

Fiber Laser Cutting Machines



Fast, flexible, ergonomic, and highly precise laser cutting machines

Since 1973...



Ajan Elektronik is proud to launch the production and sales of CNC Fiber Laser Cutting Machines, reaching the culmination of fifteen years of meticulous R&D work. This new era reflects our deep roots in the industry and our commitment to advanced technology. With this step that will revolutionize cutting technology, we offer superior quality and precision in processed materials.

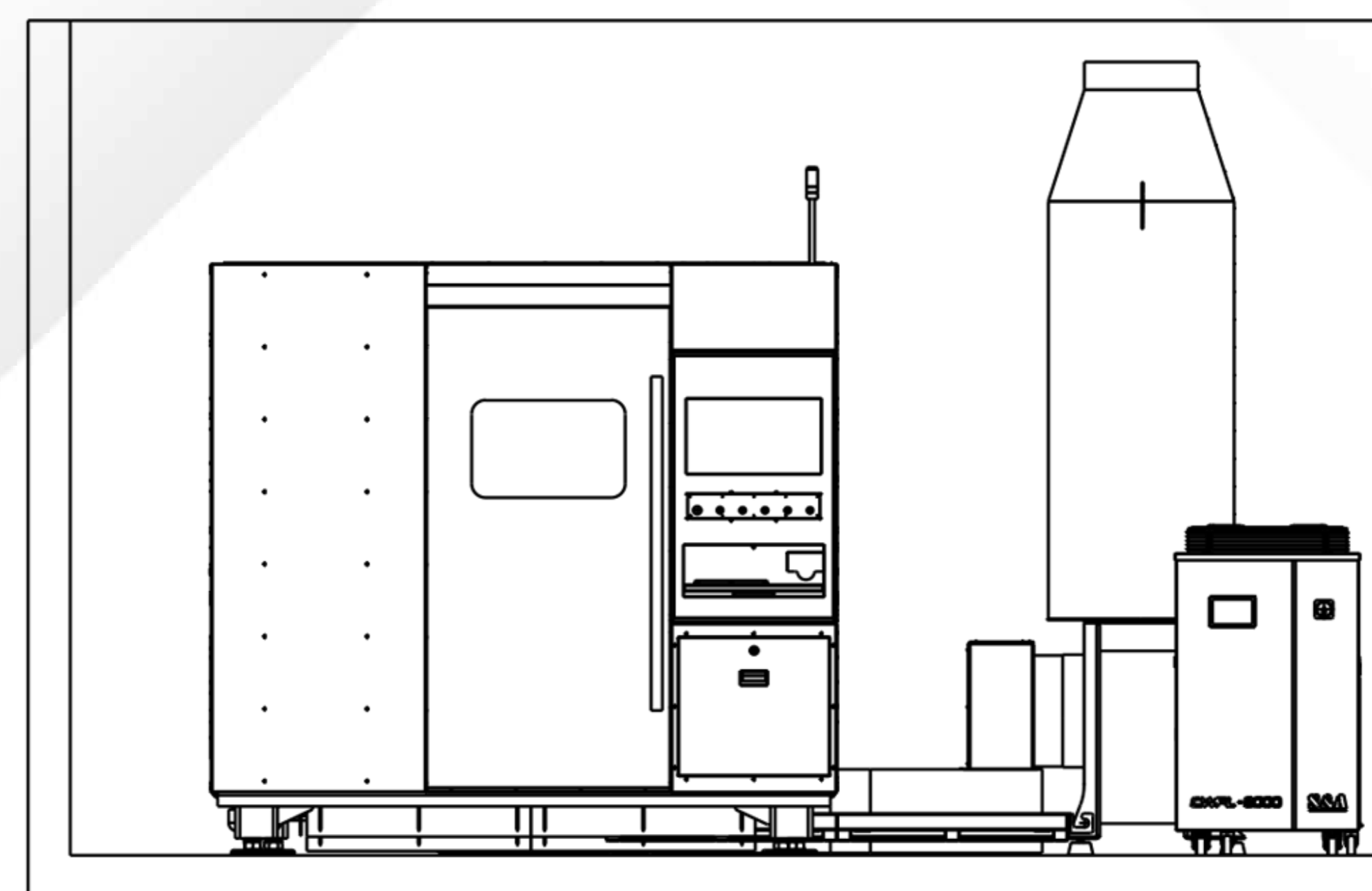
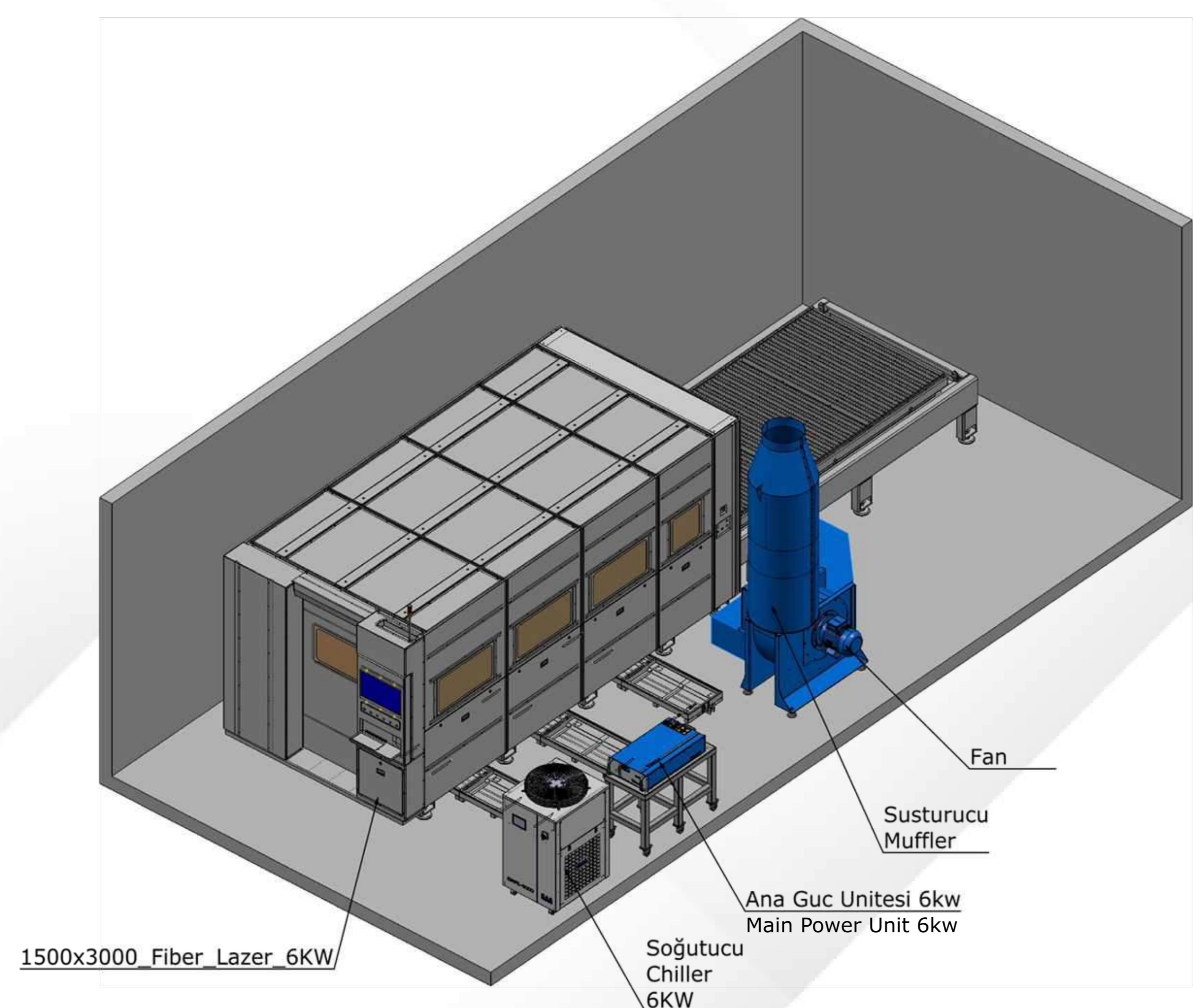
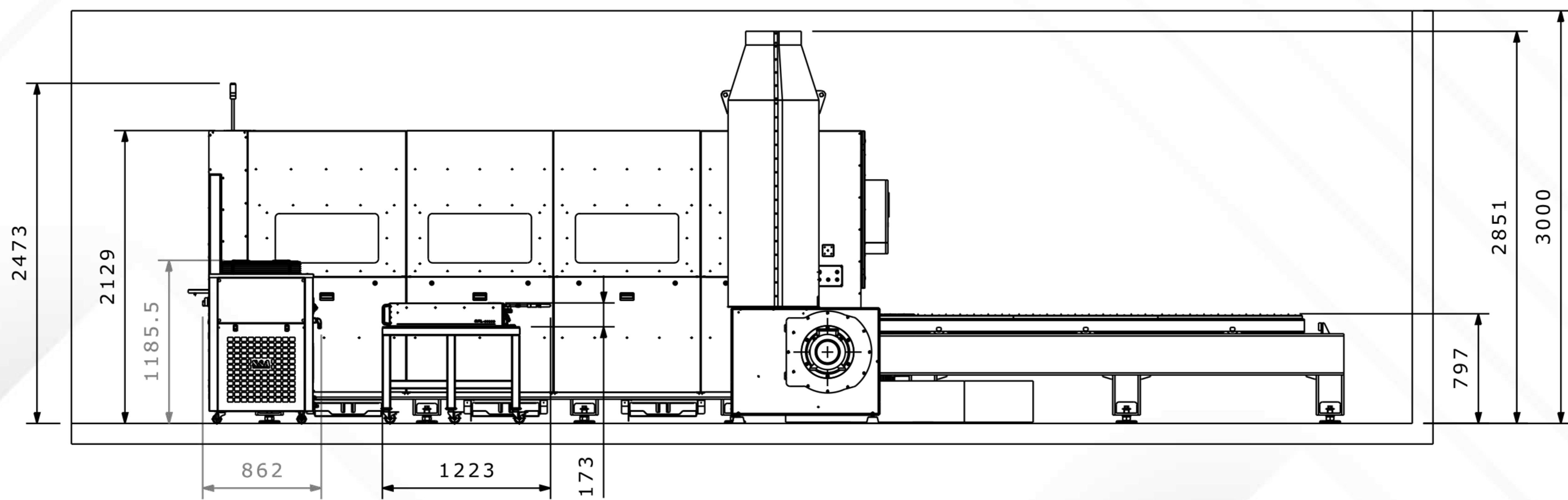
