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Partners



光寶科技



Company Introduction

Established in 2008, Hymson Laser Technology Group is one of the biggest laser equipment manufacturers in China, engineered for R&D, manufacturing, selling and serving high precision and automation laser equipment. We own five subsidiaries, including Hymson Guangzhou, Hymson Shenzhen, Hymson Anshan, Hymson Jiangsu and Hymson Jiangmen, our machines equipped more than 40 countries and regions, serving thousands of customers. Thanks to 1,600 more high-educated employees, hundreds of engineers and technicians, overseas R&D team and rich experienced management, we have owned more than 100 patents and software copyright and 63 patents authorized already. Under the 'Made-In-China 2025' national strategy, Hymson aimed to be one global branded laser and automation group, bring energy friendly and society comfortable all over the world.

Vision: To be the global brand of Laser and automation Hi-Tech Group Company, leading in equipment manufacturing industry.

Mission: Bring artificial intelligence, automation, green energy and economic friendly to the whole world and society; Fastest service to customers, share the wealth with customers and distributors, grown together with the employee, contribution to whole equipment and manufacturing world.



Hymson Jiangsu



Hymson Jiangmen



Hymson Shenzhen



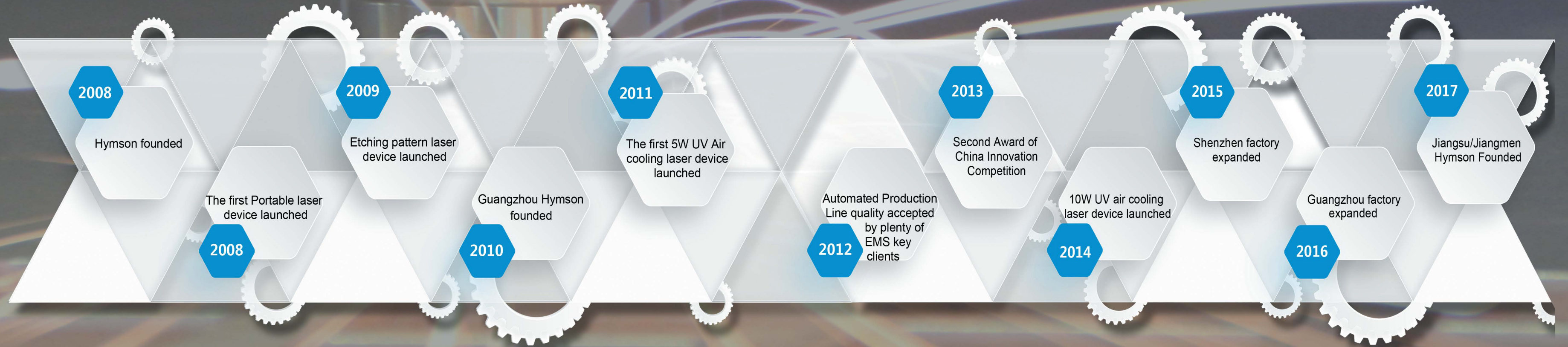
Hymson Guangzhou



Hymson Anshan



MILESTONE



Hymson Jiangsu



Hymson Jiangmen



Hymson Shenzhen



Hymson Guangzhou



Hymson Anshan



Jiangmen Hymson Intelligent Manufacturing Base, covering an area of more than 100 acres.



Jiangsu Hymson Intelligent Manufacturing Base, covering an area of more than 500 acres.

