Series With Step/Servo Motor Parameters

Model	Bending Force	Bending Length (A)	Aproaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Open Height (E)	Step/Servo Motor	Weight	Dimensions
	KN	mm	mm/s	mm/s	mm/s	mm	mm	mm	mm	KW	Ton	L*W*H mm
50T/1300	500	1300	220	15.5	200	1120	300	150	460	5.5/6	4.5	1800*1500*2300
50T/1600	500	1600	220	15.5	200	1300	300	150	460	5.5/6	4.5	2100*1500*2300
70T/1600	700	1600	220	15.5	200	1300	300	150	460	5.5/6	5.3	2300*1600*2500
70T/2500	700	2500	220	15.5	200	2050	300	150	460	5.5/6	6	3100*1600*2500
80T/2500	800	2500	220	15	185	2050	300	150	460	7.5/8.7	6.5	3100*1600*2600
110T/2500	1100	2500	220	15	195	2050	400	200	480	11/10.8	8.5	3100*1800*2600
110T/3200	1100	3200	220	15	195	2700	400	200	480	11/10.8	8.5	3800*1800*2600
110T/4000	1100	4000	220	15	195	3100	400	200	480	11/10.8	9.5	4600*1800*2600
110T/4100	1100	4100	220	15	195	3600	400	200	480	11/10.8	10	4700*1800*2700
135T/3200	1350	3200	220	12	150	2700	400	200	480	11/10.8	10	3800*1800*2700
135T/4000	1350	4000	220	12	150	3100	400	200	480	11/10.8	11	4600*1800*2700
135T/4100	1350	4100	220	12	150	3600	400	200	480	11/10.8	11	4700*1800*2700
170T/3200	1700	3200	160	12	122	2700	450	200	480	15/13.2	11.8	3800*2000*2800
170T/4000	1700	4000	160	12	122	3100	450	200	480	15/13.2	13	4600*2000*2800
170T/4100	1700	4100	160	12	122	3600	450	200	480	15/13.2	13	4700*2000*2800
220T/3200	2200	3200	160	11.5	135	2600	450	200	480	18.5/16.7	13	3800*2200*2850
220T/4000	2200	4000	160	11.5	135	3100	450	200	480	18.5/16.7	15	4600*2200*2850
250T/3200	2500	3200	100	10.5	130	2600	450	250	540	22/16.7	16.5	3500*2000*2900
250T/4000	2500	4000	100	10.5	130	3100	450	250	540	22/16.7	18.8	4300*2100*3100
250T/5000	2500	5000	100	10.5	130	3800	450	250	540	22/16.7	23	5300*2150*3150
250T/6000	2500	6000	100	10.5	130	4800	450	250	540	22/16.7	25	6300*2150*3150
300T/3200	3000	3200	80	8.5	110	2600	500	250	570	22	19.5	3800*2250*3200
300T/4000	3000	4000	80	8.5	110	3100	500	250	570	22	21	4600*2500*3400
300T/5000	3000	5000	80	8.5	110	3800	500	250	570	22	27.5	5600*2500*3400
300T/6000	3000	6000	80	8.5	110	4800	500	250	570	22	31	6600*2500*3400
400T/3200	4000	3200	80	8	80	2600	500	300	610	30	23	3800*2700*3500
400T/4000	4000	4000	80	8	80	3100	500	300	610	30	30	4600*2700*3500
400T/5000	4000	5000	80	8	80	3800	500	300	610	30	32	5600*2700*3500
400T/6000	4000	6000	80	8	80	4800	500	300	610	30	38	6600*2700*3500
500T/4000	5000	4000	80	8.5	90	3100	500	300	610	37	37	4600*2700*3500
500T/5000	5000	5000	80	8.5	90	3800	500	300	610	37	42	5600*2700*3500
500T/6000	5000	6000	80	8.5	90	4800	500	300	610	37	48	6600*2700*3600
600T/4000	6000	4000	80	8.5	85	3100	600	320	650	45	48	4600*3300*3900
600T/5000	6000	5000	80	8.5	85	3800	600	320	650	45	52	5600*3300*3900
600T/6000	6000	6000	80	8.5	85	4800	600	320	650	45	58	6600*3300*3900
600T/7000	6000	7000	80	8.5	85	5600	600	320	650	45	68	7600*3300*3900
700T/6000	7000	6000	80	8.5	85	4900	600	320	700	55	78	6600*3500*4000
800T/6000	8000	6000	80	8	90	4600	600	320	800	30*2	79	6600*3500*4000
800T/7000	8000	7000	80	8	90	5600	600	320	800	30*2		7600*3500*4200
800T/8000	8000	8000	80	8	90	6600	600	320	800	30*2		8600*3600*4500
800T/10000	8000	10000	80	8	90	7800	600	320	800	30*2		10600*3600*4900

NC PRESS BRAKE

WC67E Series

- Estun E300P series can control the X and Y axis, and the bending steps can be edited in the controller.
- Estun E300P, Delem DA41T, and Cybelec CT8 controllers have additional angle programming functions, touch screens, and R-axis control functions, which make bending easier.
- It can perform the actions of rapid descent, slow descent, bending at working speed, rapid return, and emergency stop of the ram during the up and down process.
- The machine can work continuously under the rated load. The hydraulic system has no leakage and maintains high precision with continuous stability.

- High-quality hydraulic valves (Rexroth brand) are adopted, which are resistant to high pressure, durable, and trouble-free.
- The oil pump uses a (USA Sunny) gear pump made of high-strength cast iron that has a unique internal noise reduction design and can withstand high pressure while operating quietly.
- The rear stop assembly is independently designed with high precision and is equipped with a high-precision ball screw, adjustable stop finger, and manual lifting. This assembly can adapt to different punches.
- Equipped with Estun original adaptive electrical box assembly, with strong anti-interference ability and stable electrical operation.

Specifications

Torsion-sync NC Press Brake Parameters

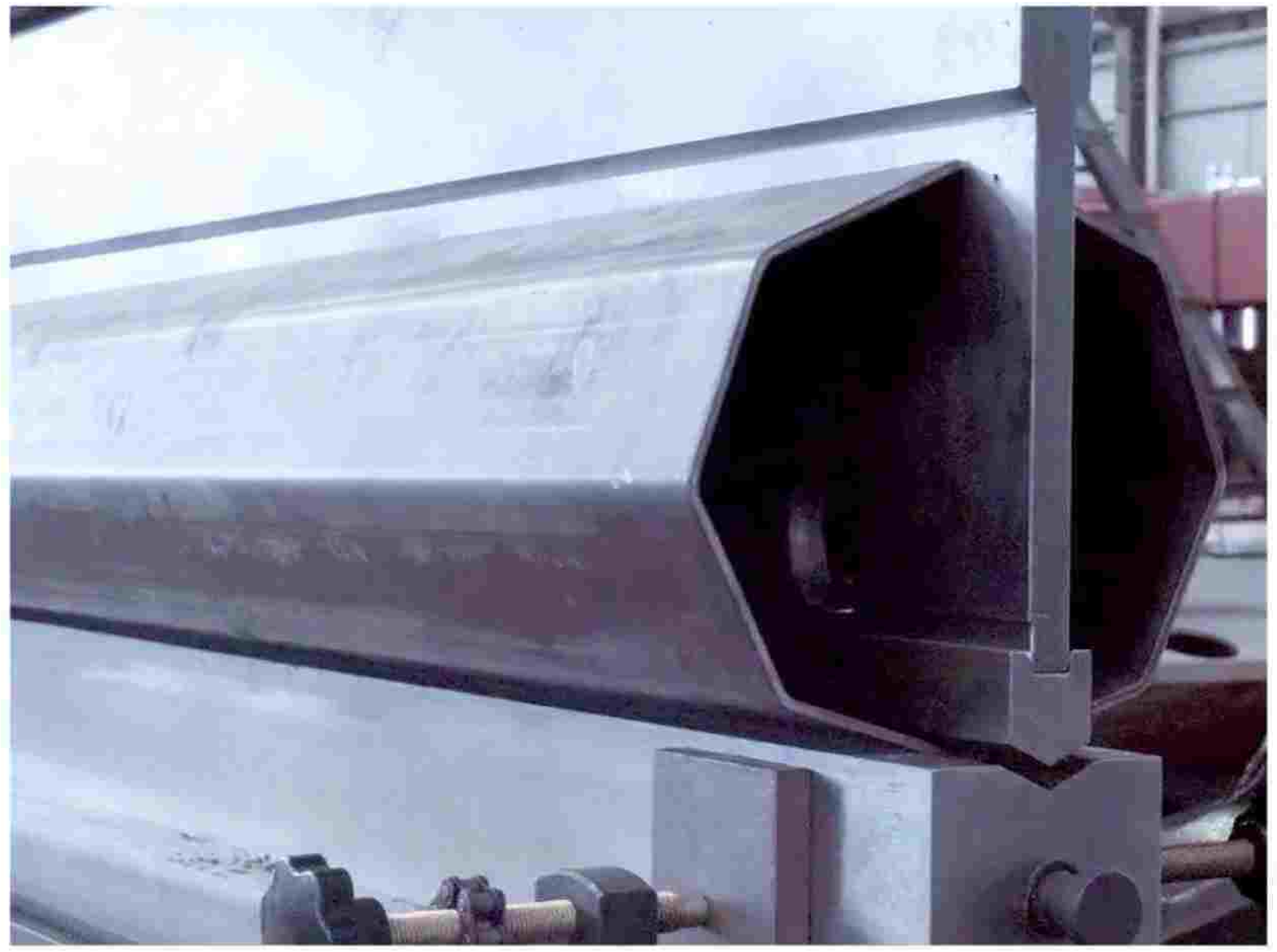
Model	Bending Force	Bending Length (A)	Aprroaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Opening Height (E)	Main Motor	Weight	Dimensions
Unit	Kn	mm	mm/s	mm/s	mm/s	mm	mm	mm	mm	Kw	Ton	L¡ÁW¡ÁH mm
30t/1600	300	1600	120	17	160	1300	200	80	320	5.5	2.3	1650*1200*1700
30t/2000	300	2000	140	17	160	1300	200	80	320	5.5	2.5	2000*1200*1700
40t/2500	400	2500	110	15	90	2030	250	100	340	5.5	3.5	2500*1200*1900
63t/2500	630	2500	100	10	70	2050	250	120	340	5.5	4.5	2500*1350*2100
63t/3200	630	3200	120	10	70	2510	250	120	340	5.5	5	3200*1350*2100
80t/2500	800	2500	110	10	80	2050	250	120	350	5.5	6	2500*1400*2150
80t/3200	800	3200	130	10	80	2510	250	120	350	5.5	6.2	3200*1400*2150
100t/2500	1000	2500	90	8	70	2050	320	120	380	7.5	6.5	2500*1500*2200
100t/3200	1000	3200	100	8	70	2510	320	120	380	7.5	7	3200*1500*2300
100t/4000	1000	4000	120	8	70	3100	320	120	380	7.5	8.5	4000*1500*2400
WX67Y-100t/4000	1000	4000	130	8	70	3100	420	160	435	7.5	9	4000*1650*2500
125t/3200	1250	3200	95	7	65	2510	320	120	380	7.5	7.5	3200*1600*2350
125t/4000	1250	4000	110	7	65	3100	400	120	380	7.5	9.5	4000*1600*2450
WX67Y-125t/4000	1250	4000	120	7	65	3100	420	160	435	7.5	10	4000*1700*2500
160t/2500	1600	2500	100	10	100	2050	320	200	450	11	9	2500*1650*2700
160t/3200	1600	3200	110	10	100	2510	320	200	450	11	11	3200*1650*2800
160t/4000	1600	4000	120	10	100	3040	320	200	450	11	12	4000*1650*2800
160t/5000	1600	5000	130	10	100	3800	320	200	450	11	14.5	5000*1750*3100
160t/6000	1600	6000	140	10	100	4600	320	200	450	11	19.5	6000*1750*3300
200T/3200	2000	3200	80	9	105	2600	320	250	540	15	13.5	3200*1900*3100

Model	Bending Force	Bending Length (A)	Aprroaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Open Height (E)	Step/Servo Motor	Weight	Dimensions
200T/3200C	2000	3200	110	10	100	2510	320	200	450	11	11.5	3200*1650*2800
200T/4000	2000	4000	90	9	105	3300	320	250	540	15	15	4000*1900*3100
200T/4000C	2000	4000	120	10	100	3040	320	200	450	11	12.5	4000*1650*2800
200T/5000	2000	5000	120	7	80	3800	320	250	540	15	19	5000*1950*3100
200T/6000	2000	6000	120	7	80	4600	320	250	540	15	21	6000*1950*3100
250T/3200	2500	3200	90	9	100	2600	400	250	580	18.5	17	3300*2100*3150
250T/4000	2500	4000	100	9	100	3300	400	250	580	18.5	20	4000*2100*3150
250T/5000	2500	5000	110	8	100	3800	400	250	580	18.5	23	5000*2100*3200
250T/6000	2500	6000	120	8	100	4600	400	250	580	18.5	25.5	6000*2100*3200
300T/3200	3000	3200	90	8	75	2600	400	250	580	18.5	21	3200*2200*3200
300T/4000	3000	4000	100	8	75	3300	400	250	580	18.5	23	4000*2200*3200
300T/5000	3000	5000	110	8	75	3800	400	250	580	18.5	25	5000*2200*3200
300T/6000	3000	6000	130	8	75	4600	400	250	580	18.5	27.5	6000*2200*3200
400T/4000	4000	4000	70	7	60	3300	400	250	580	22	26	4000*2400*3200
400T/5000	4000	5000	80	7	60	3800	400	250	580	22	32	5000*2400*3200
400T/6000	4000	6000	100	7	60	4400	400	250	580	22	35	6000*2400*3200
500T/4000	5000	4000	70	6	55	3300	500	320	620	30	33	4000*2650*3200
500T/5000	5000	5000	90	6	55	3800	500	320	620	30	37.5	5000*2650*3200
500T/6000	5000	6000	120	6	55	4410	500	320	620	30	43.5	6000*2700*3200
500T/7000	5000	7000	130	6	55	5400	500	320	620	30	55	7000*2700*3200
600T/4000	6000	4000	80	6	65	3300	500	320	620	37	45	4000*2700*3200
600T/5000	6000	5000	90	6	65	3800	500	320	620	37	48	5000*2700*3250
600T/6000	6000	6000	110	6	65	4600	500	320	620	37	55	6000*2700*3300
600T/7000	6000	7000	120	6	65	5400	500	320	620	37	62	7000*2900*3500

TANDEM PRESS BRAKE

WAD Series

- The efficient algorithm optimizes the bending cycle and reduces the setup time, making bending more efficient, particularly for batch processing.
- This is an electro-hydraulic servo synchronous control system with short hydraulic cylinder spacing. It boasts strong anti-eccentric load capabilities, high synchronization accuracy, low cost, and a high power density ratio.
- The pressure of the hydraulic system can be adjusted to meet the bending force requirements according to its practical use.
- ADH adopts the well-known German brand, Huawei hydraulic system, which boasts a low failure rate and high efficiency.



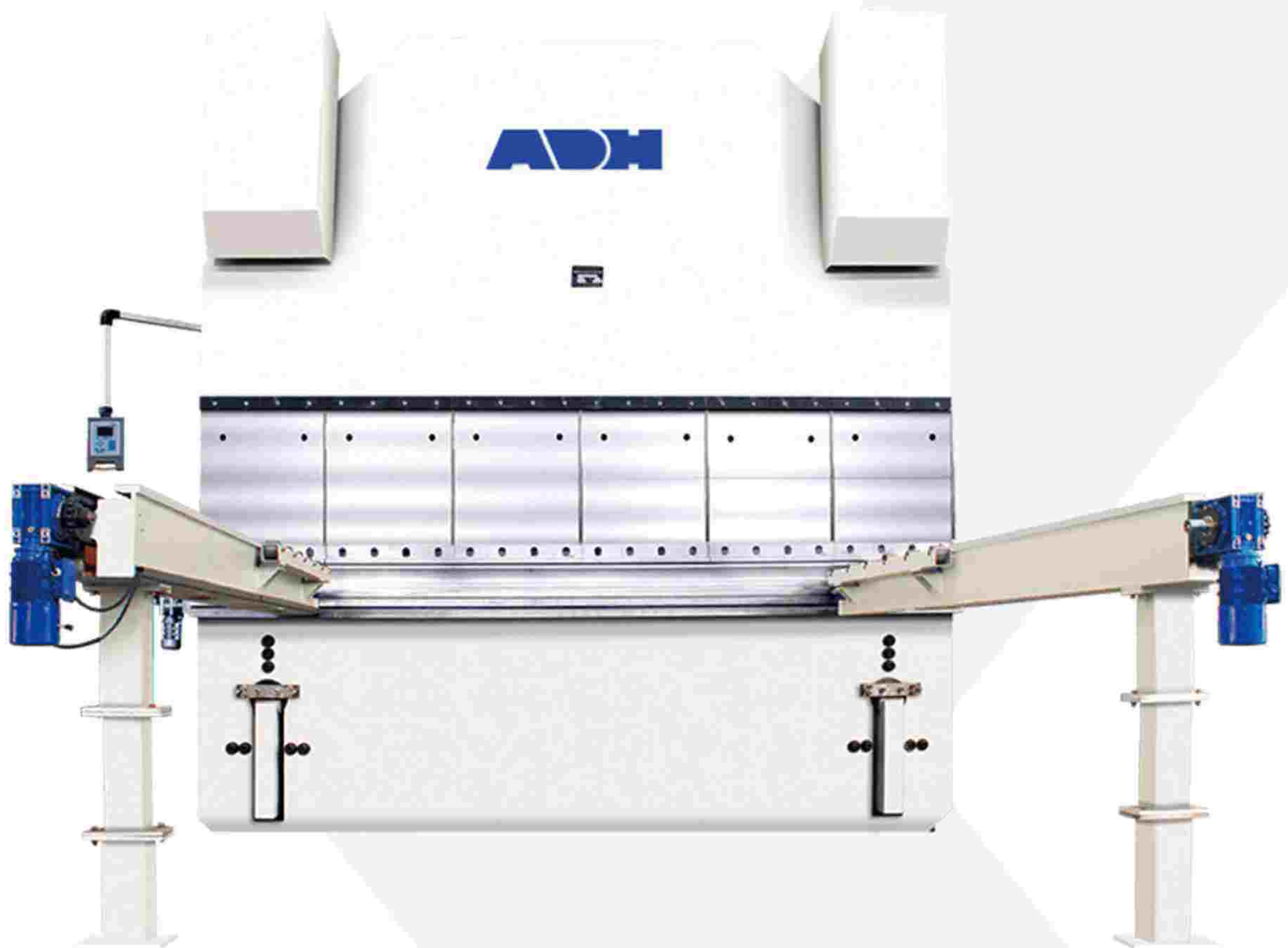
- The oil pump is constructed of high-strength cast iron and features a unique internal design for reducing noise. It has low sensitivity to oil contamination and a long service life.
- As we all know, servo motors have become the mainstream, with the main goal being low energy consumption, high dynamics, and improved machine production efficiency. Compared to traditional motors, energy consumption can be reduced by up to 35%, providing customers with the benefits of high efficiency and low operating costs.
- At the same time, we also offer an efficient and energy-saving motor from Siemens, Germany. This motor can meet the daily production needs of our customers and has a much higher work efficiency compared to ordinary motors.