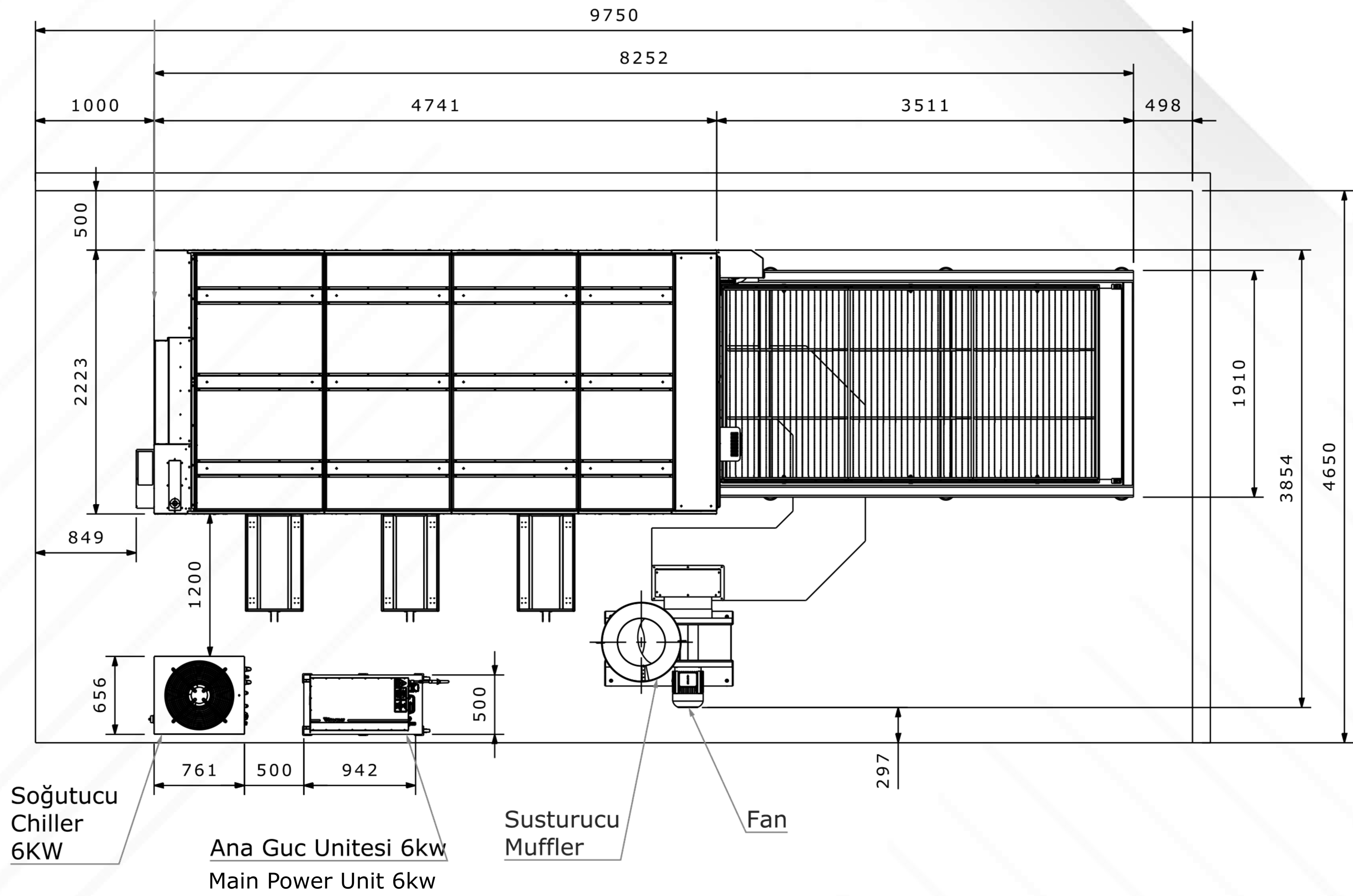
This new product line from Ajan Elektronik reinforces our mission of bringing innovative solutions to our customers' needs while continuing our tradition of perfectionism. We shape the