Product series

Fiber Laser Cutting Machine

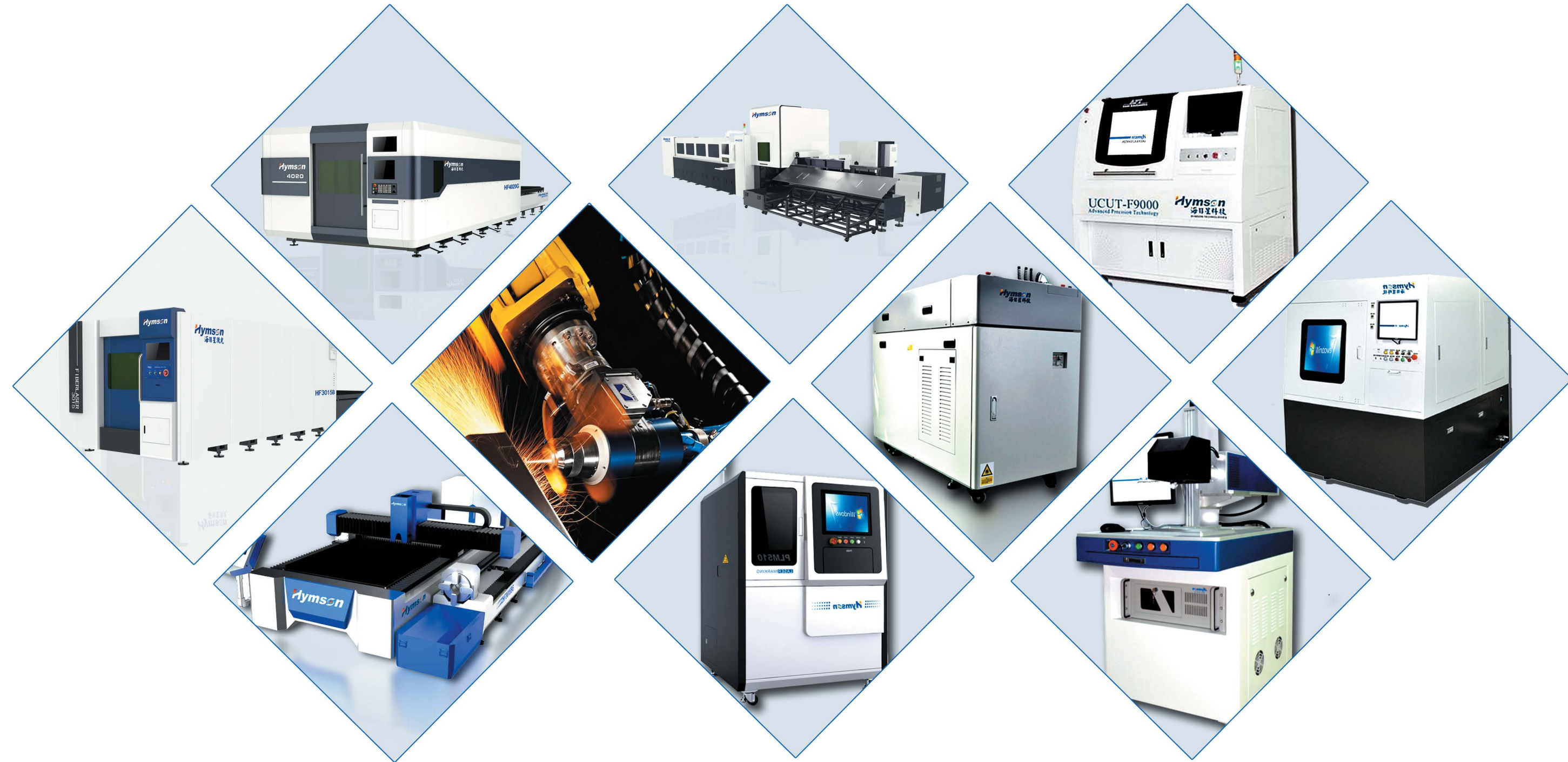
- ◆ HF•G Series
- ◆ HF•D Series
- ◆ HF•B Series
- ◆ HF•A Series

Fiber Laser Pipe Cutting Machine

- ◆ HP Series
- ◆ AP Series

Product line

- ◆ Laser Welding
- ◆ Laser Marking & Lithium Battery
- ◆ Laser Precious Equipment
- ◆ Laser Automation Production Line





INDEPENDENT R&D

Core technical and management team has above 15 years average experience in laser and automation products development and management.

- Group has many prestigious advisors and professionals in this industry of China and talents with doctoral and masters degrees.
- Team members are graduates from top International university, with abundant experience in overseas companies or foreign companies.
- Annual R&D investment takes up 9% of total sales.