Specifications

Tandem Press Brake Parameters

Model	Bending Force	Bending Length (A)	Arproaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Opening Height (E)	Main Motor	Weight	Dimension
Unit	KN	mm	mm/s	mm/s	mm/s	mm	mm	mm	mm	KW	Ton	L×W×H mm
50T/1300	500	1300	220	13	160	1120	300	150	460	5.5	4.5	1800*1500*2300
70T/1600	700	1600	220	13	160	1300	300	150	460	5.5	5.3	2300*1600*2500
70T/2500	700	2500	220	13	160	2050	300	150	460	5.5	6	3100*1600*2500
80T/2500	800	2500	220	12	145	2050	300	150	460	7.5	6.5	3100*1600*2600
110T/2500	1100	2500	220	12	160	2050	400	200	480	11	8.5	3100*1800*2600
110T/3200	1100	3200	220	12	160	2700	400	200	480	11	8.5	3800*1800*2600
110T/4000	1100	4000	220	12	160	3100	400	200	480	11	9.5	4600*1800*2600
110T/4100	1100	4100	220	12	160	3600	400	200	480	11	10	4700*1800*2700
135T/3200	1350	3200	220	10	130	2700	400	200	480	11	10	3800*1800*2700
135T/4000	1350	4000	220	10	130	3100	400	200	480	11	11	4600*1800*2700
135T/4100	1350	4100	220	10	130	3600	400	200	480	11	11	4700*1800*2700
170T/3200	1700	3200	160	10	100	2700	450	200	480	15	11.8	3800*2000*2800
170T/4000	1700	4000	160	10	100	3100	450	200	480	15	13	4600*2000*2800
170T/4100	1700	4100	160	10	100	3600	450	200	480	15	13.5	4700*2000*2800
220T/3200	2200	3200	160	9	105	2600	450	200	480	18.5	13	3800*2200*2850
220T/4000	2200	4000	160	9	105	3100	450	200	480	18.5	15	4600*2200*2850
250T/3200	2500	3200	100	8.5	100	2600	450	250	540	22	16.5	3800*2000*2900
250T/4000	2500	4000	100	8.5	100	3100	450	250	540	22	19	4600*2100*3100

Model	Bending Force	Bending Length (A)	Arproaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Open Height (E)	Step/Servo Motor	Weight	Dimensions
250T/5000	2500	5000	100	8.5	100	3800	450	250	540	22	23	5600*2150*3150
250T/6000	2500	6000	100	8.5	100	4800	450	250	540	22	25	6600*2150*3150
300T/3200	3000	3200	80	8.5	110	2600	500	250	570	22	19.5	3800*2250*3200
300T/4000	3000	4000	80	8.5	110	3100	500	250	570	22	21	4600*2500*3400
300T/5000	3000	5000	80	8.5	110	3800	500	250	570	22	27.5	5600*2500*3400
300T/6000	3000	6000	80	8.5	110	4800	500	250	570	22	31	6600*2500*3400
400T/3200	4000	3200	80	8	80	2600	500	300	610	30	23	3800*2700*3500
400T/4000	4000	4000	80	8	80	3100	500	300	610	30	30	4600*2700*3500
400T/5000	4000	5000	80	8	80	3800	500	300	610	30	32	5600*2700*3500
400T/6000	4000	6000	80	8	80	4800	500	300	610	30	38	6600*2700*3500
500T/4000	5000	4000	80	8.5	90	3100	500	300	610	37	37	4600*2700*3500
500T/5000	5000	5000	80	8.5	90	3800	500	300	610	37	42	5600*2700*3500
500T/6000	5000	6000	80	8.5	90	4800	500	300	610	37	48	6600*2700*3600
600T/4000	6000	4000	80	8.5	85	3100	600	320	650	45	48	4600*3300*3900
600T/5000	6000	5000	80	8.5	85	3800	600	320	650	45	52	5600*3300*3900
600T/6000	6000	6000	80	8.5	85	4800	600	320	650	45	58	6600*3300*3900
600T/7000	6000	7000	80	8.5	85	5600	600	320	650	45	68	7600*3300*3900
700T/6000	7000	6000	80	8.5	85	4900	600	320	700	55	78	6600*3500*4000
800T/6000	8000	6000	80	8	90	4600	600	320	800	30*2	79	6600*3500*4000
800T/7000	8000	7000	80	8	90	5600	600	320	800	30*2		7600*3500*4200
800T/8000	8000	8000	80	8	90	6600	600	320	800	30*2		8600*3600*4500
800T/10000	8000	10000	80	8	90	7800	600	320	800	30*2		10600*3600*4900



LARGE PRESS BRAKE

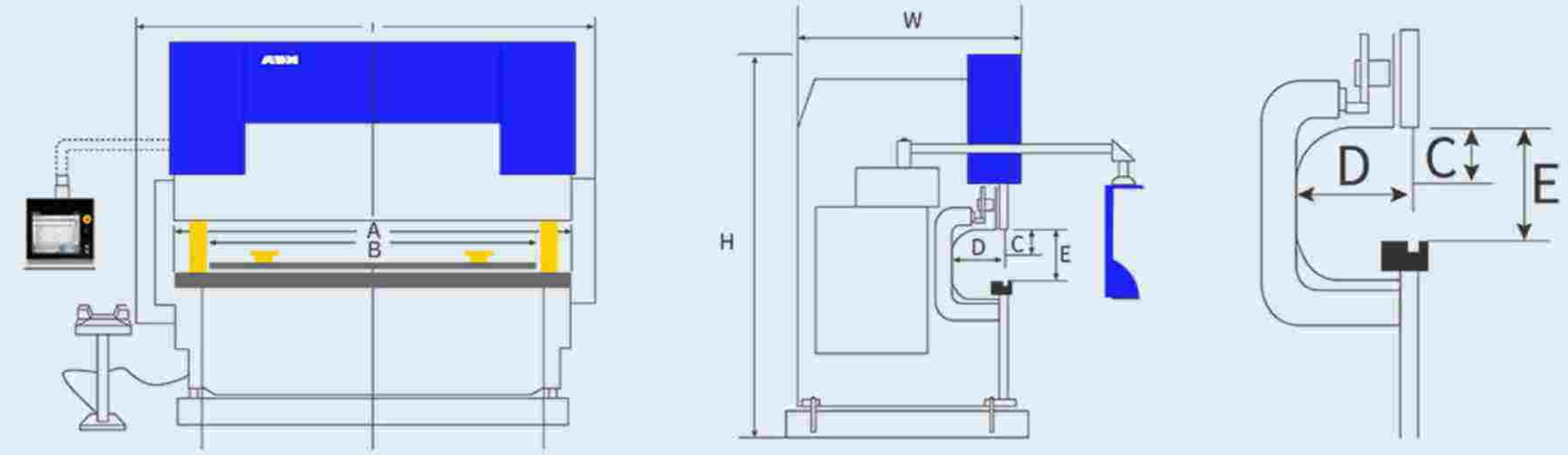
WADF Series

- There is no doubt that the controller is the brain of the entire machine. We offer Delem, ESA, and Cybelec brand controllers, imported from the Netherlands, Italy, and Switzerland respectively.
- The efficient algorithm optimizes the running cycle of bending, reducing the time required for setting the work step, making bending more efficient, particularly for batch processing.
- We utilize Taiwan PMI and PYM ball screws and linear guide rails to ensure that the X-axis movement accuracy is higher compared to screw rods.
- The rear stop employs a synchronous pulley mechanism that is controlled by a servo motor instead of a stepping motor.

- The entire backgauge system undergoes a high-temperature tempering process, which helps to completely eliminate internal stress, enhance the metal's plasticity and toughness, and eliminate any loss of accuracy caused by frame deformation.
- The compensation value is independently calculated based on the total deformation of the ram and worktable, ensuring that the bed's deformation curve aligns perfectly with the compensation curve. This improves consistency in product straightness and angle.
- The front feeding device enables the automatic feeding of metal plates.

Specifications

Large Press Brake Parameters



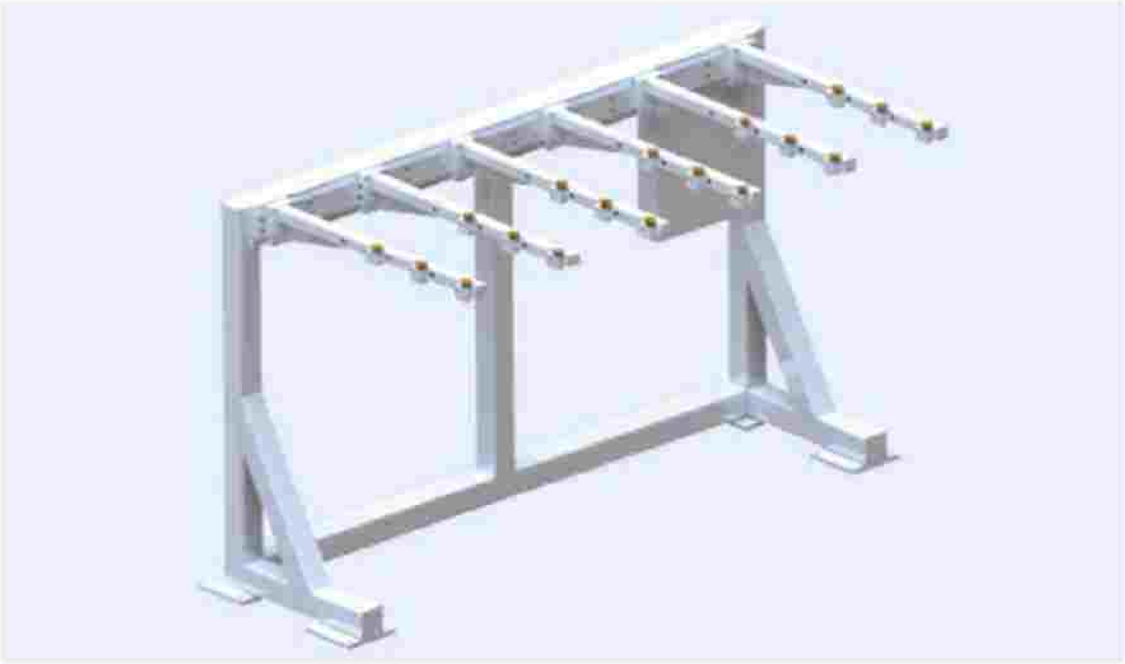
	Bending Force	Bending Length (A)	Approaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Open Height (E)	Main Motor	Weight	Dimensions
Model	KN	mm	mm/s	mm/s	mm/s	mm	mm	mm	mm	KW	Ton	L¡ÁW¡ÁH mm
400T/3200	4000	3200	80	8	80	2600	500	300	610	30	23	3800*2700*3500
400T/4000	4000	4000	80	8	80	3100	500	300	610	30	30	4600*2700*3500
400T/5000	4000	5000	80	8	80	3800	500	300	610	30	32	5600*2700*3500
400T/6000	4000	6000	80	8	80	4800	500	300	610	30	38	6600*2700*3500
500T/4000	5000	4000	80	8.5	90	3100	500	300	610	37	37	4600*2700*3500
500T/5000	5000	5000	80	8.5	90	3800	500	300	610	37	42	5600*2700*3500
500T/6000	5000	6000	80	8.5	90	4800	500	300	610	37	48	6600*2700*3600
600T/4000	6000	4000	80	8.5	85	3100	600	320	650	45	48	4600*3300*3900
600T/5000	6000	5000	80	8.5	85	3800	600	320	650	45	52	5600*3300*3900
600T/6000	6000	6000	80	8.5	85	4800	600	320	650	45	58	6600*3300*3900
600T/7000	6000	7000	80	8.5	85	5600	600	320	650	45	68	7600*3300*3900
700T/6000	7000	6000	80	8.5	85	4900	600	320	700	55	78	6600*3500*4000
800T/6000	8000	6000	80	8	90	4600	600	320	800	30*2	79	6600*3500*4000
800T/7000	8000	7000	80	8	90	5600	600	320	800	30*2		7600*3500*4200
800T/8000	8000	8000	80	8	90	6600	600	320	800	30*2		8600*3600*4500
800T/10000	8000	10000	80	8	90	7800	600	320	800	30*2		10600*3600*4900

Press Brake Bending Cell

The machine tool and manipulator (optional) are perfectly combined, and options for a conveyor belt and pallet conveyor are available.

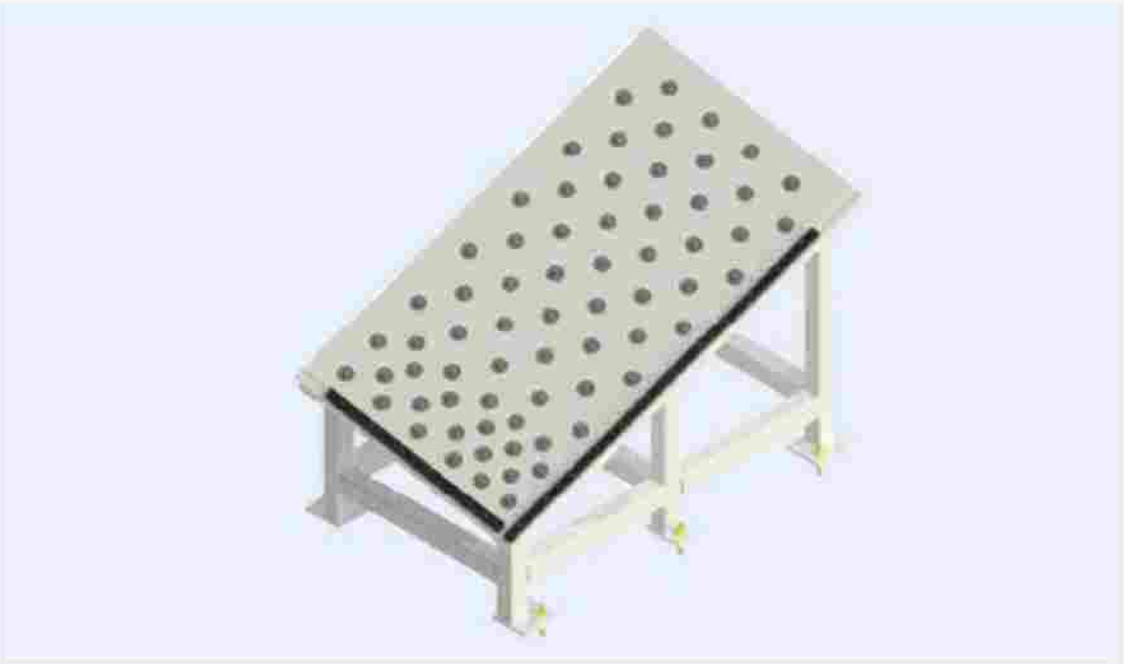
Variable Distance Gripper

Customized to the size range of the customer's workpiece, this device can grip and bend a wide variety of workpieces, reducing the time needed for gripper replacement and improving automation efficiency.



Flip Frame

The robot, with its carbon steel plastic sprayed structure, places the workpiece to be turned over on the front suction cup, then grips it from the back of the turning frame.



Centering Stage

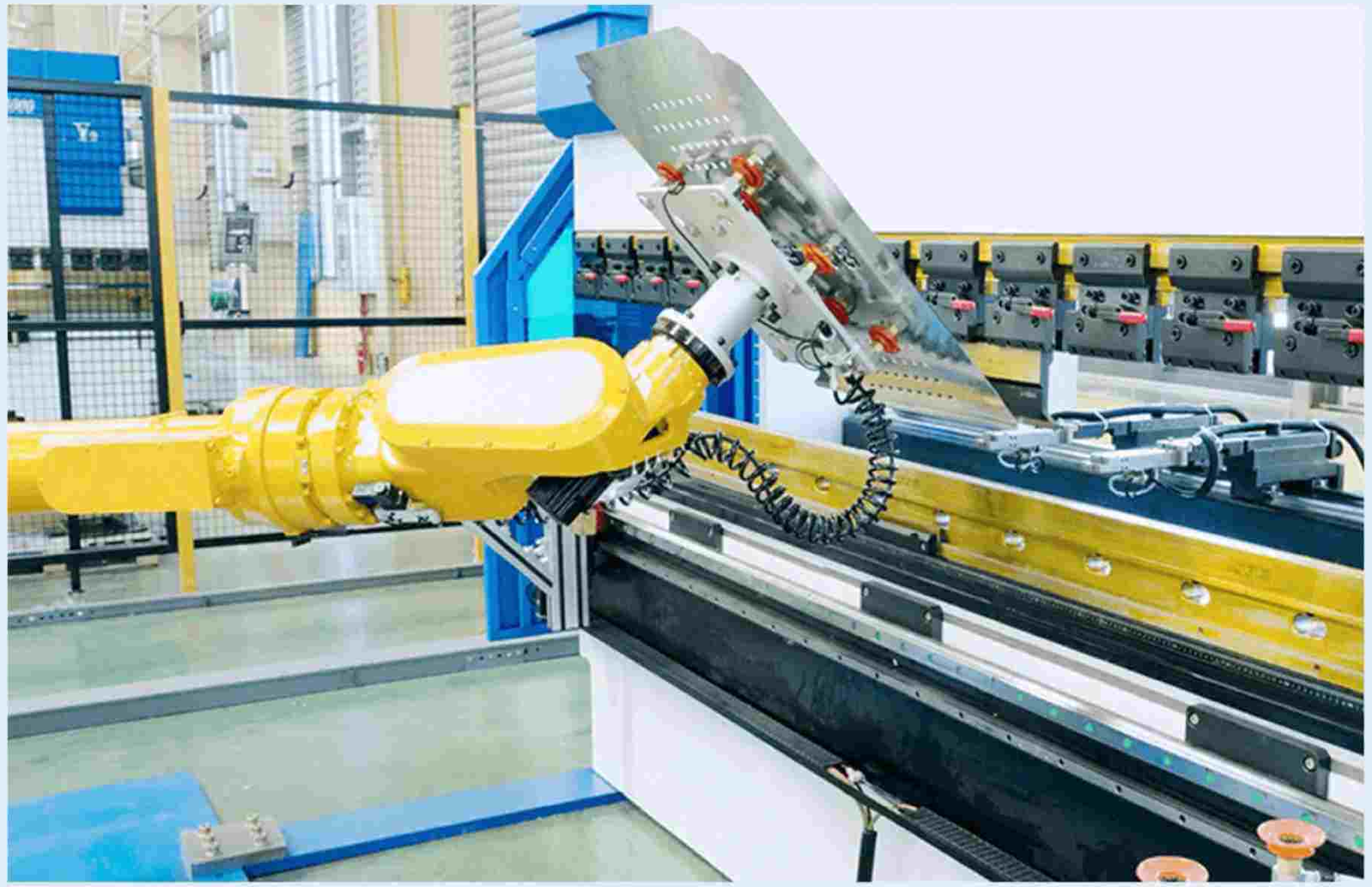
The structure features a carbon steel plastic sprayed finish and an inclined tabletop layout, facilitating automatic product centering.

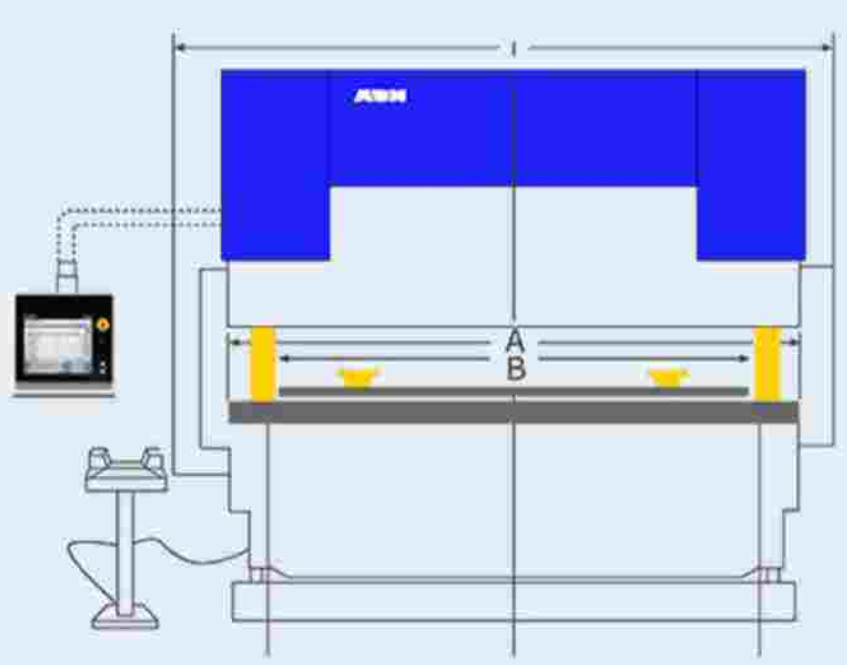
Robot Visual Positioning Device

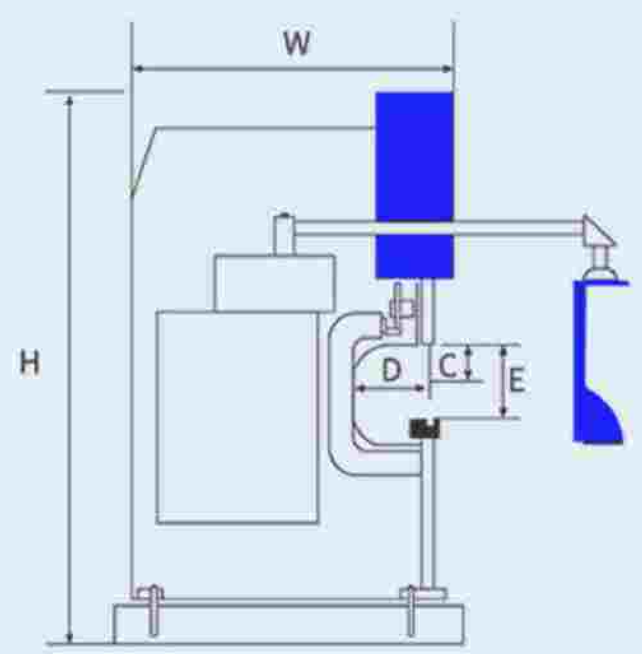
The vision system guides the robot to automatically adjust the position of the gripper and grasp the workpiece accurately, enabling communication between machine vision and the robot and facilitating the transformation of the coordinate system.