future of the industry with our CNC Fiber Laser Cutting Machines. Join us on this exciting journey.

AJAN FIBER LASER CUTTING MACHINE



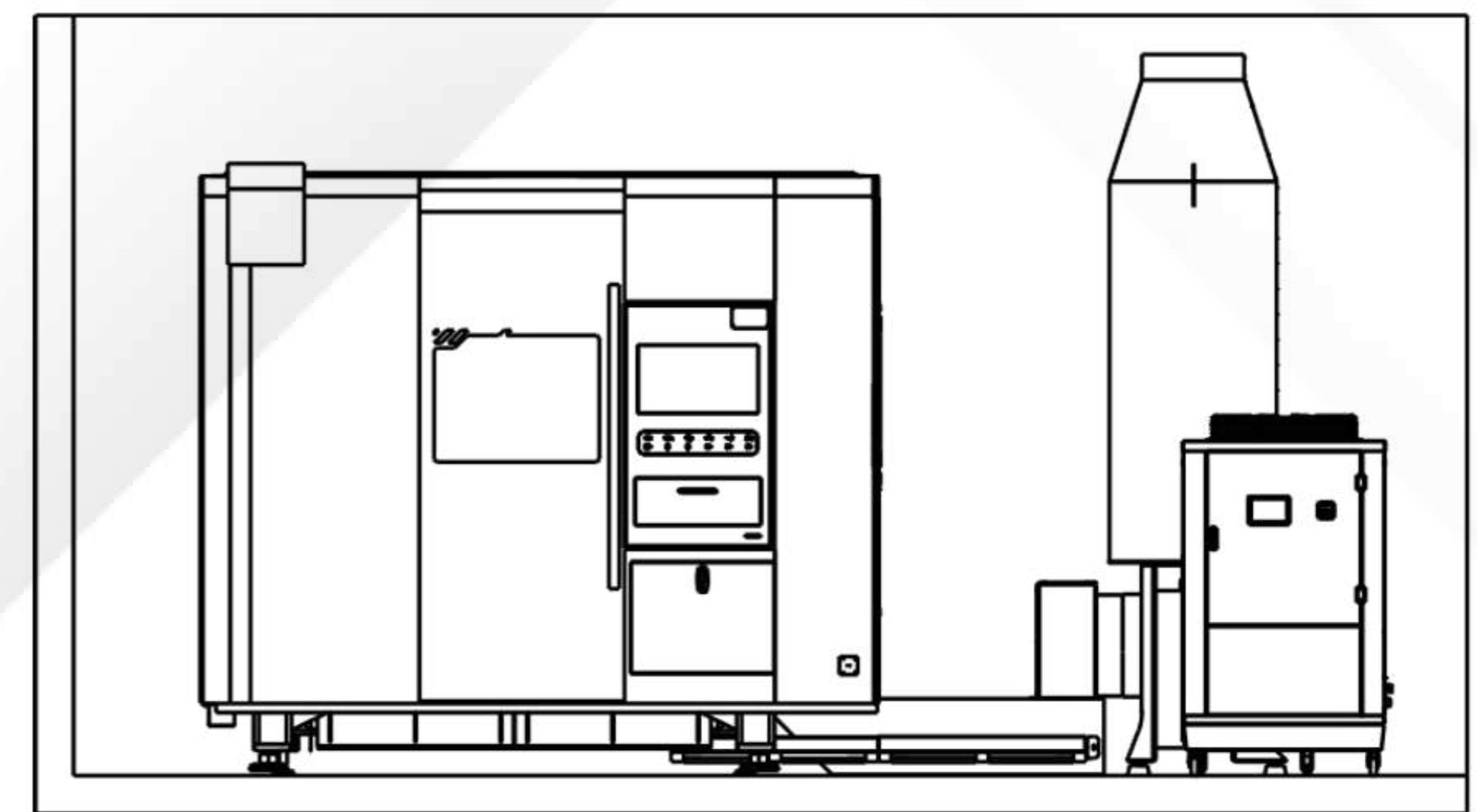
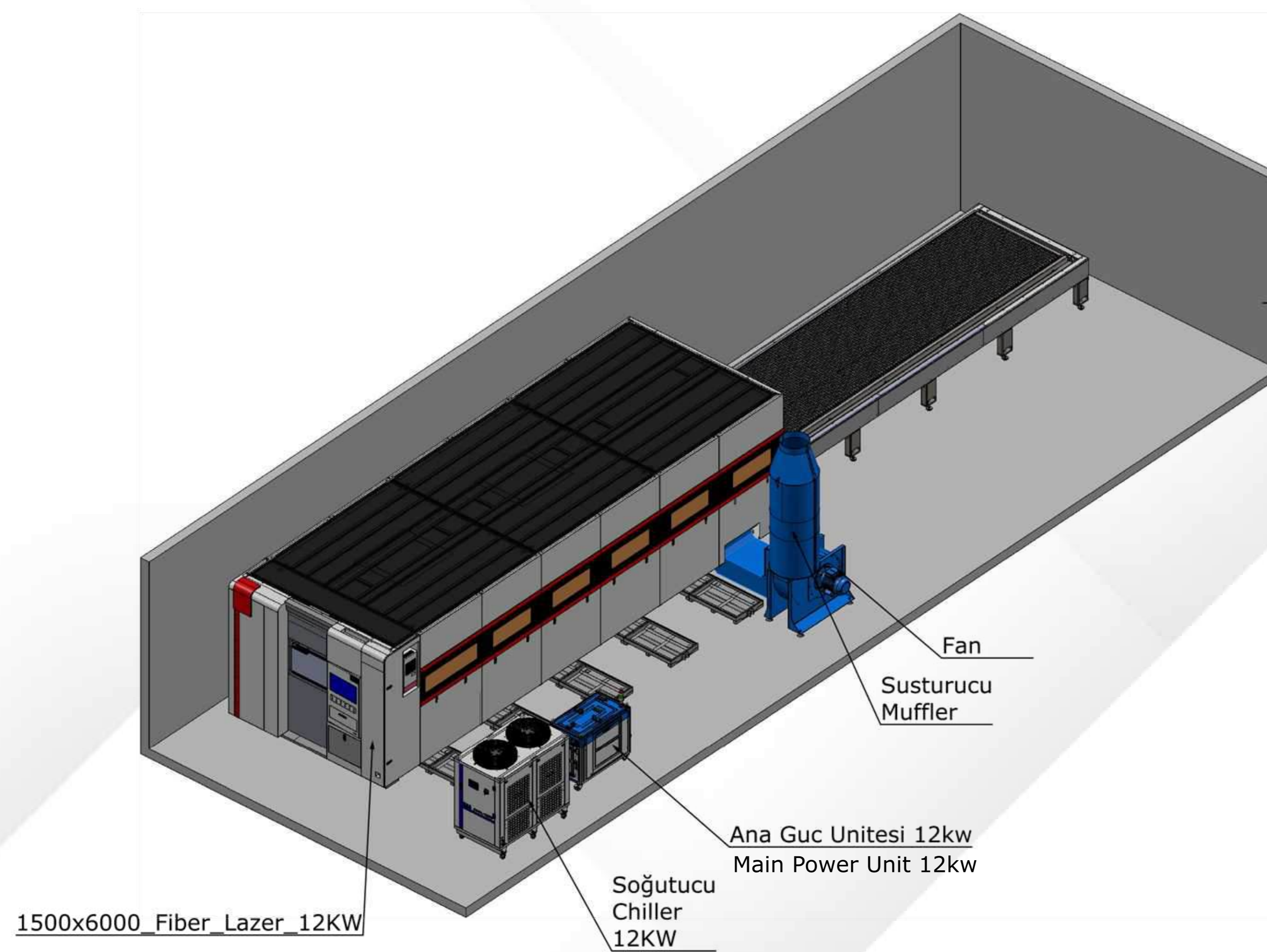