Exclusive intellectual property rights

More than 100 patents

Authorized more than 60 patents

HF • G series fiber laser cutting machine

- ▶ Highest lever optimized configuration
- ▶ Highest powerful cutting capacity

BECKHOFF EtherCAT



Quicker Pitercing
Faster Cutting
Higher Precision

- ▶ Our top R&D software engineer team, based on open source BECKHOFF platform, brings customer the highest intelligent using experience.
- All modules based on ETHERCAT bus control system, supporting variety of field buses, can satisfy maximum need of system open source.
- The open program code, ensuring second time customized development, upgrades the value of all system.
- (NC/CNC/PLC system, can avoid system performance loss from CPUs' communication in traditional structure.
- Rapid and real-time Ethernet communication ensures short time cycle control and environmental reliability.
- We apply whole set of original servo motor unit, ultra-high dynamic performance to improve Operating efficiency.

Technical data

Model	HF3015G	HF4020G	HF6020G
Processing area(L*W)	3050mm x 1550mm	4050mm x 2050mm	6050mm x 2050mm
Z axis track	240mm	240mm	240mm
X/Y axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy	±0.02mm	±0.02mm	±0.02mm
X/Y axis Max positioning speed	169m/min	169m/min	169m/min
X/Y axis Max acceleration	2.0 g	1.8 g	1.6 g
Weight of machine	10.8 t	14.6 t	18.8 t
Max load of worktable	1.8 t	2.2 t	2.6 t
Dimension(L*W*H)	8300mm x 5700mm	10200mm x 6400mm	14300mm x 6900mm
IP degree	IP54	IP54	IP54

HF • D series fiber laser cutting machine

- ▶ Automation
- ▶ Precise
- ▶ High power cutting capacity

BECKHOFF EtherCAT



High precision

Aseismic Structure

Low-cost Running

▶ High efficiency, Low consumption, Reliability

- Friendly computer system for easier operation
- CNC ensures high accuracy, high stability and fast speed to U axis follow, power unit, follow-up control, leapfrog control, scan cutting and so on.
- Our standard regulated power supply unit, ensure the whole system reliability, save more cost and easier service
The high intelligent Bosch (Rexroth) automation proportional valve system, brings significantly costs reduce.
- Based on BECKHFOO platform innovation, will definitely increases your machining efficiency and process quality.

Technical data

Model	HF3015D	HF4020D	HF6020D
Processing area(L*W)	3050mmX1550mm	4050mmX2050mm	6050mmX2050mm
Z axis track	240mm	240mm	240mm
X/Y axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy	±0.02mm	±0.02mm	±0.02mm
X/Y axis Max positioning speed	140m/min	140m/min	140m/min
X/Y axis Max acceleration	1.5 g	1.2 g	1.0 g
Weight of machine	8.8 t	11.6 t	14.8 t
Max load of worktable	1.2 t	1.8 t	2.2 t
Dimension(L*W*H)	8300mmX5700mm	10200mmX6400mm	14300mmX6900mm
IP degree	IP54	IP54	IP54

HF • B series fiber laser cutting machine

- ▶ Precise
- ▶ Economic solution for dual table
- ▶ High Stability

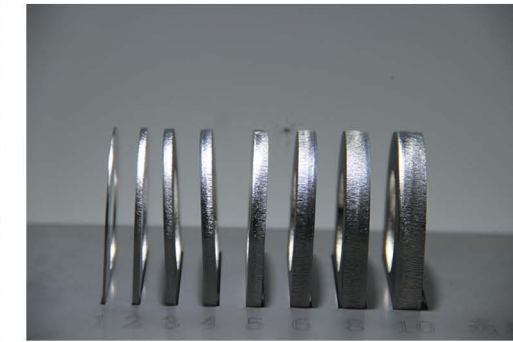


Economic Running

Stable Structure

Easy Using

- ▶ High cutting efficiency, high cost performance and low running cost
High cutting performance for copper/brass, aluminum, stainless steel and carbon steel