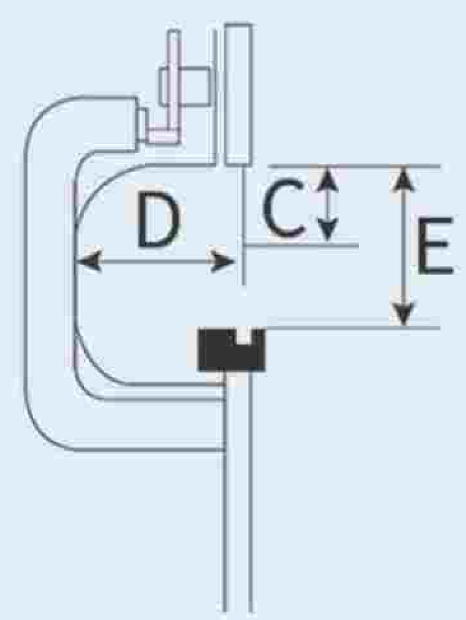
Specifications

Press Brake Bending Cell Parameters







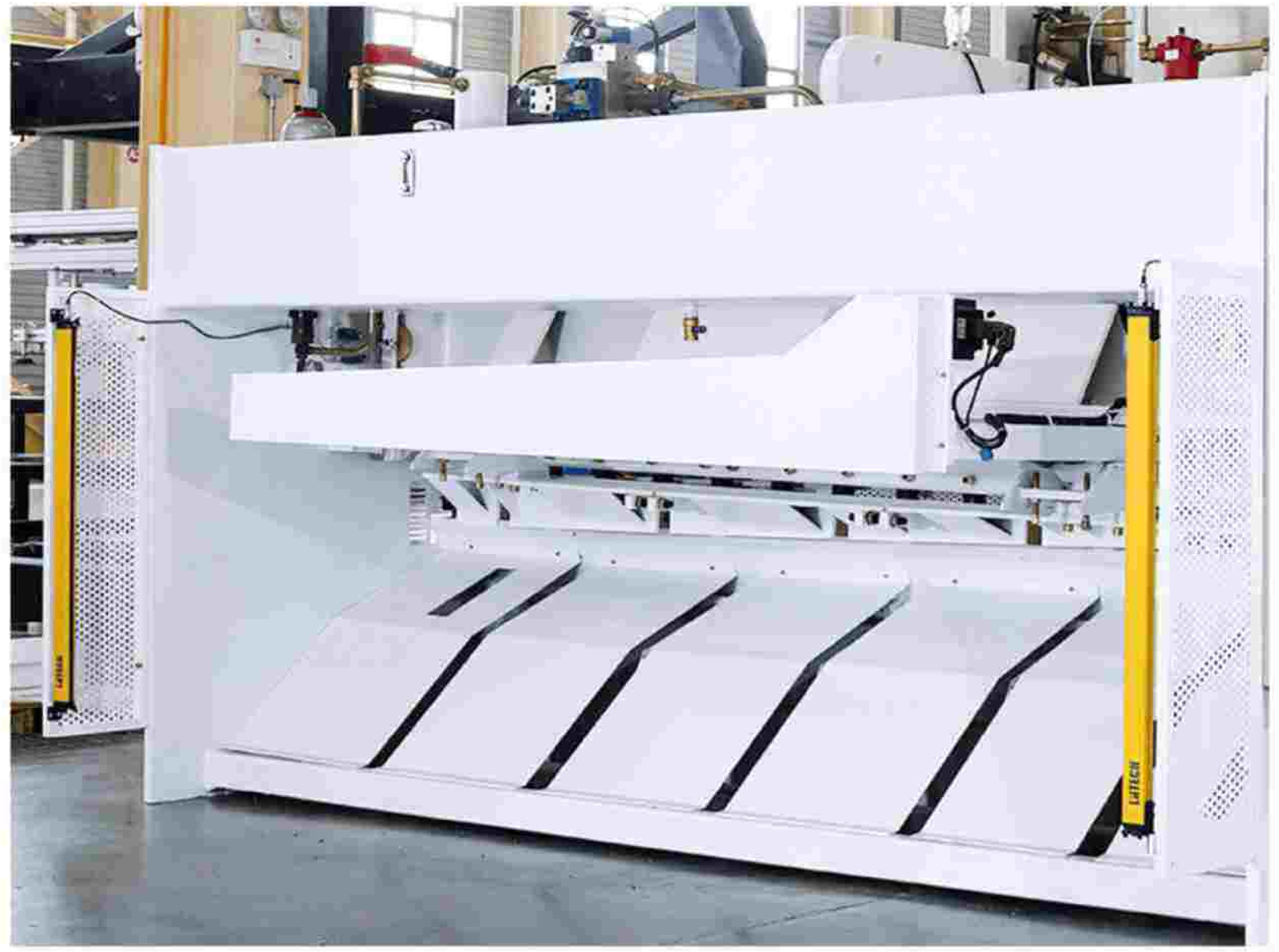


Model	Bending Force	Bending Length (A)	Aprroaching Speed	Ram Speed	Return Speed	Column Distance (B)	Throat Depth (D)	Stroke (C)	Opening Height (E)	Main Motor	Weight	Dimensions
	KN	mm	mm/s	mm/s	mm/s	mm	mm	mm	mm	KW	Ton	L¡ÁW¡ÁH mm
50T/1300	500	1300	220	15.5	200	1120	300	150	460	6	4.5	1800*1500*2300
70T/1600	700	1600	220	15.5	200	1300	300	150	460	6	5.3	2300*1600*2500
70T/2500	700	2500	220	15.5	200	2050	300	150	460	6	6	3100*1600*2500
80T/2500	800	2500	220	15	185	2050	300	150	460	8.7	6.5	3100*1600*2600
110T/2500	1100	2500	220	15	195	2050	400	200	480	10.8	8.5	3100*1800*2600
110T/3200	1100	3200	220	15	195	2700	400	200	480	10.8	8.5	3800*1800*2600
110T/4000	1100	4000	220	15	195	3100	400	200	480	10.8	9.5	4600*1800*2600
110T/4100	1100	4100	220	15	195	3600	400	200	480	10.8	10.0	4700*1800*2700
135T/3200	1350	3200	220	12	150	2700	400	200	480	10.8	10	3800*1800*2700
135T/4000	1350	4000	220	12	150	3100	400	200	480	10.8	11	4600*1800*2700
135T/4100	1350	4100	220	12	150	3600	400	200	480	10.8	11	4700*1800*2700
170T/3200	1700	3200	160	12	122	2700	450	200	480	13.2	11.8	3800*2000*2800
170T/4000	1700	4000	160	12	122	3100	450	200	480	13.2	13	4600*2000*2800
170T/4100	1700	4100	160	12	122	3600	450	200	480	13.2	13	4700*2000*2800
220T/3200	2200	3200	160	11.5	135	2600	450	200	480	16.7	13	3800*2200*2850
220T/4000	2200	4000	160	11.5	135	3100	450	200	480	16.7	15	4600*2200*2850
250T/3200	2500	3200	100	10.5	130	2600	450	250	540	16.7	16.5	3500*2000*2900
250T/4000	2500	4000	100	10.5	130	3100	450	250	540	16.7	18.8	4300*2100*3100
250T/5000	2500	5000	100	10.5	130	3800	450	250	540	16.7	23	5300*2150*3150
250T/6000	2500	6000	100	10.5	130	4800	450	250	540	16.7	25	6300*2150*3150

SWING BEAM SHEARING MACHINE

QC12K Series

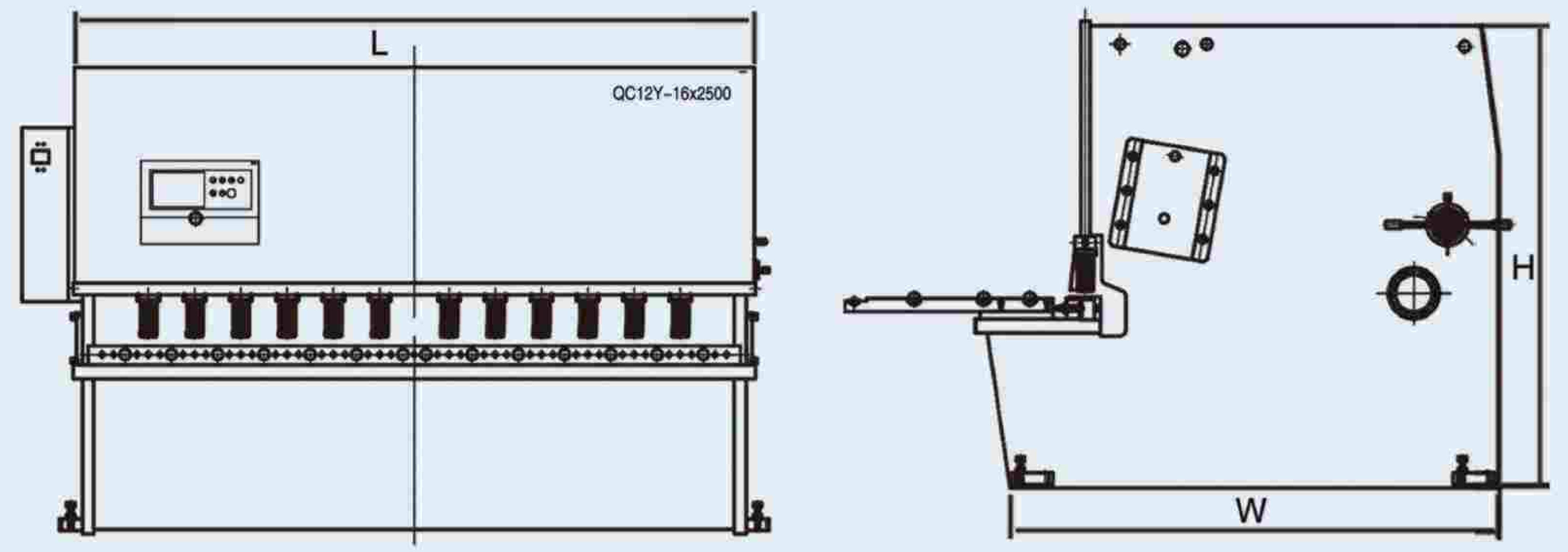
- The entire machine adopts a steel plate welding structure, hydraulic transmission, and accumulator return, resulting in a convenient operation, reliable performance, and attractive appearance.
- The plate shearing machine is equipped with a specialized economical numerical control system, and the DAC310T system from the Netherlands-based company Delem is an optional choice. This system is capable of automatically controlling the cutting angle and blade clearance.
- High-performance main motors can be equipped with international brands such as Siemens or the Chinese brand Wannan, which is well-known.
- The hydraulic valve block adopted is from the international brand Rexroth.



- Thanks to the oil pressure overload protection, incidents of oil leakage and valve jamming are rare.
- The minimum feeding height is equal to the sheet thickness, while the maximum is the sheet thickness plus 20-25mm. The feeding height can be adjusted using adjustable height screws.
- The standard alignment device uses machine lighting to project a line shadow onto the sheet, resulting in high cutting straightness and replacing the traditional method of line drawing cutting.
- The manual and automatic backstop lifting function can be selected to accommodate the cutting requirements of long materials.

Specifications

QC12K Swing Beam Shearing Machine Parameters



Model	Cutting Thickness	Width	Strokes	Backgauge Range	Cutting Angle	Main Power	Weight	Dimensions
Unit	mm	mm	times/min	mm	°	KW	Ton	L×W×H mm
4*2500	4	2500	13	20-650	1.5°	7.5	4	3035*1570*1720
4*3200	4	3200	15	20-650	1.5°	7.5	5.5	3750*1640*1850
4*4000	4	4000	10	20-800	1.5°	7.5	7.5	4550*1970*1900
4*5000	4	5000	8	20-800	1.5°	7.5	13.5	5700*1900*2000
4*6000	4	6000	8	20-800	1.5°	15	17	6500*2460*2250
6*2500	6	2500	15	20-650	2°	7.5	5.5	3050*1650*1800
6*3200	6	3200	12	20-650	1.5°	7.5	6.5	3750*1650*1800
6*4000	6	4000	9	20-800	1.5°	7.5	8.7	4550*2000*1950
6*5000	6	5000	7	20-800	1.5°	15	15.5	5540*2450*2300
6*6000	6	6000	5	20-800	1.5°	15	19.8	6545*2470*2500
8*2500	8	2500	14	20-650	2°	11	5.8	3060*1650*1800
8*3200	8	3200	10	20-650	1.5°	11	6.8	3760*1650*1800
8*4000	8	4000	9	20-800	1.5°	15	8.8	4560*1960*1920
8*5000	8	5000	8	20-800	1.5°	18.5	16	5600*2360*2180
8*6000	8	6000	6	20-800	1.5°	18.5	21.5	6600*2450*2500
10*2500	10	2500	10	20-800	2°	15	7	3050*1960*1920
10*3200	10	3200	9	20-800	1.5°	15	8.5	3800*1960*1920
10*4000	10	4000	8	20-800	1.5°	22	12	4700*2100*2200
10*6000	10	6000	6	20-800	1.5°	22	28	6600*2100*2300
12*2500	12	2500	12	20-800	2°	22	10.3	3170*2150*2180
12*3200	12	3200	10	20-800	2°	22	11.6	3800*2150*2180
12*4000	12	4000	8	20-800	1.75°	22	13.8	4700*2285*2180
12*5000	12	5000	6	20-800	2°	22	19.5	5800*2450*2400
12*6000	12	6000	5	20-800	2°	22	32.5	6600*2600*2700
12*8000	12	8000	4	20-800	1.75°	22	50.5	8600*3250*3200
16*2500	16	2500	11	20-800	2.5°	22	11	3245*2290*2180
16*3200	16	3200	10	20-800	2°	22	12.6	3870*2300*2180
16*4000	16	4000	8	20-800	1.75°	22	17.8	4705*2575*2200
16*5000	16	5000	6	20-800	2.5°	30	24.8	5900*2600*2700
16*6000	16	6000	5	20-800	2.5°	30	35	6600*2700*2900
20*2500	20	2500	8	20-800	2.5°	30	14.3	3300*2580*2300
20*3200	20	3200	7	20-800	2.5°	30	16	4150*2600*2500
20*4000	20	4000	5	20-800	2.5°	30	23	4850*2600*2800
25*2500	25	2500	7	20-800	3°	37	19	3200*2700*2900
25*3200	25	3200	5	20-800	3°	37	24	4200*2700*3000

GUILLOTINE SHEARING MACHINE

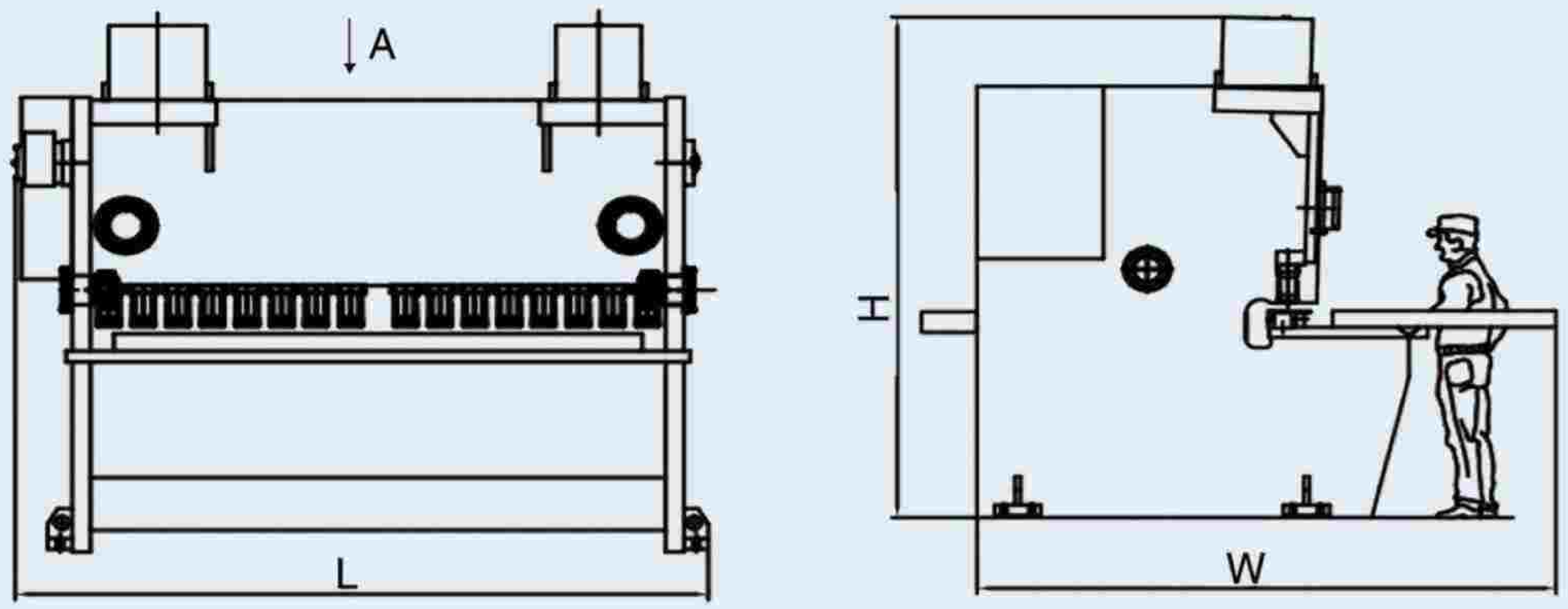
Q11K Series

- The design of the shearing machine features a box-bed frame that is fully welded to the workbench.
- The vertical linear movement relative to the lower blade ensures that the sheared sheet has reduced distortion and improved accuracy in straightness.
- The DAC360 CNC system of the Delem brand from the Netherlands has been upgraded to the DAC360T touch screen.
- A high-performance main motor can be equipped with an international brand like Siemens or a Chinese brand that is well-known such as Wannan.

- Real-time monitoring of oil pressure to ensure a smooth oil circuit and stable operation of equipment.
- It is equipped with a light alignment device for convenient marking and shearing and features a blade holder with steplessly adjustable stroke.
- The automatic rear support performs a crucial role in ensuring the accuracy and surface finish of the cut thin plate by providing support during the cutting process.
- The rear light curtain protection ensures personal safety during machine operation and meets international safety standards.