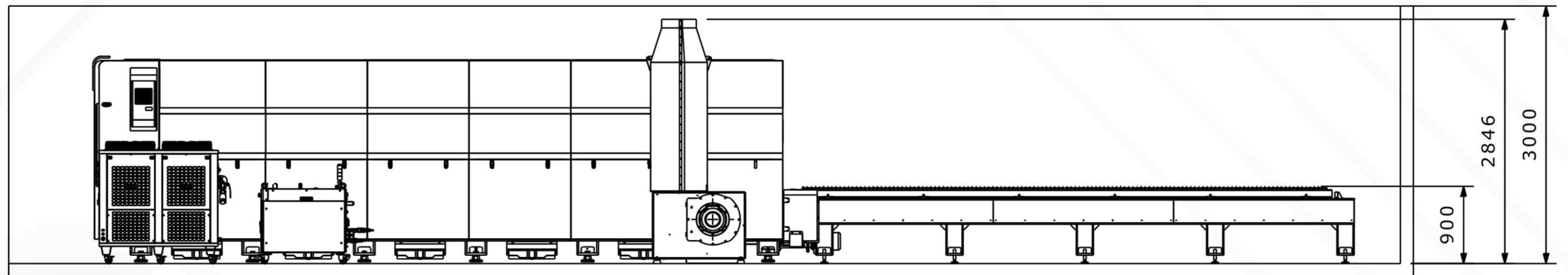
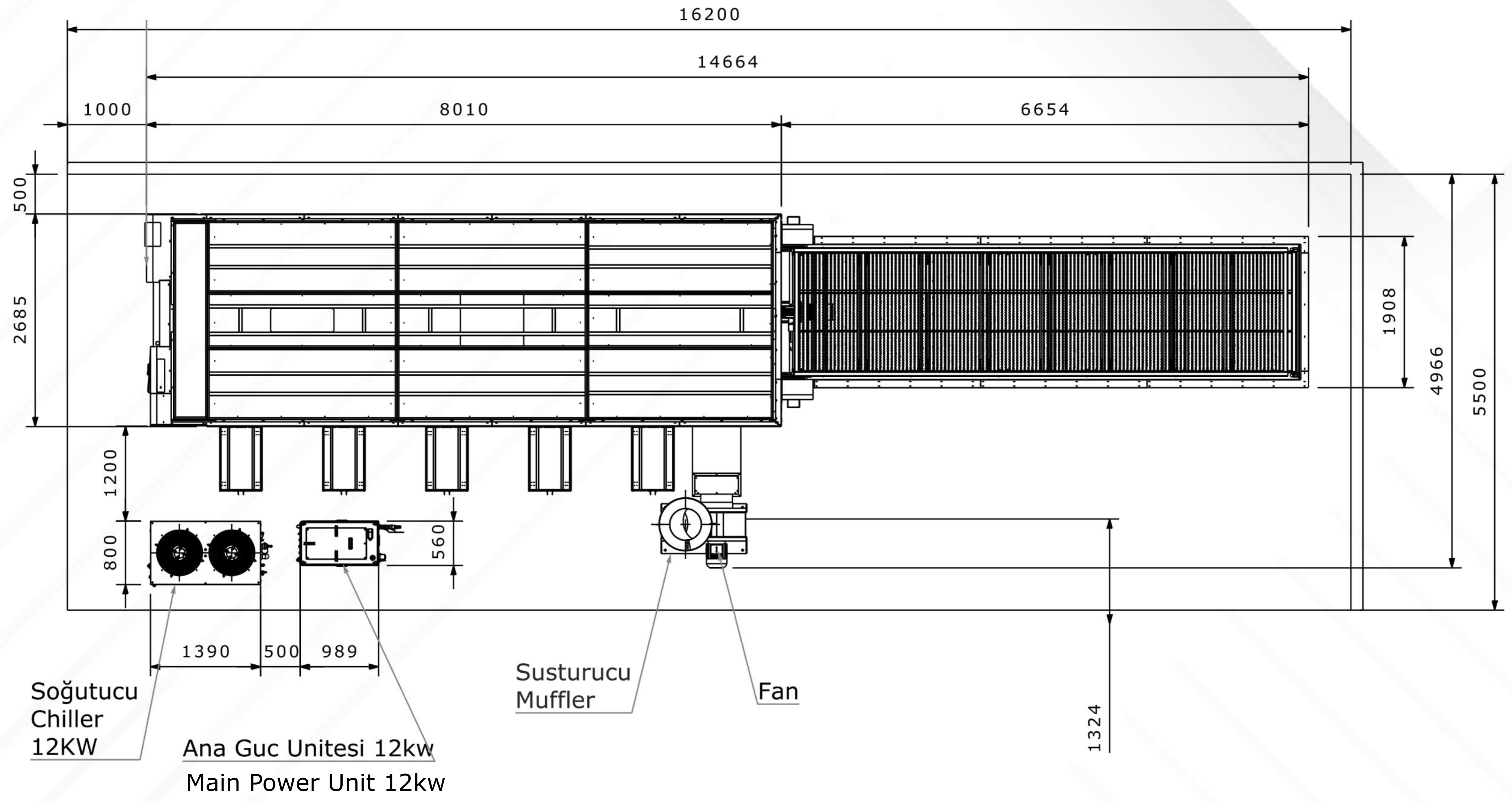
Machine Dimensions

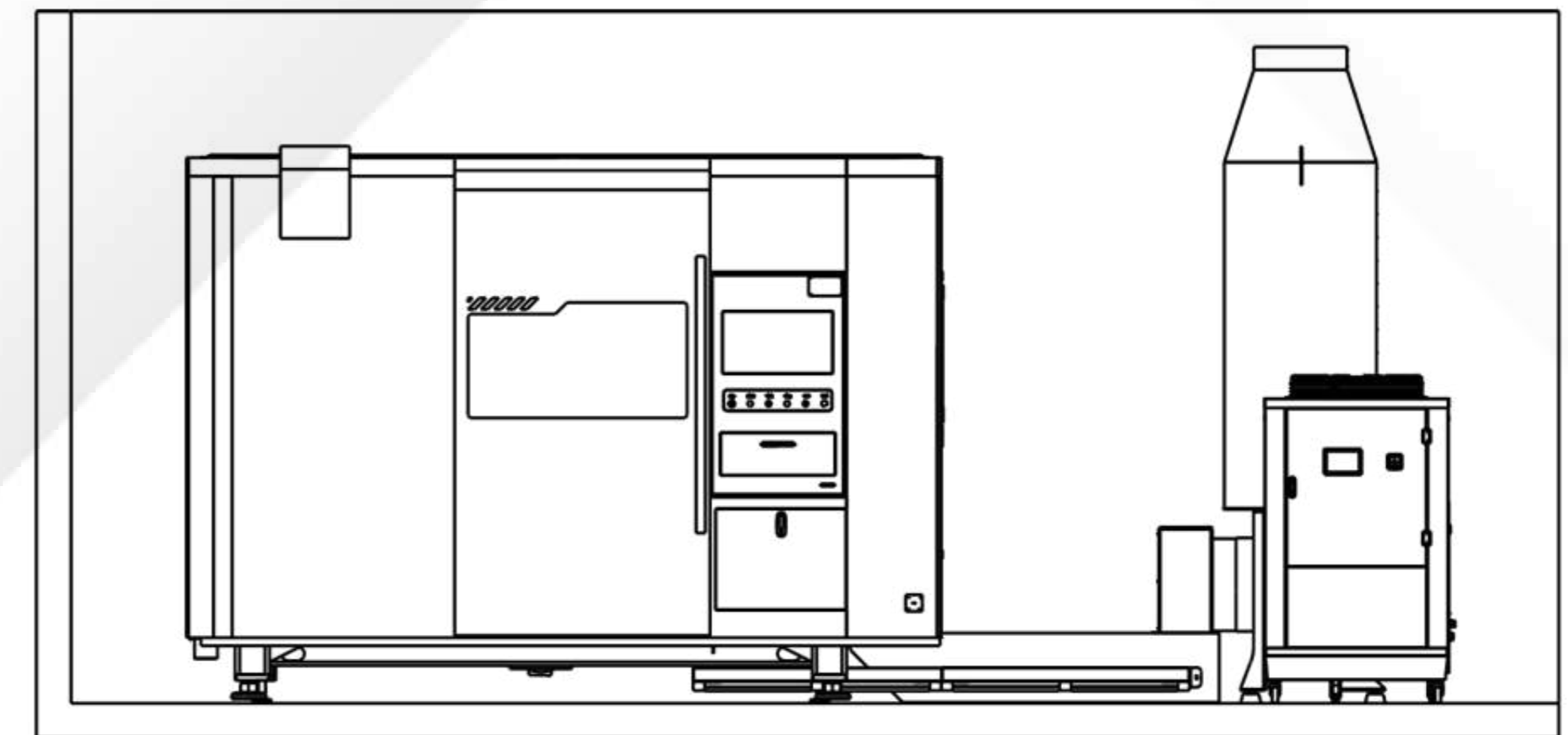
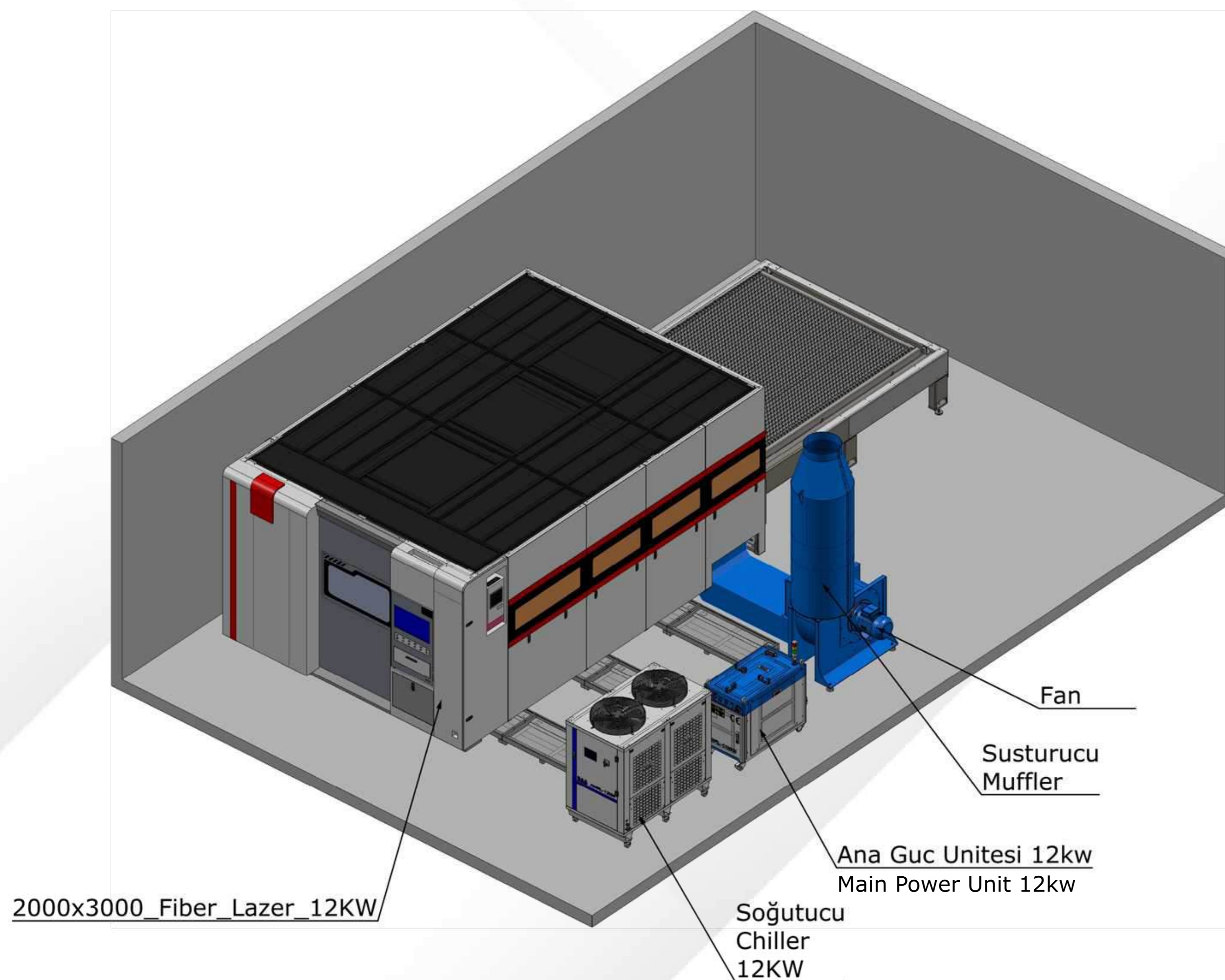
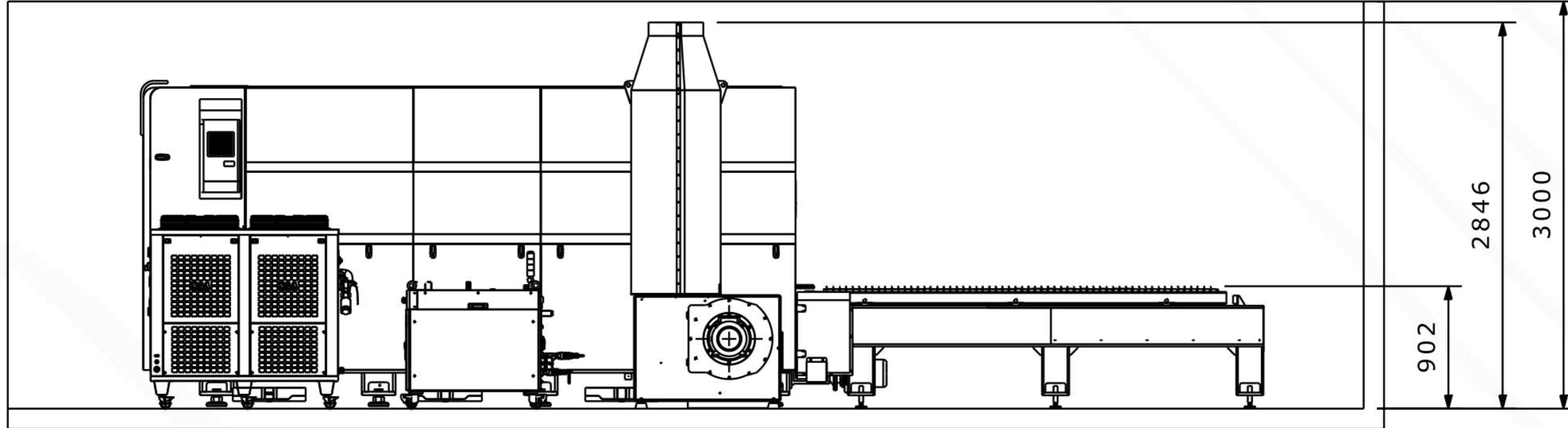