Technical data

Model	HF3015B	HF4020B
Processing area(L*W)	3050mm x 1550mm	4050mm x 2050mm
Z axis track	240mm	240mm
X/Y axis positioning accuracy	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy	±0.02mm	±0.02mm
X/Y axis Max positioning speed	120m/min	100m/min
X/Y axis Max acceleration	1.0 g	1.0 g
Weight of machine	8.8 t	11.6 t
Max load of worktable	0.8 t	1.2 t
Dimension(L*W*H)	8300mm x 5700mm	10200mm x 6400mm
IP degree	IP54	IP54

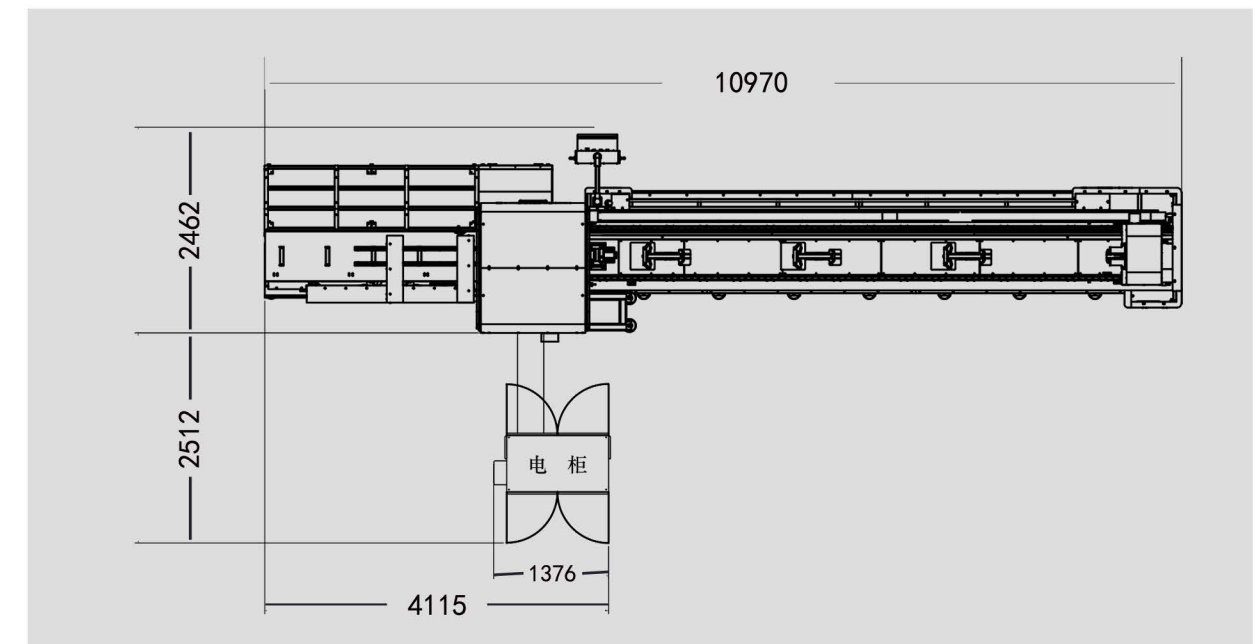
HP Series Fiber Laser Pipe Cutting Machine

—High cutting speed and high efficiency, capable of cutting multiple types of pipes.



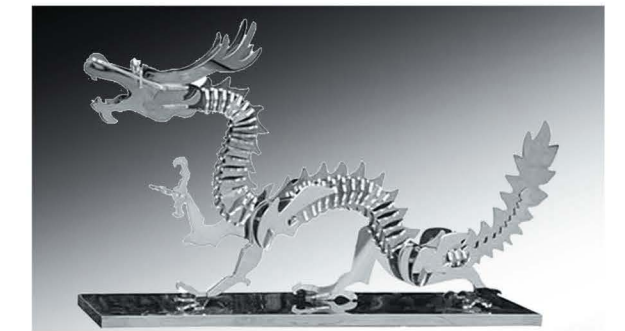
- ▶ Intelligent Running.
- ▶ High Quality Cutting
- ▶ Faster up-down Material