Specifications

Q11K Guillotine Shearing Machine Parameters

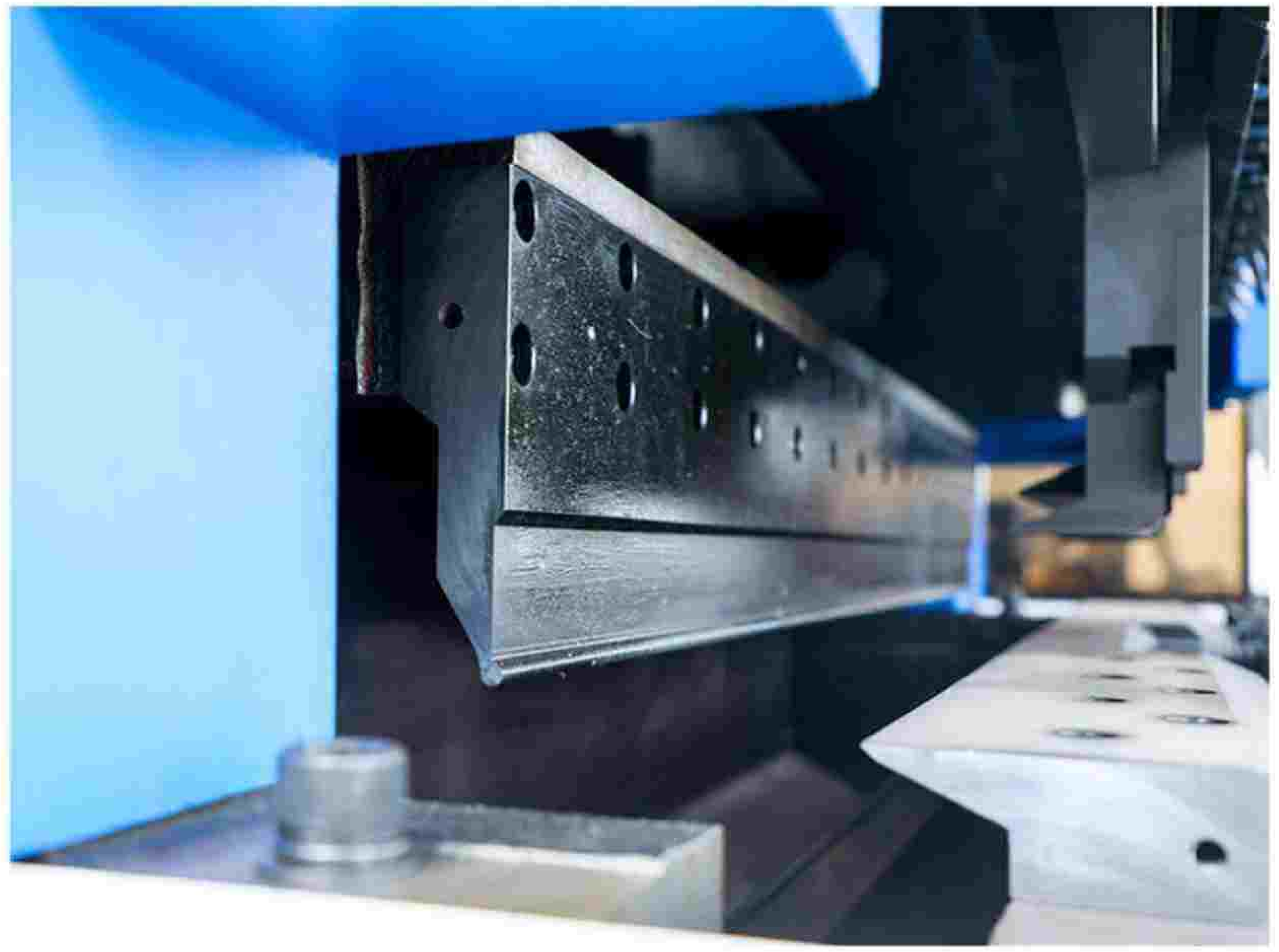


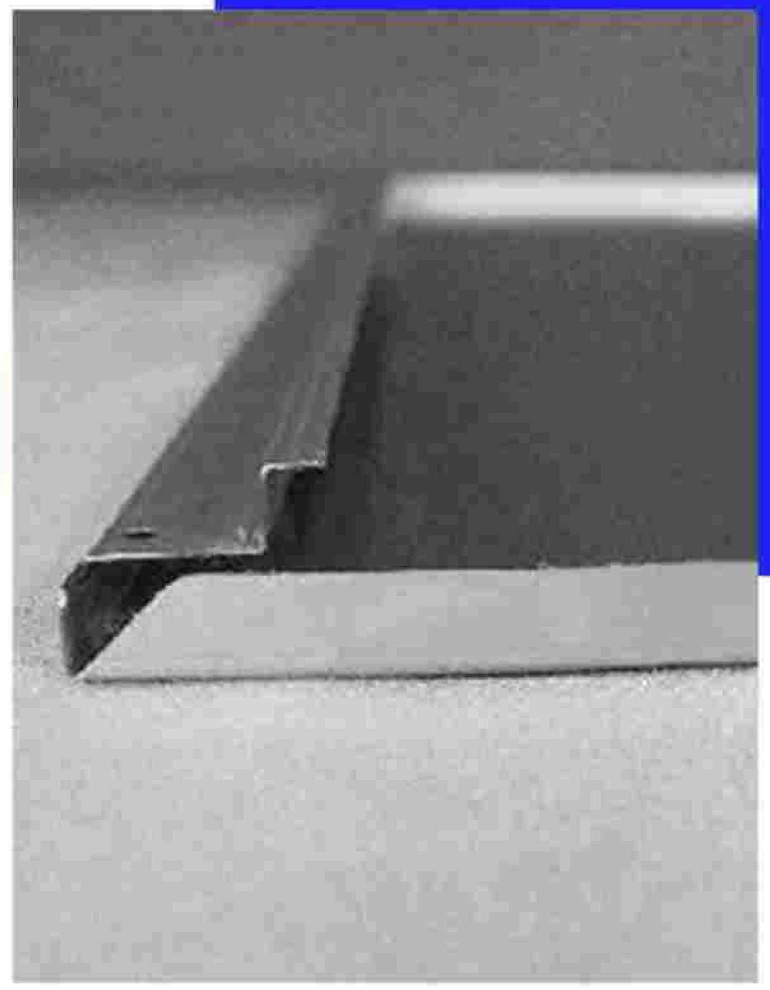
Model	Cutting Thickness	Width	Strokes	Backgauge Range	Cutting Angle	Main Power	Weight	Dimensions
Unit	mm	mm	times/min	mm	°	KW	Ton	mm
6*2500	6	2500	16-25	20-800	30'-1°30'	7.5	6	3200*1950*2050
6*3200	6	3200	14-20	20-800	30'-1°30'	7.5	6.8	3900*1950*2075
6*4000	6	4000	12-17	20-800	30'-1°30'	7.5	9.5	4640*2000*2100
6*5000	6	5000	8-14	20-800	30'-1°30'	15	14.5	5780*2100*2380
6*6000	6	6000	7-12	20-800	30'-1°30'	15	19.6	6750*2200*2500
8*2500	8	2500	13-20	20-800	30'-1°30'	11	6.5	3150*1970*2055
8*3200	8	3200	11-18	20-800	30'-1°30'	11	7	3850*2050*2100
8*4000	8	4000	9-16	20-800	30'-1°30'	15	10.8	4650*2100*2400
8*5000	8	5000	8-15	20-800	30'-1°30'	15	16	5700*1950*2600
8*6000	8	6000	7-14	20-800	30'-1°30'	18.5	19.8	6750*2250*2615
13*2500	13	2500	10-20	20-800	30'-2°	22	10	3250*1950*2110
13*3200	13	3200	9-18	20-800	30'-2°	22	10.2	3900*2070*2315
13*4000	13	4000	8-16	20-800	30'-2°	22	12.5	4800*2150*2460
13*5000	13	5000	7-14	20-1000	30'-2°	22	22.5	5800*2270*2800
13*6000	13	6000	6-12	20-1000	30'-2°	30	27	6950*2450*3050
16*2500	16	2500	9-18	20-800	30'-2°30'	22	11	3280*2020*2270
16*3200	16	3200	8-17	20-800	30'-2°30'	22	12	3950*2150*2450
16*4000	16	4000	7-15	20-800	30'-2°30'	22	15.5	4800*2130*2550
16*6000	16	6000	6-11	20-1000	30'-2°30'	37	36	7000*2500*3000
16*8000	16	8000	4-8	20-1000	30'-2°30'	45	63	9050*3180*3500
20*2500	20	2500	7-16	20-800	30'-3°	30	14	3200*2220*2520
20*3200	20	3200	6-15	20-800	30'-3°	30	16.5	3950*2150*2600
20*4000	20	4000	6-14	20-800	30'-3°	37	19	4750*2400*2900
20*6000	20	6000	5-11	20-1000	30'-3°	30*2	43	7000*2850*3350
25*2500	25	2500	5-14	20-800	30'-3°30'	37	15	3270*2000*2650
25*3200	25	3200	5-10	20-800	30'-3°30'	37	19	3970*2200*2670
25*4000	25	4000	5-8	20-800	30'-3°30'	45	27	4900*2800*3190
30*2500	30	2500	5-12	20-1000	30'-3°	45	23	3450*2500*2900
30*3200	30	3200	4-10	20-1000	30'-3°30'	55	28	4150*2700*2850
30*4000	30	4000	3-7	20-1000	30'-3°30'	55	36	5200*2600*3350
40*2500	40	2500	4-8	20-1000	30'-4°	55	38	4000*2950*3150

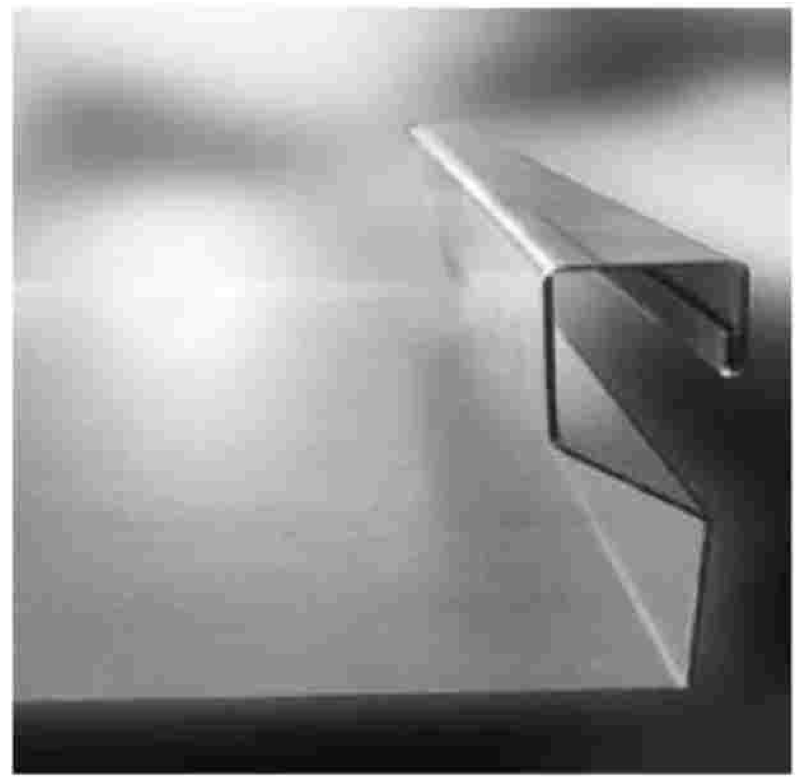
SUCKED TYPE PANEL BENDER

PB-S Series

- The Servo Electric Panel Bender offers a fast and precise non-hydraulic bending solution that guarantees productivity, accuracy, repeatability, and reliability.
- Adopting a suction cup design, this solution is fast and efficient.
- The control system concurrently achieves real-time nine-axis (11-axis) linkage, resulting in stable bending movement and strong coordination with mechanical operation.
- The ability to create complex shapes without the need for molds, including right angles, non-right angles, and those that can be folded up or down, is available at any time.





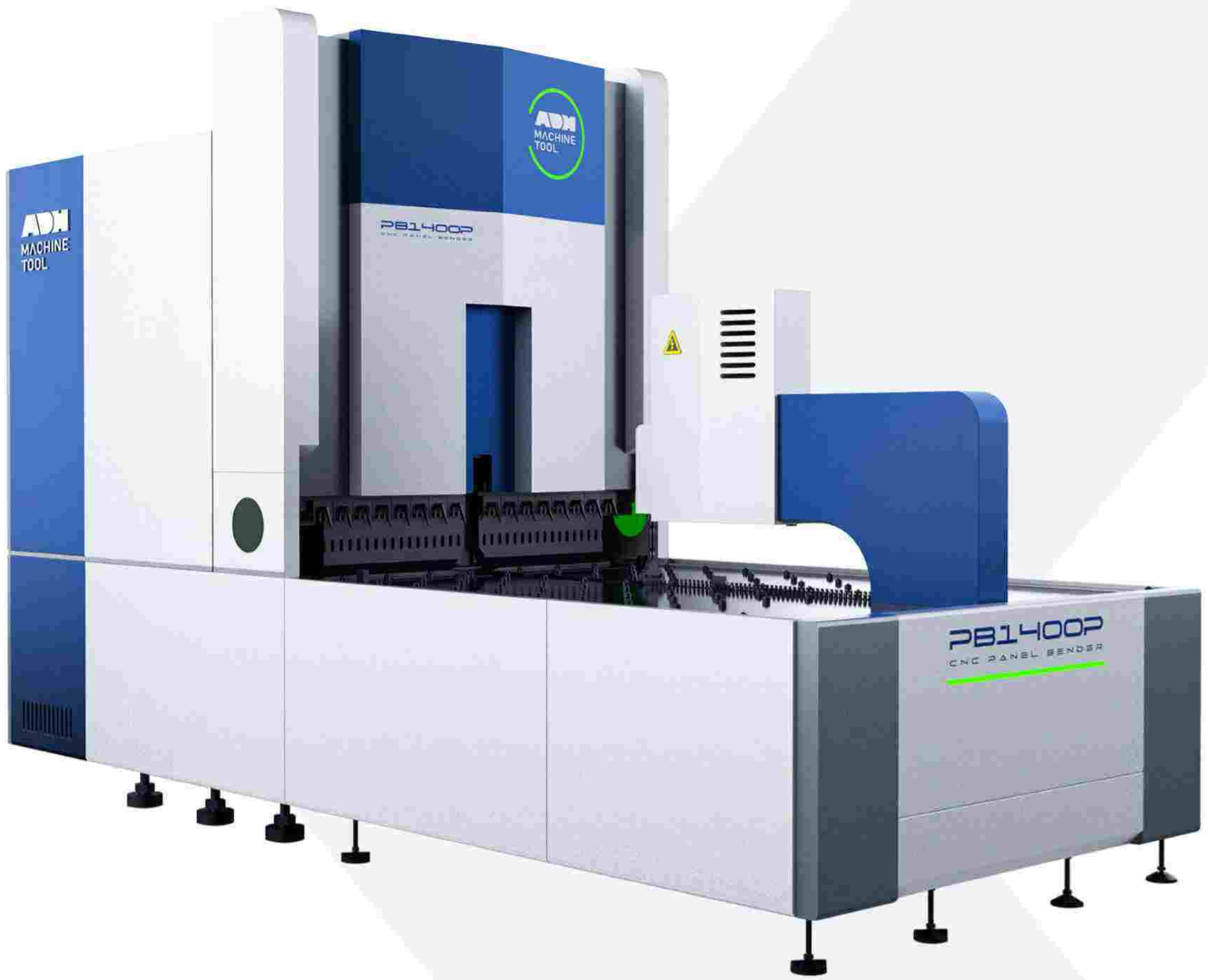


- Suitable for a range of materials, primarily stainless steel, cold-rolled plate, and aluminum plate.
- All movements are controlled by servo motors.
- The body is tempered in a tempering furnace.
- Imported electrical components are used to ensure electrical stability.

Specifications

PB-S Sucked Type Panel Bender (9-axis) Parameters

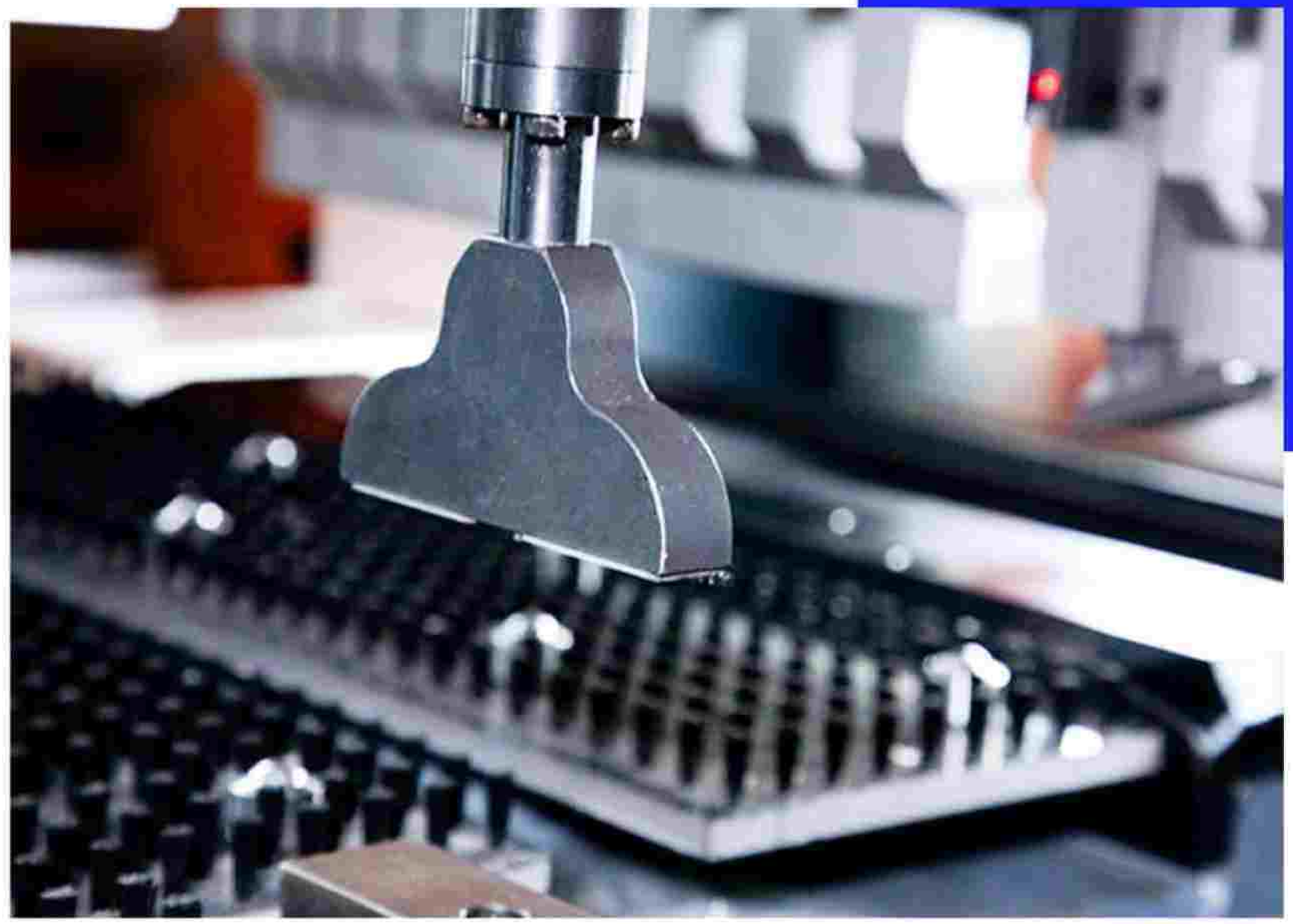
Spec.	PB1000S	PB1400S
Feed mechanism	Sucked type	Sucked type
Worktable structure	Brush	Brush
Min system accuracy	0.001mm	0.001mm
Fastest bending speed	0.2S/bend	0.2S/bend
Max feeding speed	90m/min	90m/min
Max bend width	1000mm	1400mm
Max bending size	L1000mm × W1000mm	L1400mm × W1400mm
Max bending height	170mm	170mm
Min bending height	3mm	3mm
Min arc radius	0.5mm	0.5mm
Rated voltage	380V	380V
Total motor power	25KW	34KW
Average power	~1.1KW	~1.5KW
Noise	~50db	~50db
Overall dimensions	L285cm × W150cm × H280cm	L365cm × W190cm × H290cm
Total weight	~7T	~10T
User operating environment	Win7, Win10, Win11	Win7, Win10, Win11
Max bending thickness	UTS 520N/mm2 304S.S 1.0mm	UTS 520N/mm2 304S.S 1.0mm
Max bending thickness	UTS 410N/mm2 M.S 1.2mm	UTS 410N/mm2 M.S 1.2mm
Max bending thickness	UTS 265N/mm2 Al. 1.6mm	UTS 265N/mm2 Al. 1.6mm
Min bending thickness	0.35mm	0.35mm
Min internal dimension of quadrilateral forming	140mmx210mm	~140mmx210mm
Min internal dimension of bilateral forming	140mm	~140mm
Bending angle	0-180°	0-180°
Number of axis	9	9

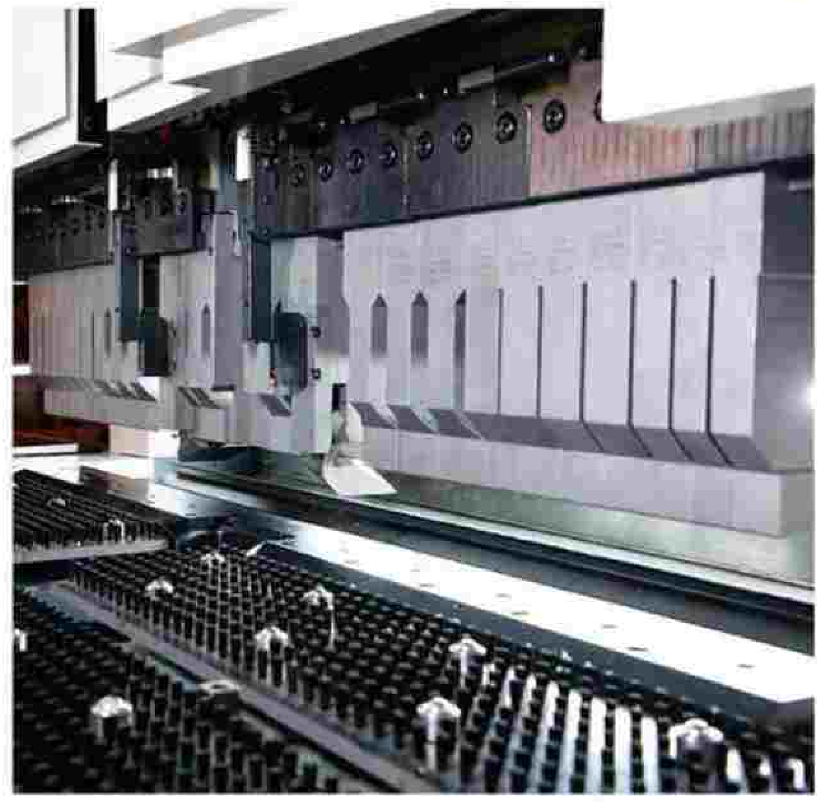


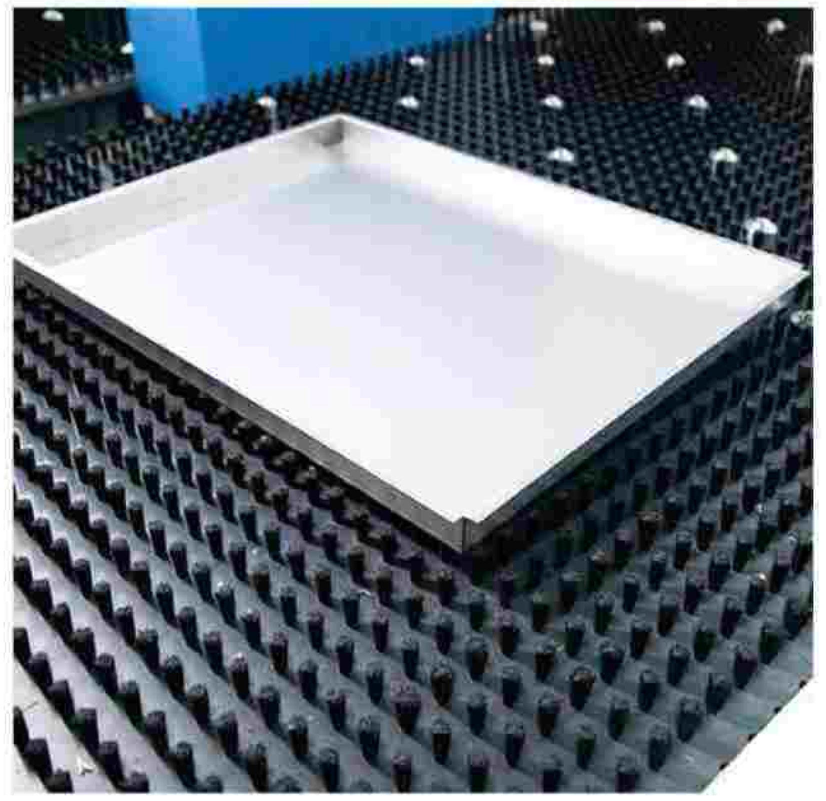
PRESS TYPE PANEL BENDER

PB-P Series

- Servo electric panel bender is a fast and accurate non-hydraulic solution that ensures productivity, accuracy, repeatability, and reliability.
- The feeding method has been granted a utility model patent for its simplicity, convenience, ease of operation, and safety.
- The control system simultaneously realizes real-time nine-axis (13-axis) linkage, resulting in stable bending movement and strong coordination of mechanical operations.
- Without the need for molds, complex shapes, including right angles and non-right angles, can be designed and produced on demand, whether folded up or down.