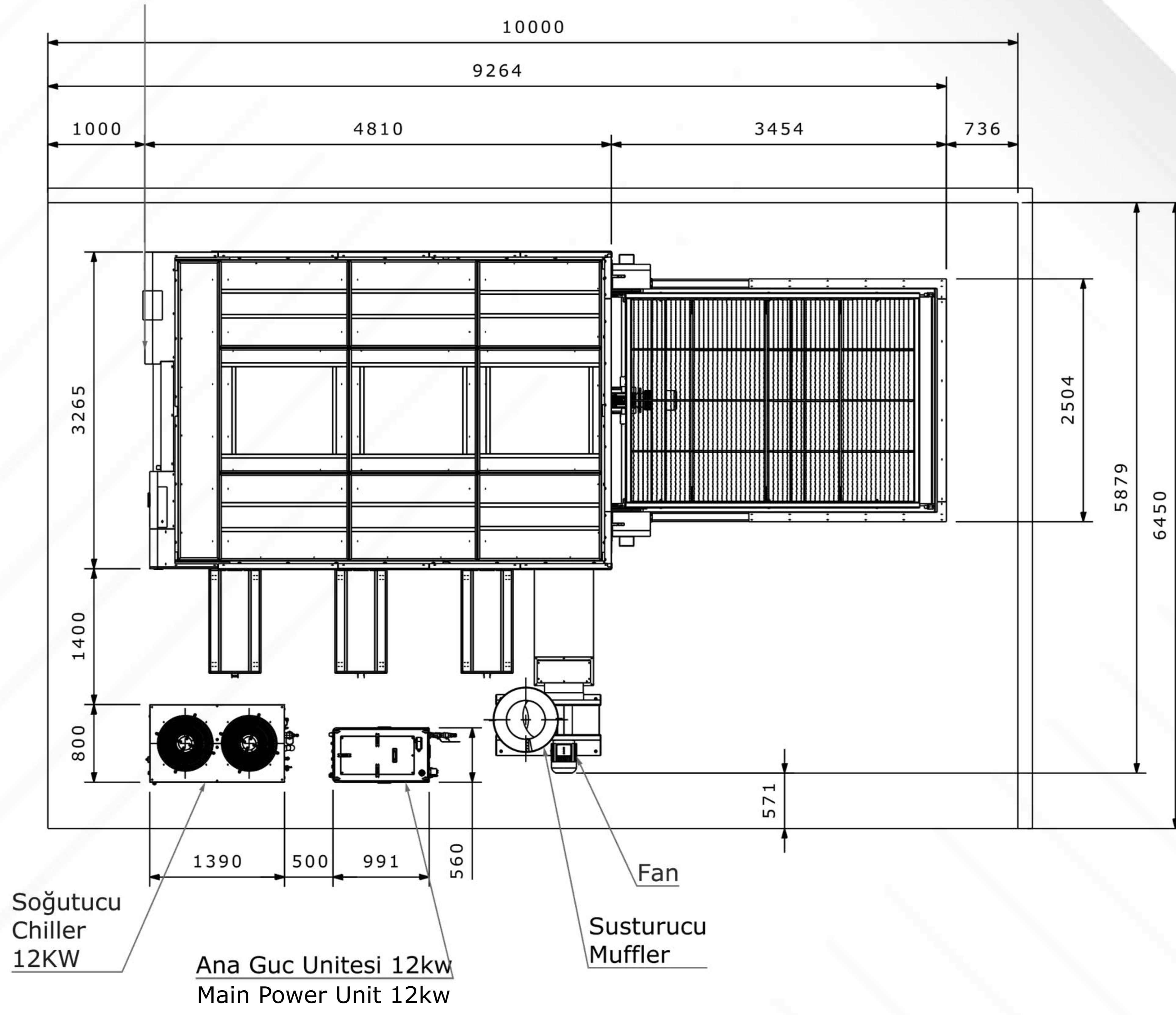
Cutting Width	Cutting Length	Max. Cutting Power	Machine Dimensions
1500 mm	3000 mm	3KW, 6KW	2300 mm x 8300 mm
1500 mm	6000 mm	3KW, 6KW, 12KW	2300 mm x 14700 mm