Product top view



HF • AP Series Tube Sheet Dual Purpose Fiber Laser Cutting Machine

- ▶ Dual-use for sheet and pipe
- ▶ High efficiency
- ▶ Same stability and precision compared to basic model



Technical data

Model	HF3015AP	Tube processing specification	φ20 ~ φ120mm □20 ~ □85mm
Processing area(L*W)	3050mm x 1550mm	Tube length	6000mm
X/Y axis positioning accuracy	±0.03mm/m	V axis Max. rotation speed	150r/min
X/Y axis repeat positioning accuracy	±0.02mm	Max. Load of tube worktable	400KG
X/Y axis Max positioning speed	100m/min	Installing size	8700*5000
X/Y axis Max acceleration	0.6 g	Max. tube production length	3000mm
Max load of worktable	0.8 t	V axis Max. rotation acceleration	0.2 g
Dimension(L*W*H)	8300mm x 5700mm	IP degree	IP54

HF • A series of fiber laser cutting machine

- ▶ Lower cutting cost and lower maintenance requirement
- ▶ High cutting efficiency and high investment return



- ▶ Manual loading, easier operation and flexible machining, lower maintenance requirements



Technical data

Model	HF3015A	HF4015A	HF6020A
Processing area(L*W)	3050mmX1550mm	4050mmX1550mm	6050mmX2050mm
Z axis track	100mm	100mm	100mm
X/Y axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy	±0.02mm	±0.02mm	±0.02mm
X/Y axis Max positioning speed	110m/min	110/min	100m/min
X/Y axis Max acceleration	1.0 g	1.0 g	0.8 g
Weight of machine	4.8 t	5.8 t	9.8 t
Max load of worktable	0.4 t	0.8 t	1.2 t
Dimension(L*W*H)	4800mmX4800mm	5800mmX4800mm	7800mmX6400mm
IP degree	IP54	IP54	IP54

Hymson Fiber cutting thickness (mm)

Fiber	1000W	1500W	2000W	3000W	4000W	6000W	8000W
Carbon steel	10	12	16	20	22	25	25
Stainless steel	5	6	8	10	12	20	30
Aluminum	3	4	6	10	12	16	30
Brass	2	3	5	8	8	10	16
Red copper	1	2	3	4	6	8	10

(For reference only)

Hymson Fiber Customer investment return

	Fiber		Fiber		Fiber		Fiber
	1000	1500	2000	3000	4000	6000	8000
Laser Source Power	8.4	10.5	12.6	16.6	20.8	28.6	34.3
Power Consumption(KW)	1.5	1.8	2.2	2.9	3.6	5.0	6.0
Electricity Cost(USD)	N ₂ / O ₂	N ₂ / O ₂	N ₂ / O ₂	N ₂ / O ₂	N ₂ / O ₂	N ₂ / O ₂	N ₂ / O ₂
Gas Type	2.2	2.3	2.6	2.9	2.9	3.6	4.3
Gas Cost(USD)	3.7	4.1	4.8	5.8	6.5	8.6	10.3
Cost/h (USD)							

Note: based on gas cost 0.2USD/KG,electricity cost 0.19USD/KW.h

(For reference only)

- 1.Hymson’s experienced engineer will provide professional and standard installing and training and additional assistant for mass production.
2. Hymson founded a WeChat or WhatsApp group for routine after service question and technical support from 8:00am~10:00pm (Chinese Time Zone)..
3. If question can’t be answered in 30 minutes by WeChat or WhatsApp, then Hymson’s engineer will have a video call or have clients to find solution.
4. Hymson provided one year limited warranty period. If any defect requires changing the part in warranty period, then FOC spare part will be sent ASAP. If any defect require engineer to come maintain, then the engineer will be arrived ASAP.
5. Outside the warranty time, the paid or unpaid service depends on the products specific conditions.
6. Free of change lifetime technology support and software update.