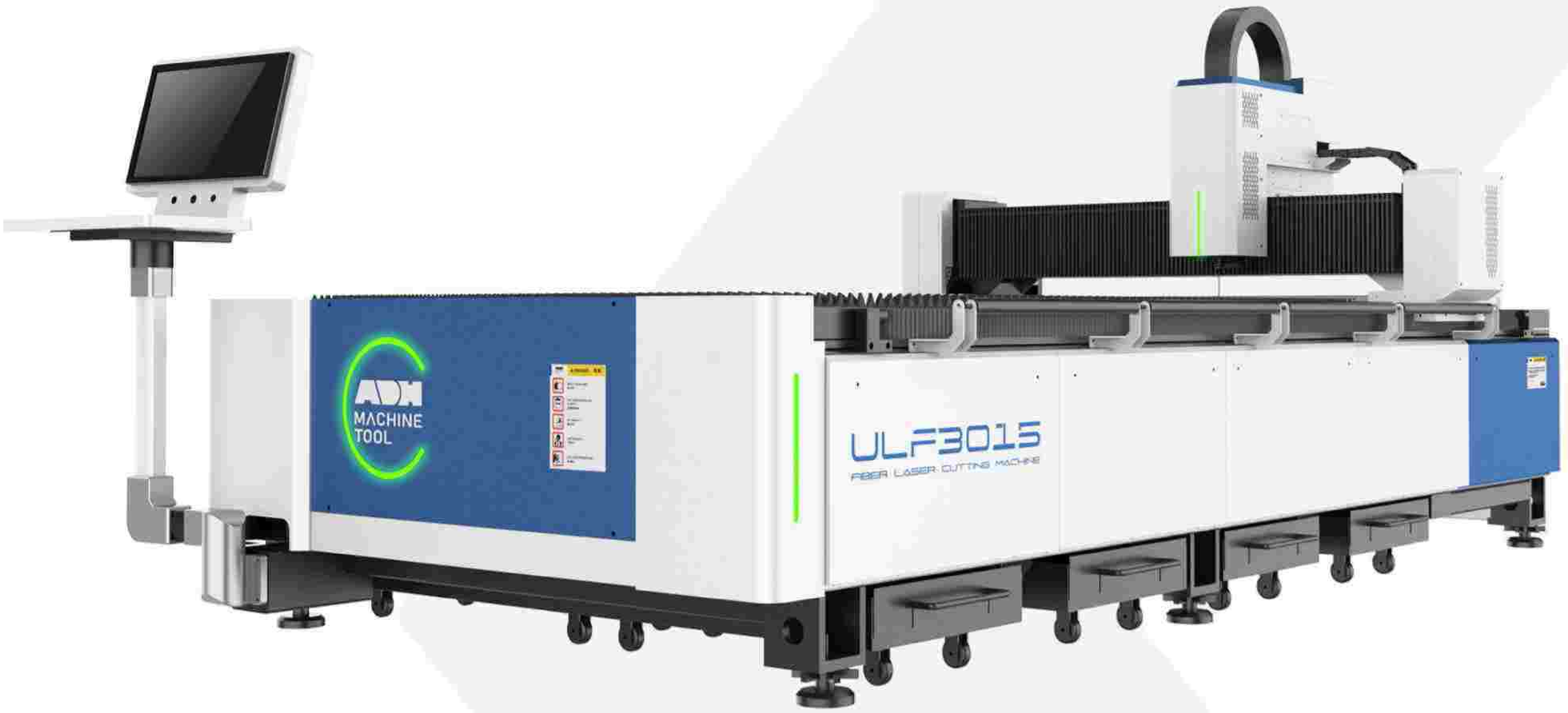


- Suitable for a range of materials, including stainless steel, cold-rolled plates, and aluminum plates.
- All movements are controlled by servo motors.
- The body is tempered in a tempering furnace.
- Imported electrical components are used to ensure electrical stability.

Specifications

PB-P Press Type Panel Bender (13-axis) Parameters

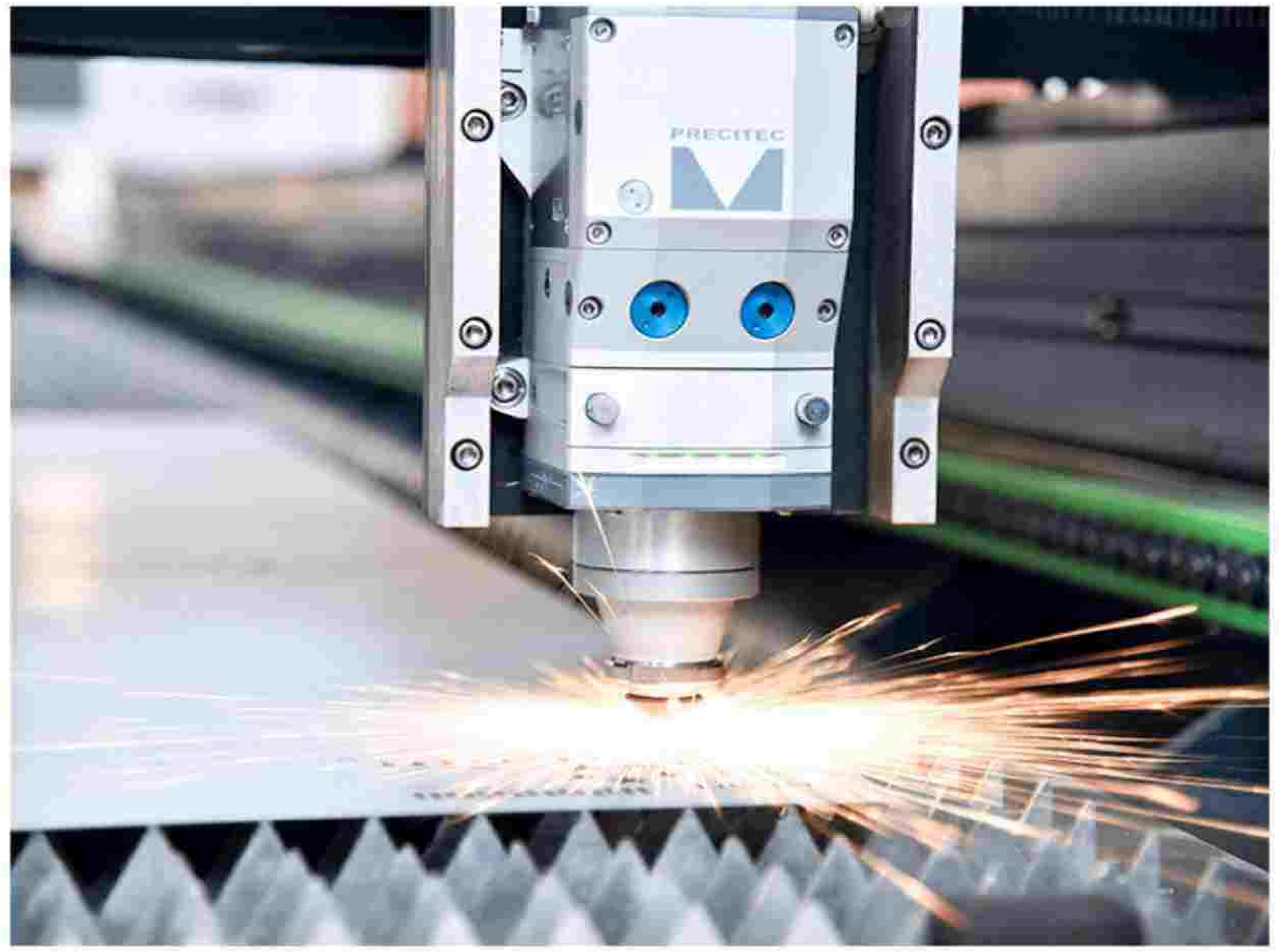
Spec.	PB1400P	PB2000P	PB2500P
Feed mechanism	Press arm type	Press arm type	Press arm type
Worktable structure	Brush	Brush	Brush
Min system accuracy	0.001mm	0.001mm	0.001mm
Fastest bending speed	0.2S/bend	0.2S/bend	0.2S/bend
Max feeding speed	90m/min	90m/min	90m/min
Max bend width	1400mm	2000mm	2500mm
Max bending size	L1400mm × W1400mm	L2000mm × W1250mm	L2500mm × W1250mm
Max bending height	170mm	170mm	170mm
Min bending height	3mm	3mm	3mm
Min arc radius	0.5mm	0.5mm	0.5mm
Rated voltage	380V	380V	380V
Total motor power	38KW	77KW	77KW
Average power	~1.8KW	~2.5KW	~2.8KW
Noise	~50db	~50db	~50db
Overall dimensions	L440cm × W190cm XH290cm	L510cm × W265cm XH330cm	L565cm × W300cm XH340cm
Total weight	~12T	~16T	~19T
User operating environment	Win7, Win10, Win11	Win7, Win10, Win11	Win7, Win10, Win11
Max bending thickness	UTS 520N/mm2 304S.S 1.2mm	UTS 520N/mm2 304S.S 1.5mm	UTS 520N/mm2 304S.S 1.2mm
Max bending thickness	UTS 410N/mm2 M.S 1.5mm	UTS 410N/mm2 M.S 2.0mm	UTS 410N/mm2 M.S 1.5mm
Max bending thickness	UTS 265N/mm2 Al. 2.0mm	UTS 515N/mm2 Al. 3.0mm	UTS 265N/mm2 Al. 2.0mm
Min bending thickness	0.35mm	0.35mm	0.35mm
Min internal dimension of quadrilateral forming	140mmx190mm	140mmx190mm	140mmx190mm
Min internal dimension of bilateral forming	140mm	140mm	140mm
Bending angle	0-180°	0-180°	0-180°
Number of axis	15	15	15

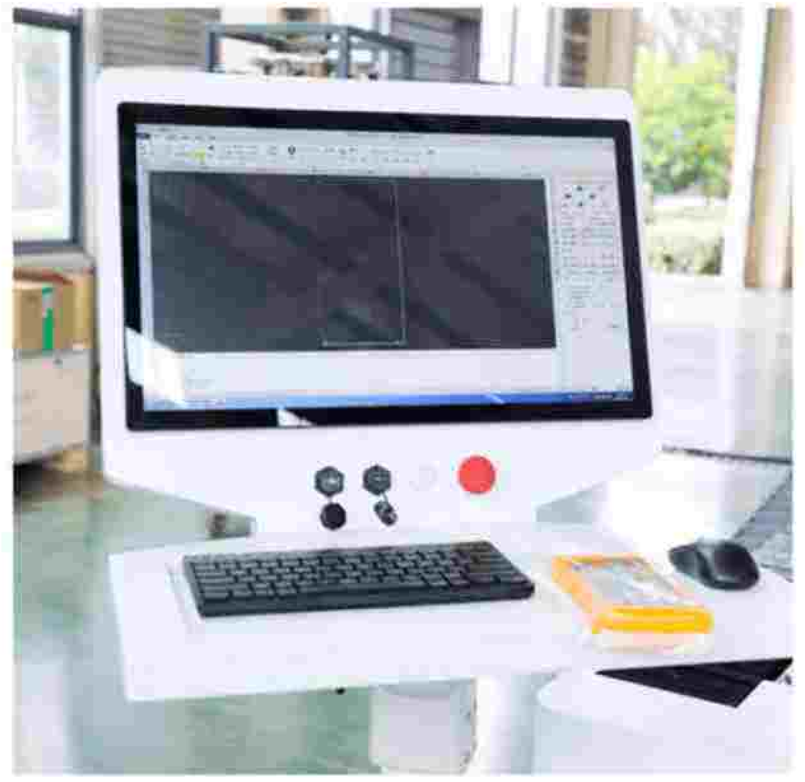


SINGLE TABLE FIBER LASER CUTTING MACHINE

ULF Series

- The whole frame is annealed at high temperature, shot blasted at high speed, and stress relief technology is applied to effectively avoid bed deformation and ensure no deformation after 20 years of use.
- It is welded by multiple rectangular pipes, and stiffeners are set inside the pipe to increase the strength and tensile property of the bed.
- The brands of our fiber laser sources include Raycus (China), n-Light (USA), and IPG (Germany), with power ranging from 1000W to 20,000W.
- With constant BPP throughout the full power range, it provides excellent beam quality, a small spot size, and over 30% electro-optical conversion efficiency.

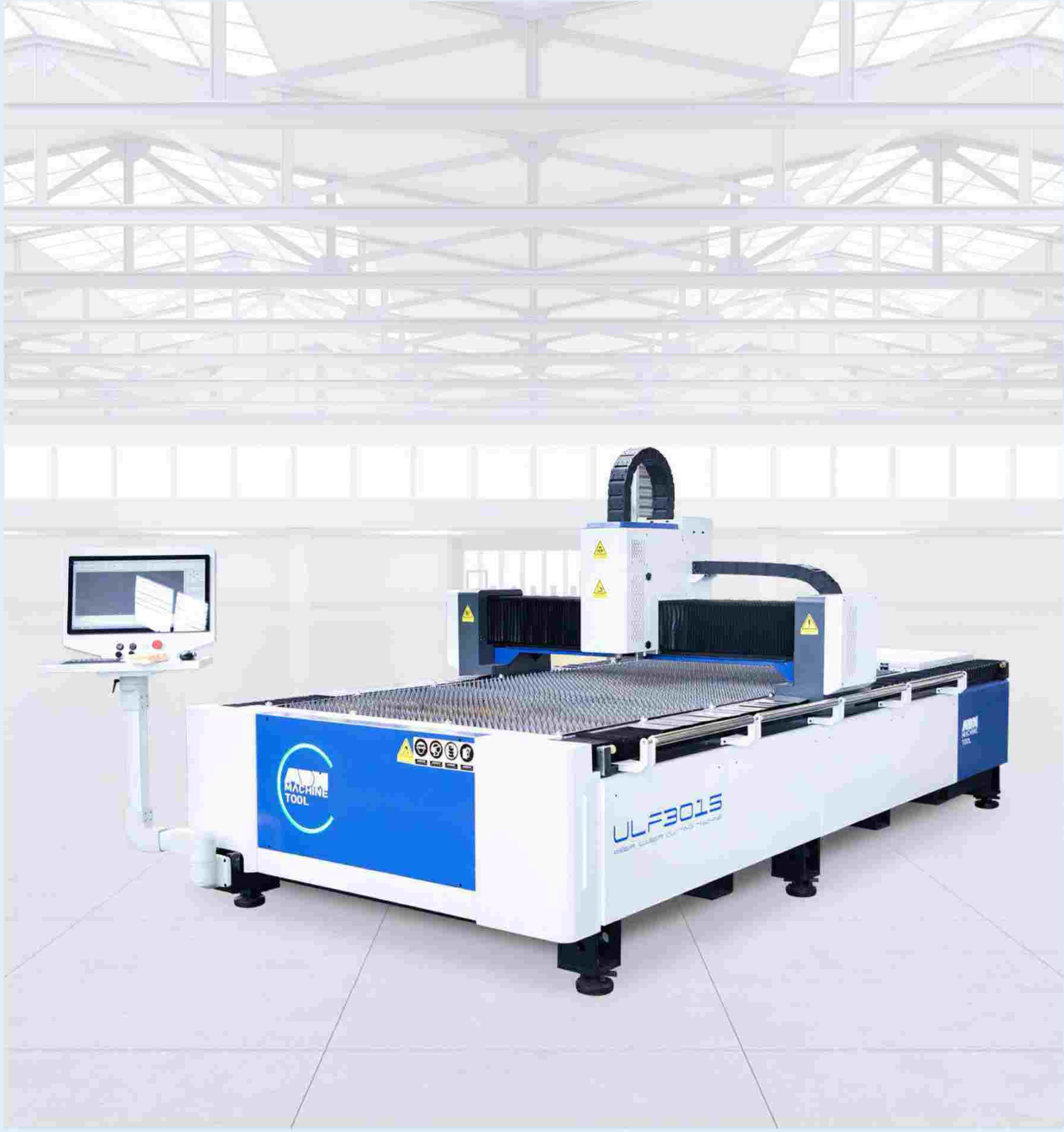




- Cypcut cutting software, China's cutting software specially designed for fiber laser cutting machine.
- It is suitable for multi-focus sections, reducing cutting time and improving cutting quality.
- The cutting head's anti-collision protection structure is patented, and the micro-connection waste cutting feature prevents plate warping, enabling high-speed and stable cutting operations.
- It offers the benefits of easy installation, simple debugging, and outstanding performance, and supports speed adjustment with power.

Specifications

ULF Single Table Fiber Laser Cutting Machine Parameters

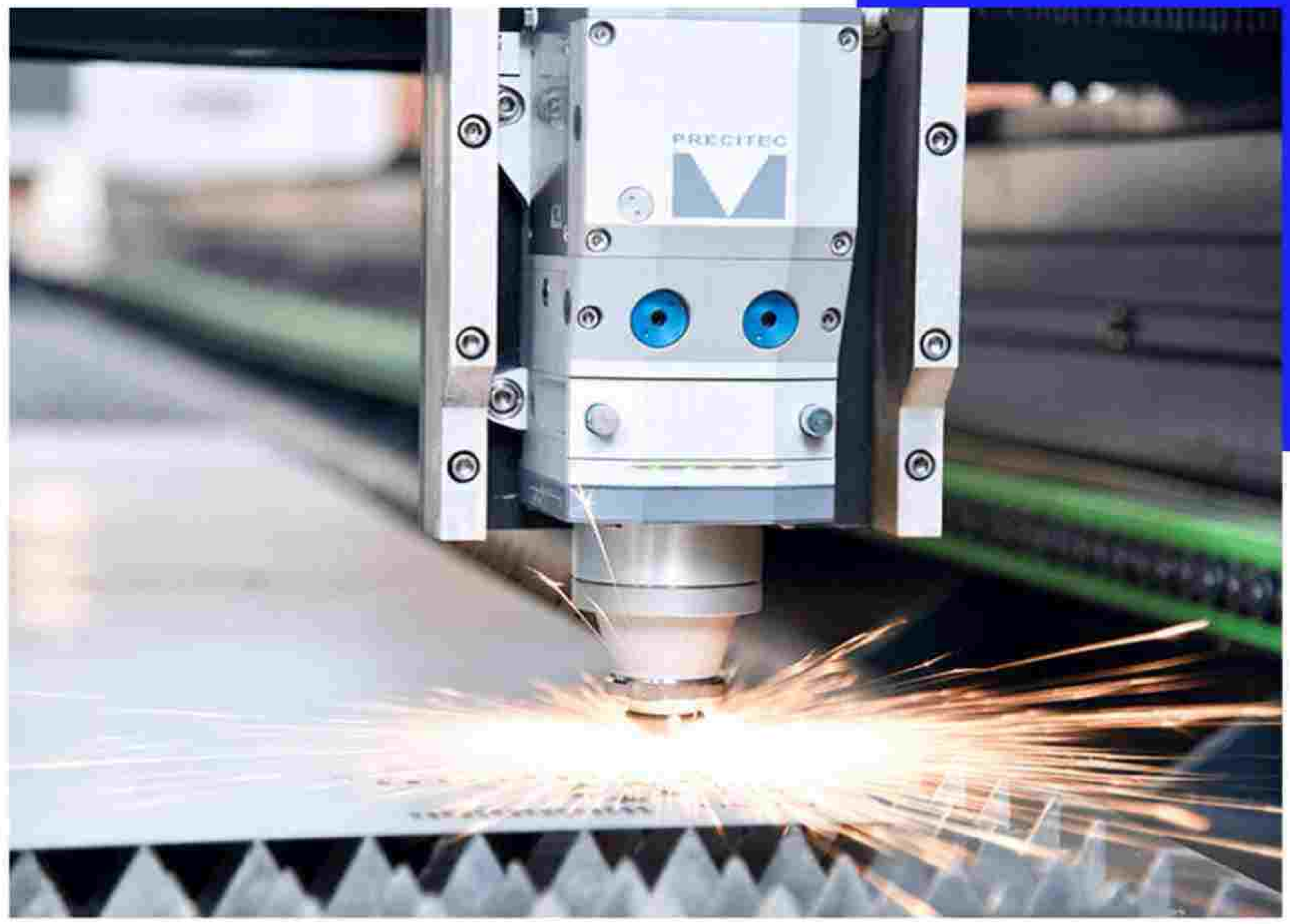


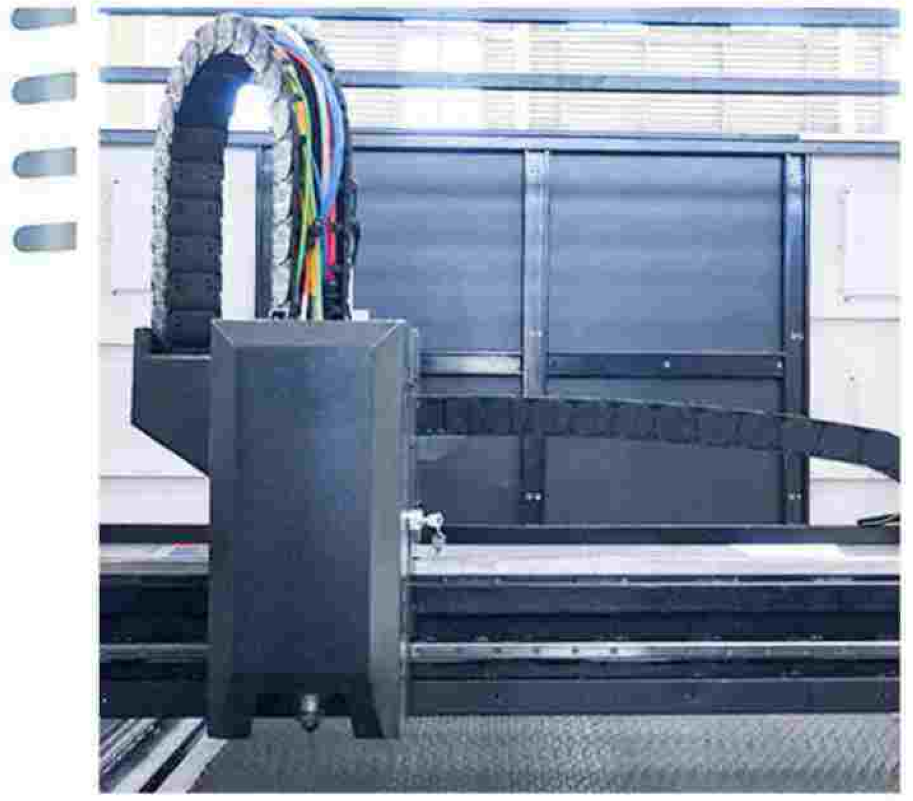
Spec.	Max Cutting Range	X-axis Stroke	Y-axis Stroke	Z-axis Stroke	X, Y-axis Positioning Accuracy	X, Y-axis Repeated Positioning Accuracy	Weight	Length	Width	Height	X, Y-axis Acceleration
Unit	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	g
ULF 3015	3000 x1500	1550	3100	120	≤±0.03	±0.02	3.5T	4420	2213	1800	1
ULF 4015	4000 x1500	1550	4100	120	≤±0.03	±0.02	4.5T	5776	2213	1800	1
ULF 6015	6000 x1500	1550	6100	120	≤±0.03	±0.02	7.5T	7622	2213	1800	1
ULF 4022	4100 x2200	2220	4100	120	≤±0.03	±0.02	5T	6200	2750	1800	1
ULF 6022	6100 x2200	2220	6100	120	≤±0.03	±0.02	8T	8557	3037	1800	1
ULF 6026	6000 x2600	2600	6100	160	≤±0.03	±0.02	10.5T	8663	3564	1800	1
ULF 8026	8000 x2600	2600	8100	160	≤±0.03	±0.02	14T	10937	3563	1800	1
ULF 13026	13000 x2600	2600	13000	160	X-axis≤±0.03 Y-axis≤±0.05	±0.02	20T	16270	3691	2432	1
ULF 24026	15000 x2600	2600	15000	160	X-axis≤±0.03 Y-axis≤±0.1	±0.02		28850	3691	2432	1
ULE 3015	3000 x1500	1520	3050	220	≤±0.03	±0.02	7T	9050	2915	2300	1.2
ULE 4015	4000 x1500	1520	4050	220	≤±0.03	±0.02	8T	10800	2920	2300	1.2
ULE 4020	4000 x2000	2020	4050	220	≤±0.03	±0.02	9T	10757	3500	2300	1.2
ULE 6020	6000 x2000	2020	6050	220	≤±0.03	±0.02	14T	14475	3500	2300	1.2
ULE 6025	6000 x2500	2550	6100	280	≤±0.03	±0.02	20T	14800	4090	2400	1.5
ULE 8025	8000 x2500	2550	8100	280	≤±0.03	±0.02	25T	19050	4090	2400	1.5
ULE 12025	12000 x2500	2550	12500	280	X-axis≤±0.03 Y-axis≤±0.05	±0.02	35T	27700	4090	2400	1.5

DOUBLE TABLE FIBER LASER CUTTING MACHINE

ULE Series

- The whole frame is annealed at high temperature, shot blasted at high speed, and stress relief technology is applied to effectively avoid bed deformation and ensure no deformation after 20 years of use.
- It is welded by multiple rectangular pipes, and stiffeners are set inside the pipe to increase the strength and tensile property of the bed.
- The brand of our fiber laser source including Raycus (China), n-Light (USA), IPG (Germany), with the power from 500W to 20,000W.
- It is suitable for multi-focus sections, reducing cutting time and improving cutting quality.





- The internal structure features a hollow and fish-scale design to protect the overall structure from heat damage.
- Cypcut cutting software, China's cutting software specially designed for fiber laser cutting machine.
- With constant BPP throughout the full power range, it provides excellent beam quality, a small spot size, and over 30% electro-optical conversion efficiency.
- It offers the benefits of easy installation, simple debugging, and outstanding performance, and supports speed adjustment with power.

Specifications

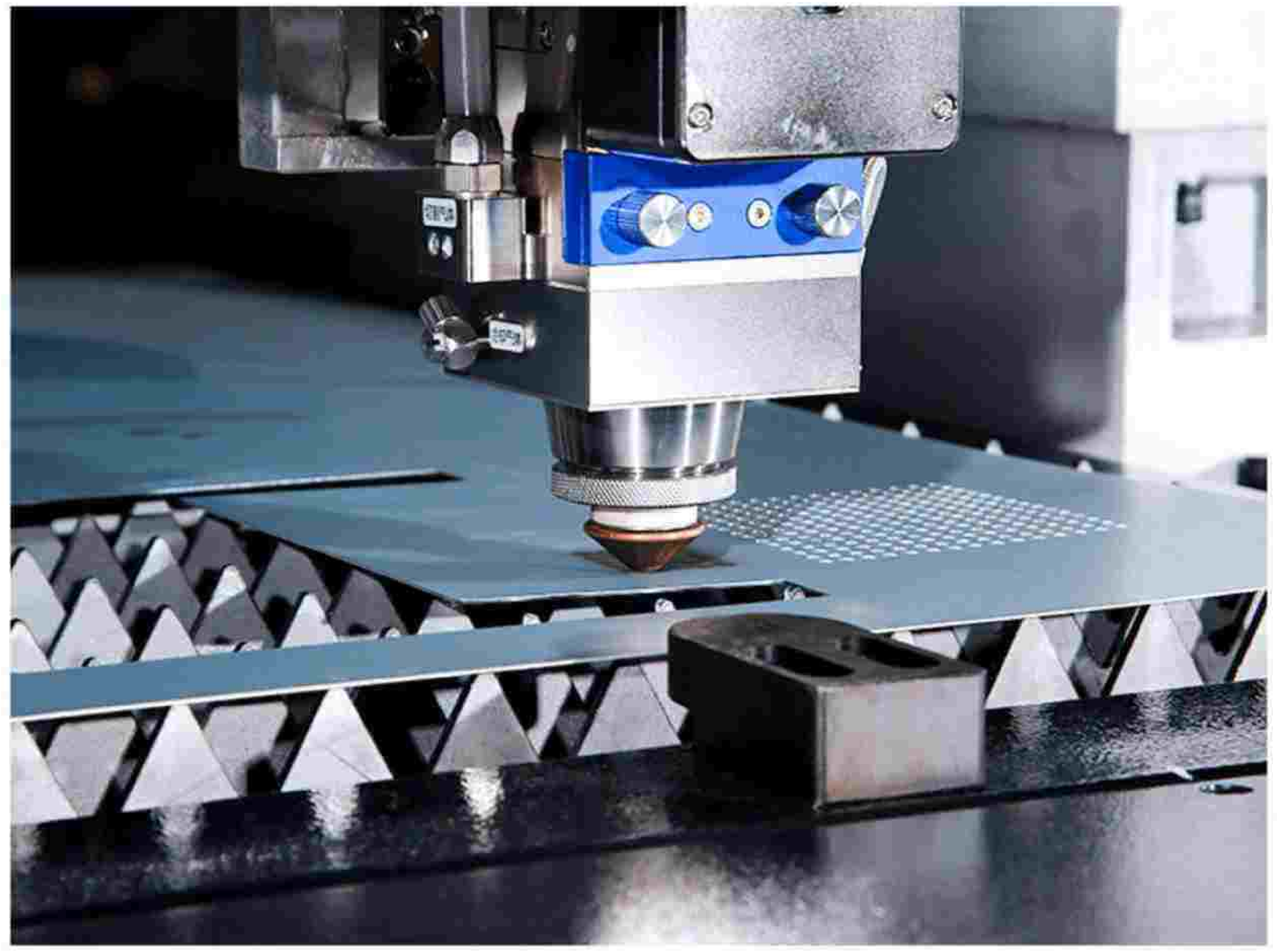
ULE Double Table Fiber Laser Cutting Machine Parameters

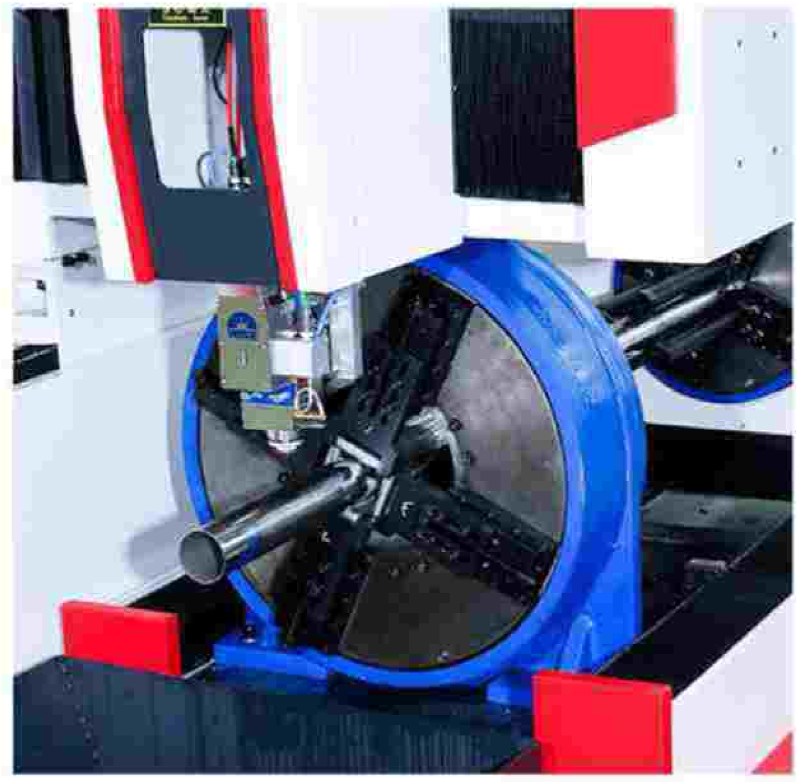
Spec.	Max Cutting Range	X-axis Stroke	Y-axis Stroke	Z-axis Stroke	X, Y-axis Positioning Accuracy	X, Y-axis Repeated Positioning Accuracy	Weight	Length	Width	Height	X, Y-axis Acceleration
Unit	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	g
ULF 3015	3000 x1500	1550	3100	120	≤±0.03	±0.02	3.5T	4420	2213	1800	1
ULF 4015	4000 x1500	1550	4100	120	≤±0.03	±0.02	4.5T	5776	2213	1800	1
ULF 6015	6000 x1500	1550	6100	120	≤±0.03	±0.02	7.5T	7622	2213	1800	1
ULF 4022	4100 x2200	2220	4100	120	≤±0.03	±0.02	5T	6200	2750	1800	1
ULF 6022	6100 x2200	2220	6100	120	≤±0.03	±0.02	8T	8557	3037	1800	1
ULF 6026	6000 x2600	2600	6100	160	≤±0.03	±0.02	10.5T	8663	3564	1800	1
ULF 8026	8000 x2600	2600	8100	160	≤±0.03	±0.02	14T	10937	3563	1800	1
ULF 13026	13000 x2600	2600	13000	160	X-axis≤±0.03 Y-axis≤±0.05	±0.02	20T	16270	3691	2432	1
ULF 24026	15000 x2600	2600	15000	160	X-axis≤±0.03 Y-axis≤±0.1	±0.02		28850	3691	2432	1
ULE 3015	3000 x1500	1520	3050	220	≤±0.03	±0.02	7T	9050	2915	2300	1.2
ULE 4015	4000 x1500	1520	4050	220	≤±0.03	±0.02	8T	10800	2920	2300	1.2
ULE 4020	4000 x2000	2020	4050	220	≤±0.03	±0.02	9T	10757	3500	2300	1.2
ULE 6020	6000 x2000	2020	6050	220	≤±0.03	±0.02	14T	14475	3500	2300	1.2
ULE 6025	6000 x2500	2550	6100	280	≤±0.03	±0.02	20T	14800	4090	2400	1.5
ULE 8025	8000 x2500	2550	8100	280	≤±0.03	±0.02	25T	19050	4090	2400	1.5
ULE 12025	12000 x2500	2550	12500	280	X-axis≤±0.03 Y-axis≤±0.05	±0.02	35T	27700	4090	2400	1.5

DUAL-USE FIBER LASER CUTTING MACHINE

ULFT Series

- It is welded by multiple rectangular pipes, and stiffeners are set inside the pipe to increase the strength and tensile property of the bed.
- The whole frame is annealed at high temperature, shot blasted at high speed, and stress relief technology is applied to effectively avoid bed deformation and ensure no deformation after 20 years of use.
- High rigidity and lightweight design are optimized by finite element analysis, and high speed, good dynamic characteristics, and fast acceleration are achieved.
- The brands of our fiber laser sources include Raycus (China), n-Light (USA), and IPG (Germany), with power ranging from 1000W to 20,000W.





- It is suitable for multi-focus sections, reducing cutting time and improving cutting quality.
- The cutting head's anti-collision protection structure is patented, and the micro-connection waste cutting feature prevents plate warping, enabling high-speed and stable cutting operations.
- With constant BPP throughout the full power range, it provides excellent beam quality, a small spot size, and over 30% electro-optical conversion efficiency.
- This machine can cut common square tubes (Φ2020-Φ320320mm), round tubes (Φ20-320mm), and rectangular tubes (up to 220mm diagonal length).

Specifications

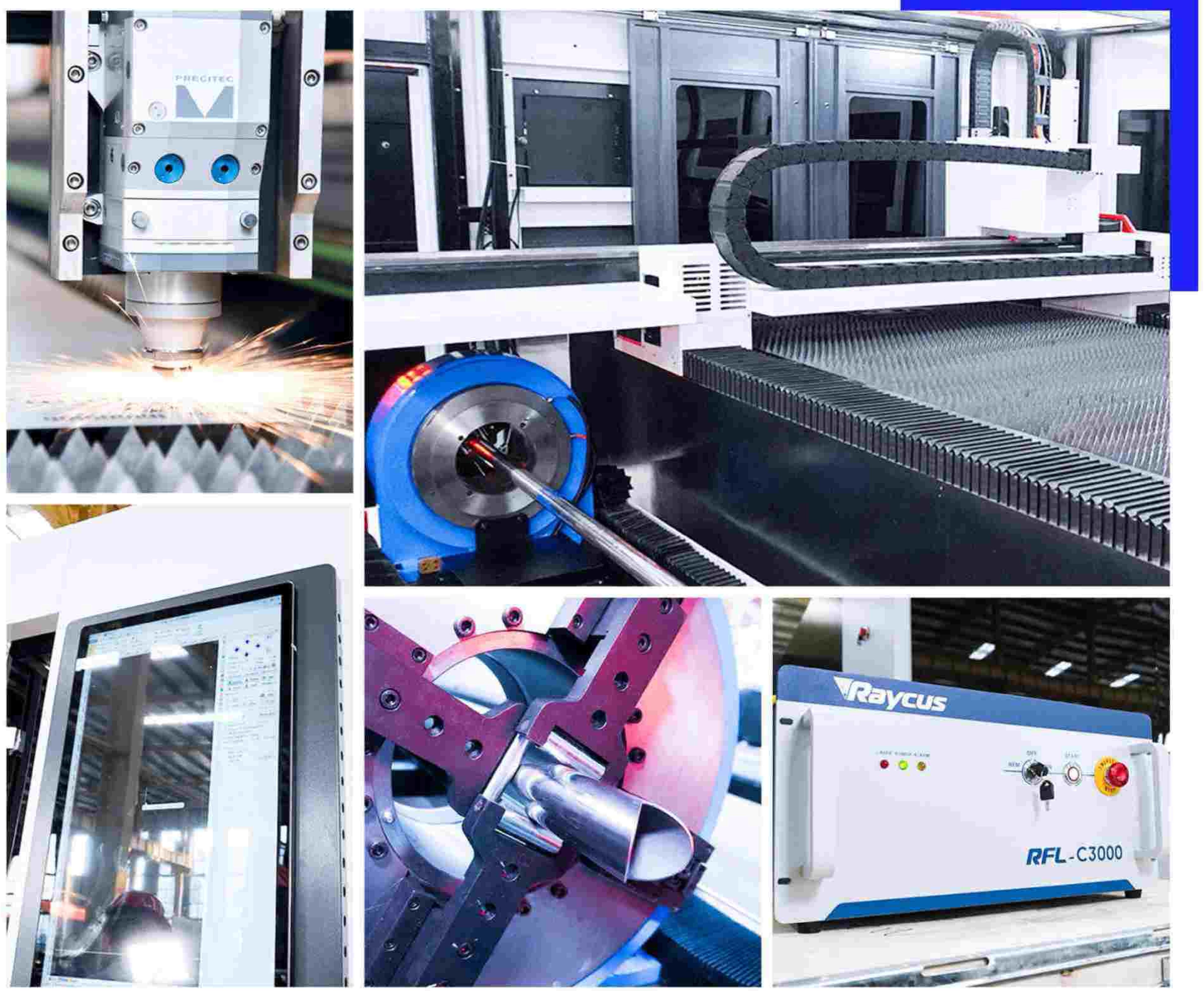
ULFT Dual-use Fiber Laser Cutting Machine Parameters

Spec.	Max Cutting Range	X-axis Stroke	Y-axis Stroke	Z-axis Stroke	X, Y-axis Positioning Accuracy	X, Y-axis Repeated Positioning Accuracy	Weight	Length	Width	Height	X, Y-axis Acceleration
Unit	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	g
ULF 3015	3000 x1500	1550	3100	120	≤±0.03	±0.02	3.5T	4420	2213	1800	1
ULF 4015	4000 x1500	1550	4100	120	≤±0.03	±0.02	4.5T	5776	2213	1800	1
ULF 6015	6000 x1500	1550	6100	120	≤±0.03	±0.02	7.5T	7622	2213	1800	1
ULF 4022	4100 x2200	2220	4100	120	≤±0.03	±0.02	5T	6200	2750	1800	1
ULF 6022	6100 x2200	2220	6100	120	≤±0.03	±0.02	8T	8557	3037	1800	1
ULF 6026	6000 x2600	2600	6100	160	≤±0.03	±0.02	10.5T	8663	3564	1800	1
ULF 8026	8000 x2600	2600	8100	160	≤±0.03	±0.02	14T	10937	3563	1800	1
ULF 13026	13000 x2600	2600	13000	160	X-axis≤±0.03 Y-axis≤±0.05	±0.02	20T	16270	3691	2432	1
ULF 24026	15000 x2600	2600	15000	160	X-axis≤±0.03 Y-axis≤±0.1	±0.02		28850	3691	2432	1
ULE 3015	3000 x1500	1520	3050	220	≤±0.03	±0.02	7T	9050	2915	2300	1.2
ULE 4015	4000 x1500	1520	4050	220	≤±0.03	±0.02	8T	10800	2920	2300	1.2
ULE 4020	4000 x2000	2020	4050	220	≤±0.03	±0.02	9T	10757	3500	2300	1.2
ULE 6020	6000 x2000	2020	6050	220	≤±0.03	±0.02	14T	14475	3500	2300	1.2
ULE 6025	6000 x2500	2550	6100	280	≤±0.03	±0.02	20T	14800	4090	2400	1.5
ULE 8025	8000 x2500	2550	8100	280	≤±0.03	±0.02	25T	19050	4090	2400	1.5
ULE 12025	12000 x2500	2550	12500	280	X-axis≤±0.03 Y-axis≤±0.05	±0.02	35T	27700	4090	2400	1.5

DUAL-USE FIBER LASER CUTTING MACHINE WITH COVER

ULET Series

- The machine is constructed from high-performance manganese steel material, butt-welded together. With ingenious structural design, the beam's rigidity is improved during high-speed operation, ensuring overall stability during the laser cutting process.
- The brand of our fiber laser source including Raycus (China), n-Light (USA), IPG (Germany), with the power from 500W to 20,000W.
- The internal structure features a hollow and fish-scale design to protect the overall structure from heat damage.
- The whole frame is annealed at high temperature, shot blasted at high speed, and stress relief technology is applied to effectively avoid bed deformation and ensure no deformation after 20 years of use.



- High rigidity and lightweight design are optimized by finite element analysis, and high speed, good dynamic characteristics, and fast acceleration are achieved.
- It is suitable for multi-focus sections, reducing cutting time and improving cutting quality.
- The cutting head's anti-collision protection structure is patented, and the micro-connection waste cutting feature prevents plate warping, enabling high-speed and stable cutting operations.
- This machine can cut common square tubes (Φ2020-Φ320320mm), round tubes (Φ20-320mm), and rectangular tubes (up to 220mm diagonal length).

Specifications

ULET Dual-use Fiber Laser Cutting Machine With Cover Parameters

Spec.	Max Cutting Range	X-axis Stroke	Y-axis Stroke	Z-axis Stroke	X, Y-axis Positioning Accuracy	X, Y-axis Repeated Positioning Accuracy	Weight	Length	Width	Height	X, Y-axis Acceleration
Unit	mm	mm	mm	mm	mm	mm	kg	mm	mm	mm	g
ULF 3015	3000 x1500	1550	3100	120	≤±0.03	±0.02	3.5T	4420	2213	1800	1
ULF 4015	4000 x1500	1550	4100	120	≤±0.03	±0.02	4.5T	5776	2213	1800	1
ULF 6015	6000 x1500	1550	6100	120	≤±0.03	±0.02	7.5T	7622	2213	1800	1
ULF 4022	4100 x2200	2220	4100	120	≤±0.03	±0.02	5T	6200	2750	1800	1
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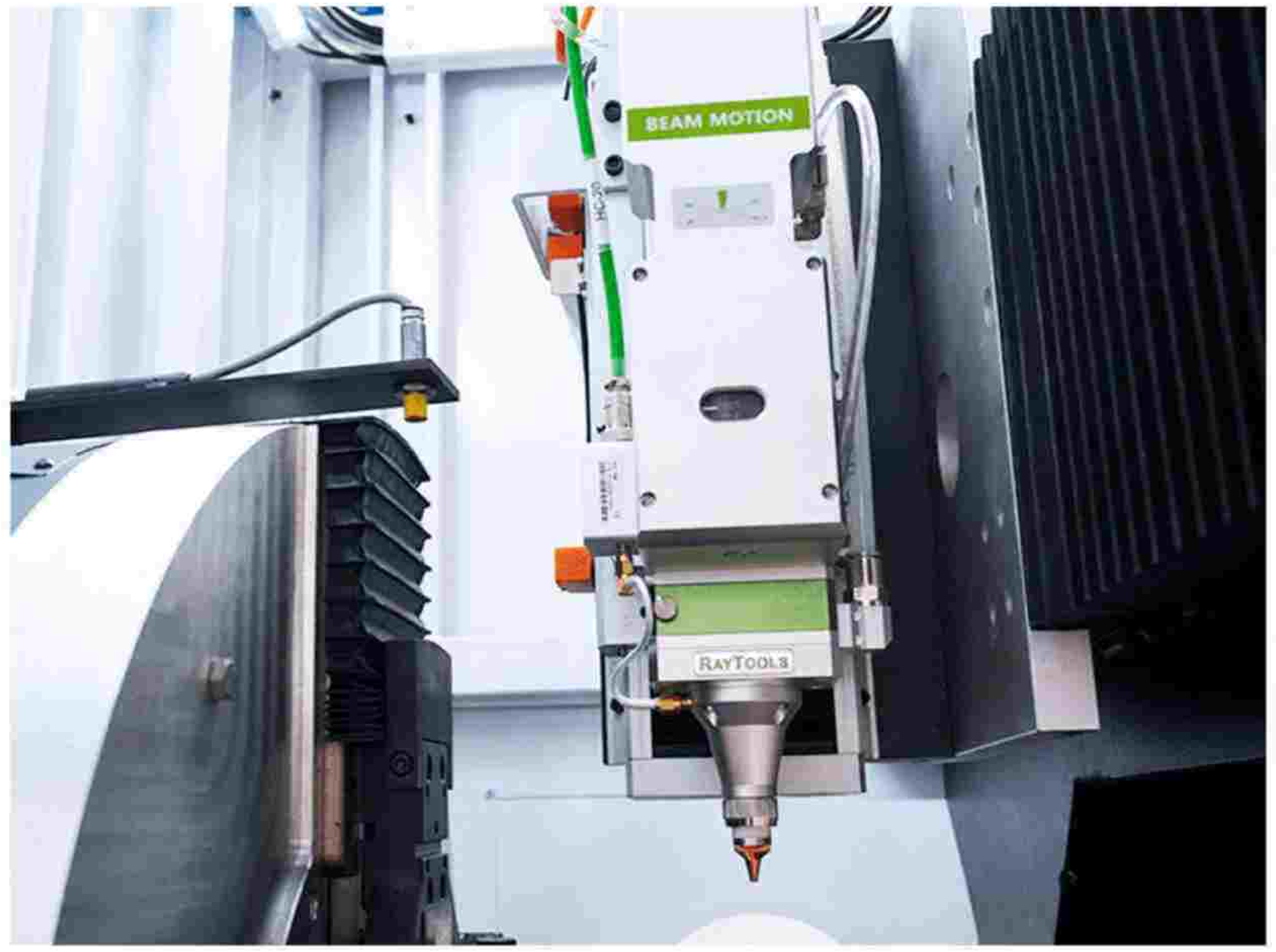
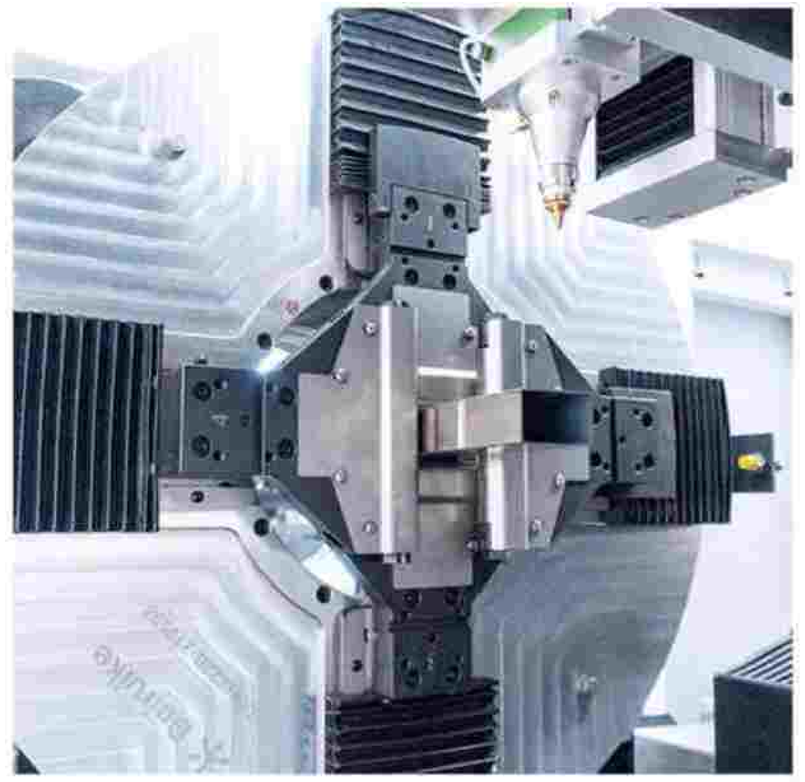
ULF 6026	6000 x2600	2600	6100	160	≤±0.03	±0.02	10.5T	8663	3564	1800	1
ULF 8026	8000 x2600	2600	8100	160	≤±0.03	±0.02	14T	10937	3563	1800	1
ULF 13026	13000 x2600	2600	13000	160	X-axis≤±0.03 Y-axis≤±0.05	±0.02	20T	16270	3691	2432	1
ULF 24026	15000 x2600	2600	15000	160	X-axis≤±0.03 Y-axis≤±0.1	±0.02		28850	3691	2432	1
ULE 3015	3000 x1500	1520	3050	220	≤±0.03	±0.02	7T	9050	2915	2300	1.2
ULE 4015	4000 x1500	1520	4050	220	≤±0.03	±0.02	8T	10800	2920	2300	1.2
ULE 4020	4000 x2000	2020	4050	220	≤±0.03	±0.02	9T	10757	3500	2300	1.2
ULE 6020	6000 x2000	2020	6050	220	≤±0.03	±0.02	14T	14475	3500	2300	1.2
ULE 6025	6000 x2500	2550	6100	280	≤±0.03	±0.02	20T	14800	4090	2400	1.5
ULE 8025	8000 x2500	2550	8100	280	≤±0.03	±0.02	25T	19050	4090	2400	1.5
ULE 12025	12000 x2500	2550	12500	280	X-axis≤±0.03 Y-axis≤±0.05	±0.02	35T	27700	4090	2400	1.5

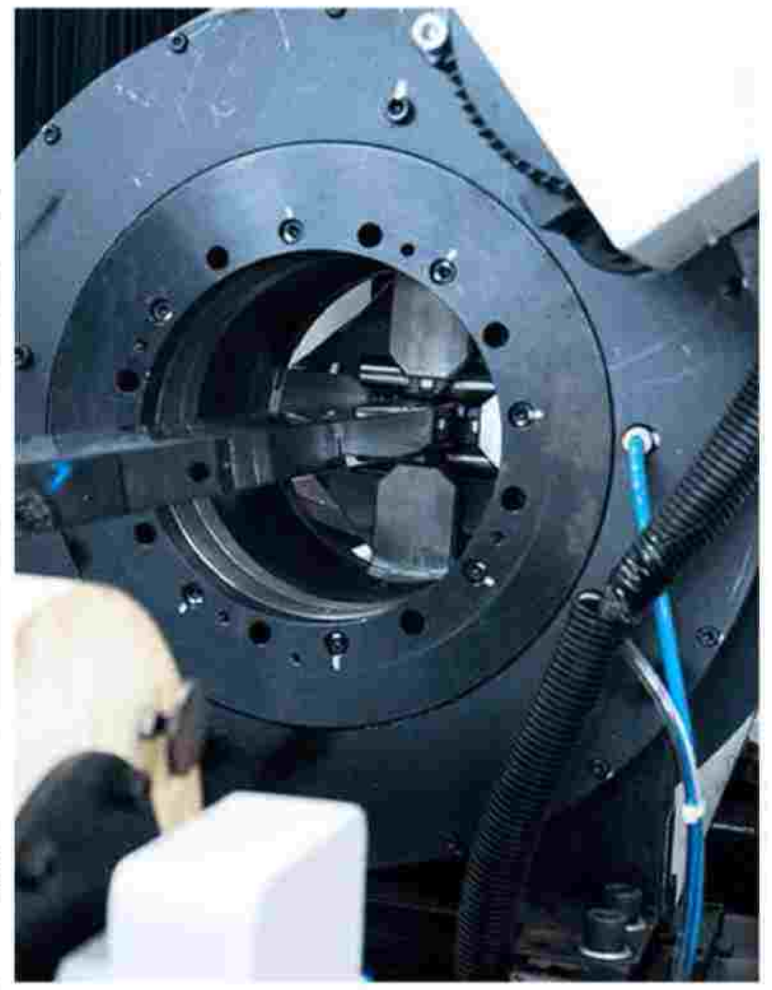
TUBE LASER CUTTING MACHINE

FPC Series

- The bed is welded using steel that is over 8mm thick.
- The whole frame is annealed at high temperature, shot blasted at high speed, and stress relief technology is applied to effectively avoid bed deformation and ensure no deformation after 20 years of use.
- The brand of our fiber laser source including Raycus (China), n-Light (USA), IPG (Germany), with the power from 500W to 20,000W.
- With constant BPP throughout the full power range, it provides excellent beam quality, a small spot size, and over 30% electro-optical conversion efficiency.



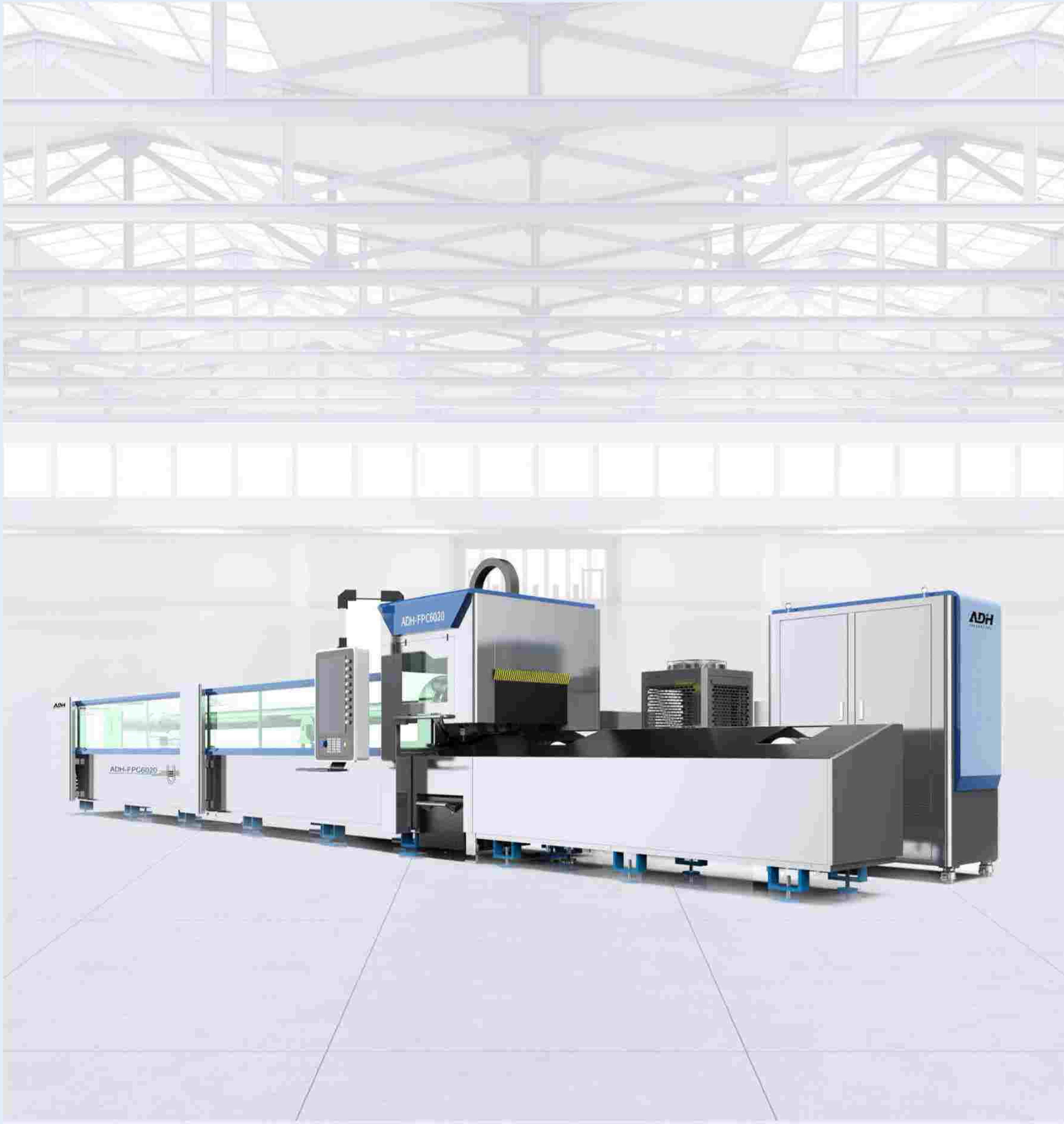




- It is suitable for multi-focus sections, reducing cutting time and improving cutting quality.
- The cutting head's anti-collision protection structure is patented, and the micro-connection waste cutting feature prevents plate warping, enabling high-speed and stable cutting operations.
- Cypcut cutting software, China's cutting software specially designed for fiber laser cutting machine.
- It offers the benefits of easy installation, simple debugging, and outstanding performance, and supports speed adjustment with power.

Specifications

FPC Tube Laser Cutting Machine Parameters



Automatic Loading Device

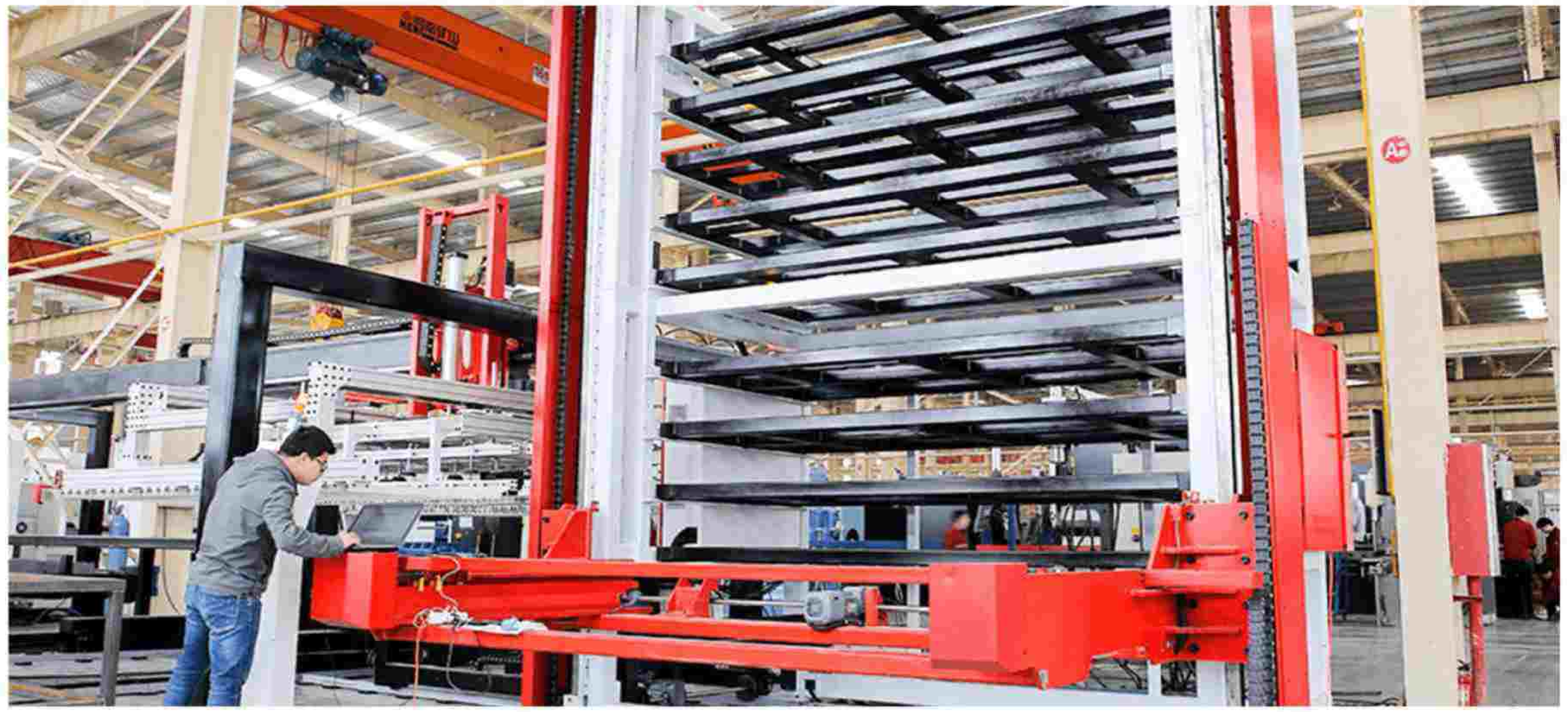
It can realize the automatic loading of pipes and tubes.

Pipe Dimensions	Diameter: 20mm-200mm Length: 6m/9m (320mm Optional)
Tube Category	Round,Square,Oval,Rectangular,Triangle,ect.
Laser Power	1000W-3000W
Max. Acceleration	0.8G
Rotary Speed	80r/min
Positioning Accuracy	±0.03mm/m
Repositioning Accuracy	±0.05mm
Total Weight	Over 13T
Total Power Consumption	18.3KVA-41KVA
Power Supply	380V50Hz/380V60Hz/220V60Hz
Dimensions	12246*5388*2355mm

LASER CUTTING FLEXIBLE SYSTEM

FMS Series

- Building upon the FMC system, a multi-layer material warehouse is added, which allows for batch processing of plates with multiple varieties and specifications. It also enables communication and data sharing with the production management system.
- The workpiece sorting system can be customized according to your needs. This system significantly improves processing efficiency and reduces overall production costs.
- This machine automatically completes the feeding, cutting, and unloading of plates. In addition, it features a multi-layer material warehouse system that enables batch processing of plates with multiple varieties and specifications. The system also enables communication and data sharing with the production management system.



Unit Warehouse + Feeding Device

The new intelligent 3D sheet material warehouse unit is composed of a material warehouse, stacker, discharge platform, and peripheral safety protection devices. The number of material warehouse locations and trolley discharge mode can be customized to meet your needs.

Gantry Type Automatic Loading & Unloading Device

The CNC system automatically controls the lifting compensation of the worktable according to the bending sheet's process state, ensuring uniform and consistent angles across the entire length of the workpiece.

HANDHELD LASER WELDING MACHINE

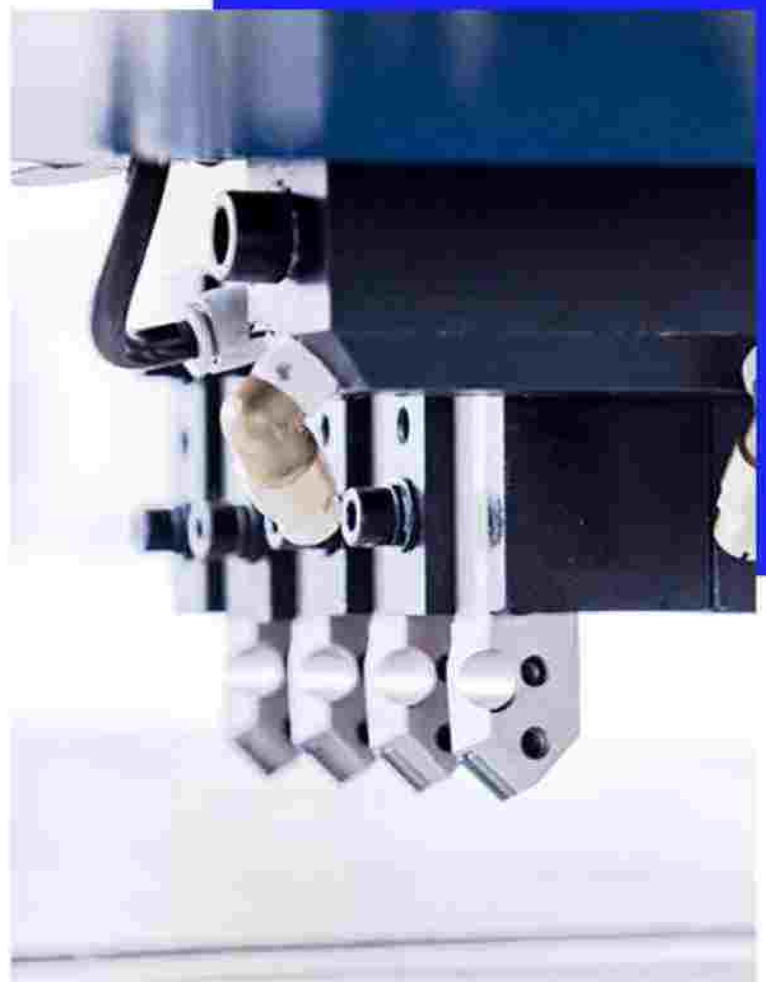
FLW Series

- High electro-optic conversion efficiency (>30%), low energy consumption.
- Handheld laser welding machines can be utilized extensively in intricate and irregular welding procedures for cabinets, kitchens, stairs, elevators, racks, ovens, stainless steel door and window railings, power distribution boxes, stainless steel homes, and other industries.
- The WOBBLE handheld laser head is lightweight and flexible, allowing for welding of any part of the workpiece, increasing efficiency, safety, energy conservation, and promoting an environmentally friendly approach to welding.
- With simple training, it can be easily operated and beautiful products can be welded without the need for a teacher's assistance.
- With its simple operation, compact size, and the ability to complete skill training (including operation and maintenance) in just one day, this solution eliminates the need to recruit technical welders and reduces labor costs.
- The welding speed is ten times faster than traditional methods.
- It is suitable for welding thin metals, primarily stainless steel, carbon steel, and aluminum sheets.
- It features an integrated water tank and thermostatic refrigeration system.

Specifications

Handheld Laser Welding Machine Parameters

Optical characteristics	Spec.	Note
Rated output power (W)	1000-2000	
Working mode	Continuous / modulation	
Output spot	Rotary motor ring variable multi spot	
Power regulation range (%)	10~100	
Central wavelength (nm)	1080	Rated output power
Output power instability	<3%	Rated output power; Continuous operation time: ≥5hrs; Working temperature: 25 ℃.
Modulation frequency (Hz)	50~5k	Rated output power
Red light indicates output power (mW)	0.5~1	
QBH Optical output characteristics of output head		
Beam quality	<2	Rated output power
(BPP, mm•mrad)		
Numerical aperture	0.2	
Fiber core diameter (μm)	50	25, 100, 200 Optional
Output fiber length (m)	10-15	



HORIZONTAL V GROOVING MACHINE

ADHK Series

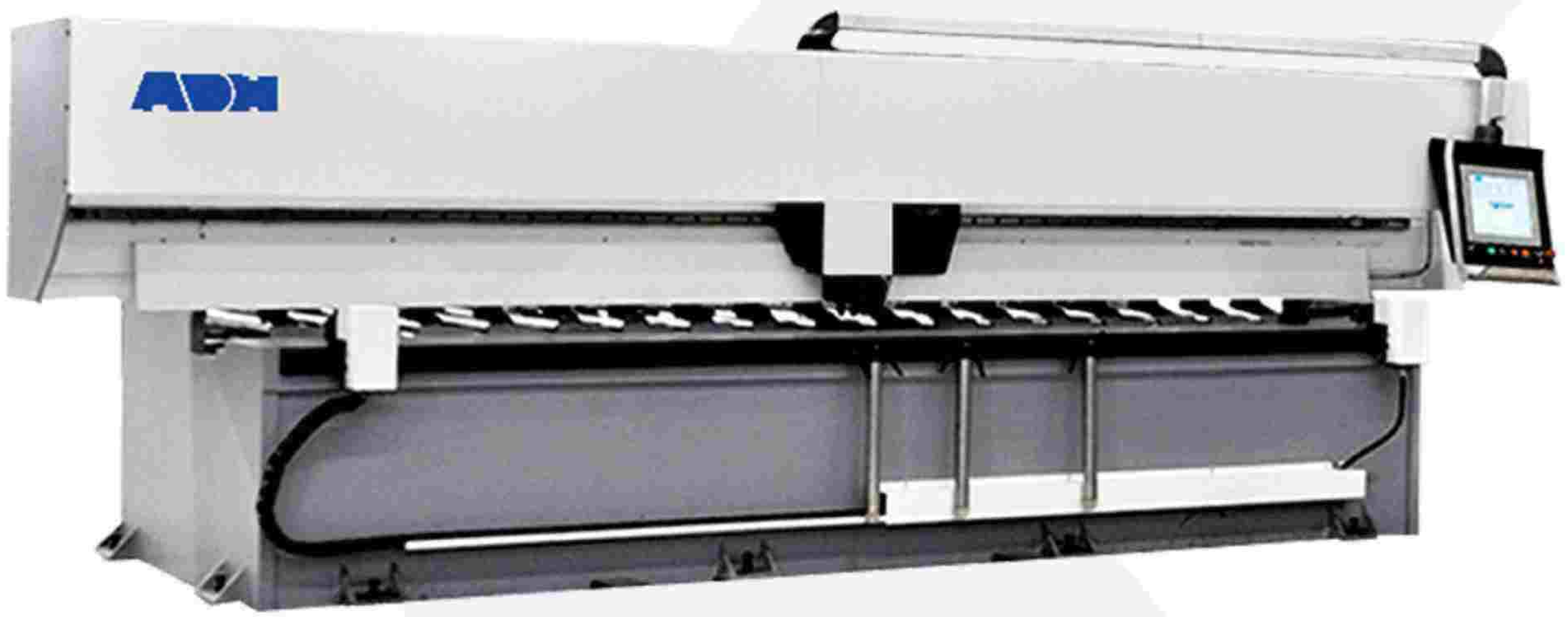
- The machine base and beam adopt a frame structure design, and the worktable is made of 60mm low-alloy high-strength structural steel. The frame is constructed from Q345 steel plate. The machine tool has excellent overall rigidity, providing firm and durable performance.
- The CNC system of the grooving machine, sourced from Taiwan's Easycat, features an intelligent touchscreen that makes the operation interface user-friendly and easily accessible. The system integrates a variety of advanced functions to enhance processing efficiency and deliver top-quality grooving results.
- Superior performance ensures the continued strength of the powertrain.

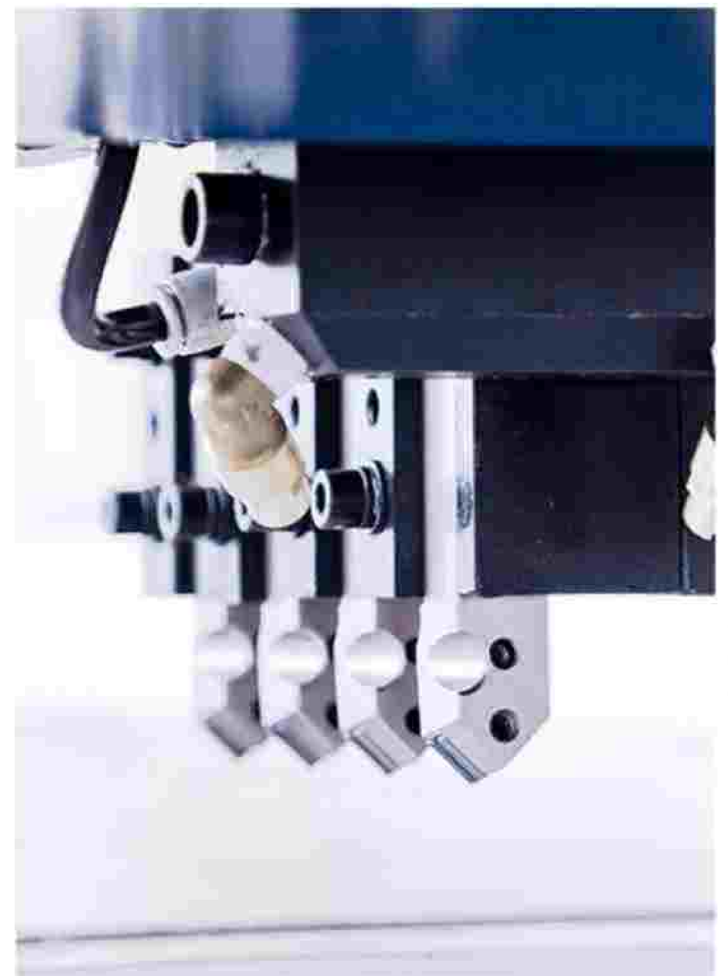
- The technology for processing four grooving cutters has been adopted to ensure that each blade is grooved evenly during the processing.
- It is powered by the original Taiwan Easycat servo motor and equipped with a high-end CNC system to ensure the machine's long-term stability.
- The hydraulic system adopted is Japan Yuken.
- The blade is made of alloy steel.

Specifications

ADHK Horizontal V Grooving Machine Parameters

Model	3200*1250	4000*1250	4000*1500	5000*1250	5000*1500	6000*1250	6000*1500
Max grooving width (mm)	1250	1250	1500	1250	1500	1250	1500
Max grooving length (mm)	3200	4000	4000	5000	5000	6000	6000
Max grooving hight (The flatness of stainless steel sheet is less than 3mm) (mm)	4	4	4	4	4	4	4
Min grooving thickness (mm)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Min distance between V-groove and edge (mm)	8	8	8	8	8	8	8
Max cutting speed m/min	0-90	0-90	0-90	0-90	0-90	0-90	0-90
Return speed	0-120	0-120	0-120	0-120	0-120	0-120	0-120
Left and right movement resolution of tool rest (mm)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Positioning accuracy (mm)	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
Up and down movement resolution of tool rest (mm)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Positioning accuracy (mm)	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
Power of main servo motor (kw)	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Hydraulic system working pressure (Mpa)	7-9	7-9	7-9	7-9	7-9	7-9	7-9
Machine size (L*W*H)	5300*2300*1700	6100*2300*1700	6100*2600*1700	7100*2300*1700	7100*2600*1700	8100*2300*1700	8100*2600*1800





VERTICAL V GROOVING MACHINE

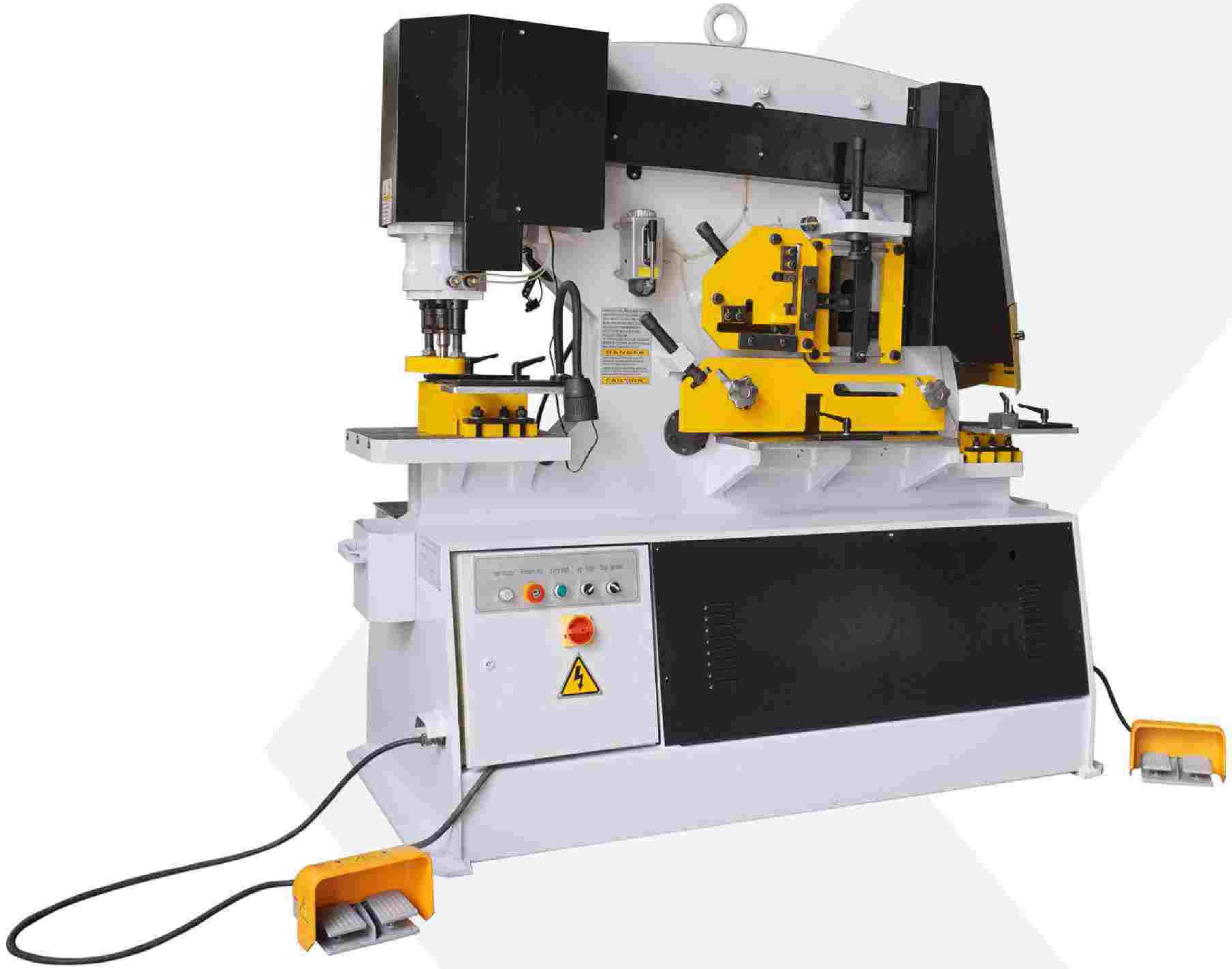
ADRK Series

- The machine base and beam adopt a frame structure design, and the worktable is made of 60mm low-alloy high-strength structural steel. The frame is constructed from Q345 steel plate. The machine tool has excellent overall rigidity, providing firm and durable performance.
- The CNC system of the grooving machine, sourced from Taiwan's Easycat, features an intelligent touchscreen that makes the operation interface user-friendly and easily accessible. The system integrates a variety of advanced functions to enhance processing efficiency and deliver top-quality grooving results.
- Double nozzle blowing is employed to thoroughly clean debris.
- The processing technology of four grooving cutters is used to ensure that each blade is grooved evenly during processing.
- It is powered by the original Taiwan Easycat servo motor and equipped with a high-end CNC system to ensure the machine's long-term stability.
- The hydraulic system adopted is Japan Yuken.
- The blade is made of alloy steel.

Specifications

ADRK Vertical V Grooving Machine Parameters

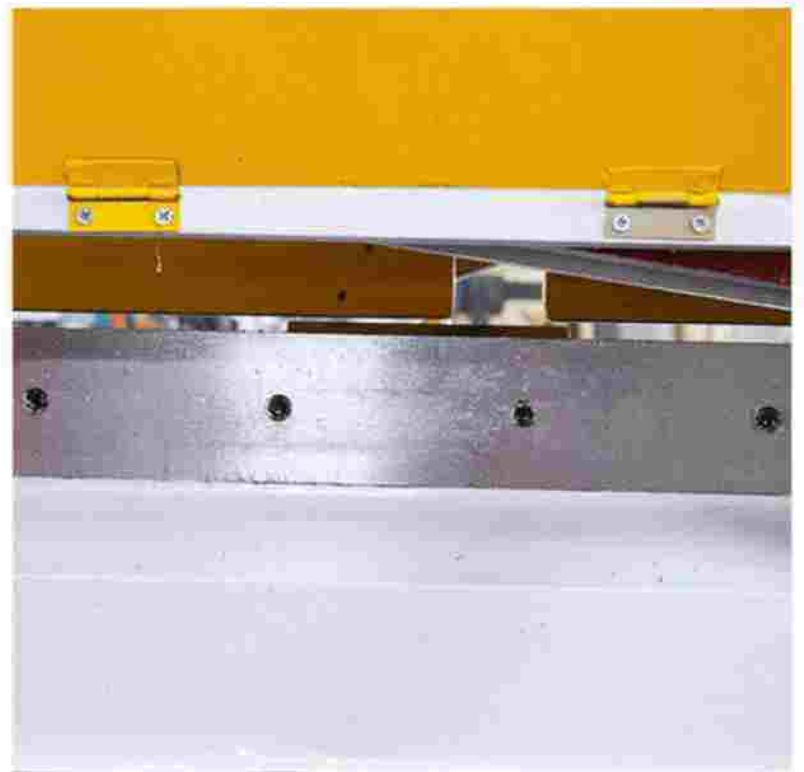
Model	3200/1250	3200/1500	4000/1250	4000/1500
Max grooving width (mm)	1250	1500	1250	1500
Max grooving length (mm)	3200	3200	4000	4000
Max grooving hight (The flatness of stainless steel sheet is less than 3mm) (mm)	6	6	6	6
Min grooving thickness (mm)	0.4	0.4	0.4	0.4
Min distance between V-groove and edge (mm)	8	8	8	8
Max cutting speed m/min	0-90	0-90	0-90	0-90
Return speed	0-120	0-120	0-120	0-120
Left and right movement resolution of tool rest (mm)	0.001	0.001	0.001	0.001
Positioning accuracy (mm)	±0.01	±0.01	±0.01	±0.01
Up and down movement resolution of tool rest (mm)	0.001	0.001	0.001	0.001
Positioning accuracy (mm)	±0.01	±0.01	±0.01	±0.01
Power of main servo motor (kw)	4.5	4.5	4.5	4.5
Hydraulic system working pressure (Mpa)	6-8	6-8	6-8	6-8
Machine size (L*W*H)	4800*2650*2100	4800*2850*2100	5850*2650*2100	5850*2850*2100



IRONWORKER MACHINE

Q35Y Series

- With a hydraulic transmission, this machine is capable of cutting, punching, and shearing plates, as well as square steel, round steel, angle steel, channel steel, and I-steel. It is also equipped with a shear retaining device.
- With hydraulic transmission, the entire machine boasts a reasonable structure, lightweight design, low noise operation, reliability, and excellent performance in the face of overloads.
- Adopting hydraulic drive, this series of machines is suitable for the plastic material blanking, drawing, and pressing process, including sheet metal blanking, bending, stretching, fine blanking, and the cold extrusion of metal parts.
- Various specifications of upper and lower molds can be provided. The unique structure allows for punching of large angle and channel steel.



- 45° angle steel can be cut from both the upper and lower ends at the angle steel cutting position, with a diamond blade ensuring high-quality cutting.
- It is suitable for cutting channel steel, angle steel, square steel and round steel.
- It is suitable for cutting channel steel, angle steel, flat steel, iron plates, flat plate angles, and other angles with fast speed, high efficiency, and stable performance.
- Suitable for swiftly cutting flat steel and iron plates with high efficiency and a stable performance.

Specifications

Q35Y Series Hydraulic Ironworker Machine Parameters

Parameter Of Multi-function Hydraulic Ironworker

Model	Punching Pressure (T)	Max cutting thickness of steel plates (mm)	Plate strength (N/mm²)	Angle of Shear (°)	A trip size (T x W) (mm)	Slider trip (mm)	Trips frequency (Ctimes/min)	Throat depth (mm)	Punch depth (mm)	Max punching diameter (mm)	Main Motor Power (KW)	Overall dimensions (L×W×H) (mm)
Q35YL-60	60	16	≤450	8°	16×250 8×400	80	8-22	300	16	30	5.5	1800×880×1800
Q35YL-90	90	20	≤450	8°	20×330 10×480	80	8-22	355	20	35	7.5	2000×930×2000
Q35YL-120	120	25	≤450	8°	25×330 16×600	80	8-22	400	25	35	11	2370×1290×2400
Q35YL-160	160	30	≤450	8°	30×335 20×600	80	8-22	600	28	38	11/15	2760×1290×2400
Q35YL-200	200	40	≤450	8°	35×400 25×700	80	8-22	600	35	40	15/18	3000×1400×2600
Q35YL-250	250	50	≤450	8°	40×400 30×750	80	8-22	600	40	40	18/22.5	3300×1560×2800

H-steel Channel Steel Need To Be Customized

Profile	Round Bar	Square Bar	Equal Angle		T-Bar		Joist	Channel
			90° Shearing	45° Shearing	90° Shearing	45° Shearing		
Section View								
Q35YL-90	45	40×40	120×120×12	70×70×8	120×120×12	60×60×8	126×74×5	126×53×5.5
Q35YL-120	50	45×45	140×140×12	70×70×10	140×140×12	70×70×10	160×86×6	160×60×6.5
Q35YL-160	60	50×50	160×160×14	80×80×7	160×160×14	80×80×10	200×102×9	200×75×9
Q35YL-200	65	55×55	180×180×16	80×80×10	180×180×16	80×80×10	280×124×10.5	280×86×11.5
Q35YL-250	70	60×60	200×200×18	100×100×10	200×200×18	80×80×10	300×126×11	300×89×12
Q35YL-250	80	65×65	200×200×20	120×120×16	200×200×20	80×80×10	320×130×10	320×92×12

Technical Specifications

Model	Q35Y-16	Q35Y-20	Q35Y-25	Q35Y-30	Q35Y-40	Q35Y-50
Pressing force (ton)	65	90	120	160	200	160
Max cutting plate thickness (mm)	16	20	25	30	40	30
Sheet tensile strength (N / mm2)	≤450	≤450	Division ≤ 450	≤450	≤450	≤450
Shear angle	7°	8°	8°	8°	9°	9°
One stroke shear plate size (thickness and width) (mm)	16*2508*400	16*2508*400	16*2508*400	16*2508*400	16*2508*400	16*2508*400
Ram stroke	80	80	80	80	80	80
Number of strokes (times / min)	12-18	12-18	12-18	12-18	12-18	12-18
Throat depth (mm)	300	355	400	600	600	600
Punching thickness (mm)	16	20	25	26	35	40
Max punching diameter (mm)	25	30	35	38	40	40
Main motor power (kw)	4	5.5	7.5	11	15	18
Overall dimension (L *W *H) mm	1640*730*1770	1640*800*1990	2355*960*20902	2680*1040*2300	2970*1240*23503	3000*1440*2450