2000 mm	4000 mm	3KW, 6KW, 12KW, 20KW	3300 mm x 11500 mm
2000 mm	6000 mm	3KW, 6KW, 12KW, 20KW	3300 mm x 14700 mm
2500 mm	6000 mm	3KW, 6KW, 12KW, 20KW	4340 mm x 14860 mm

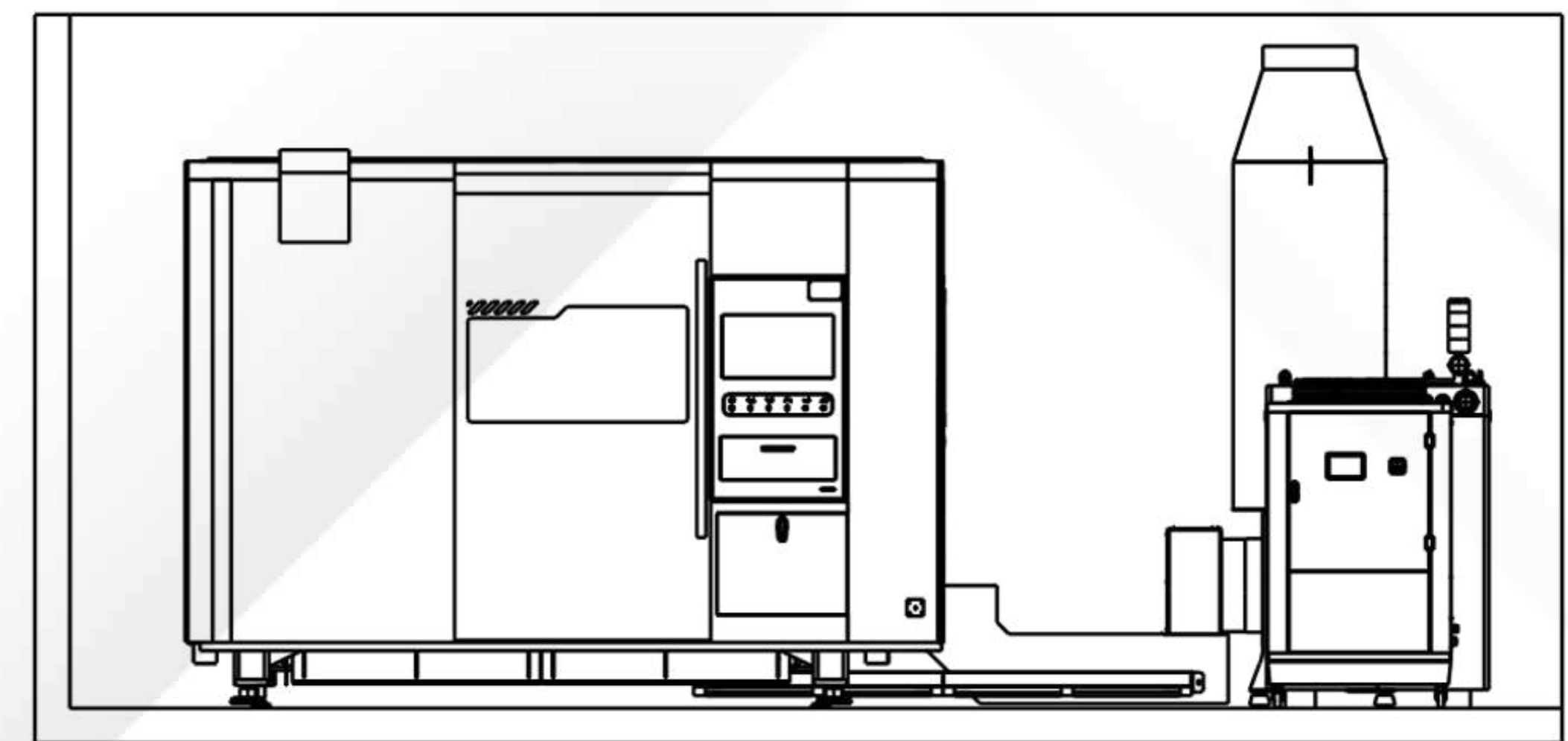
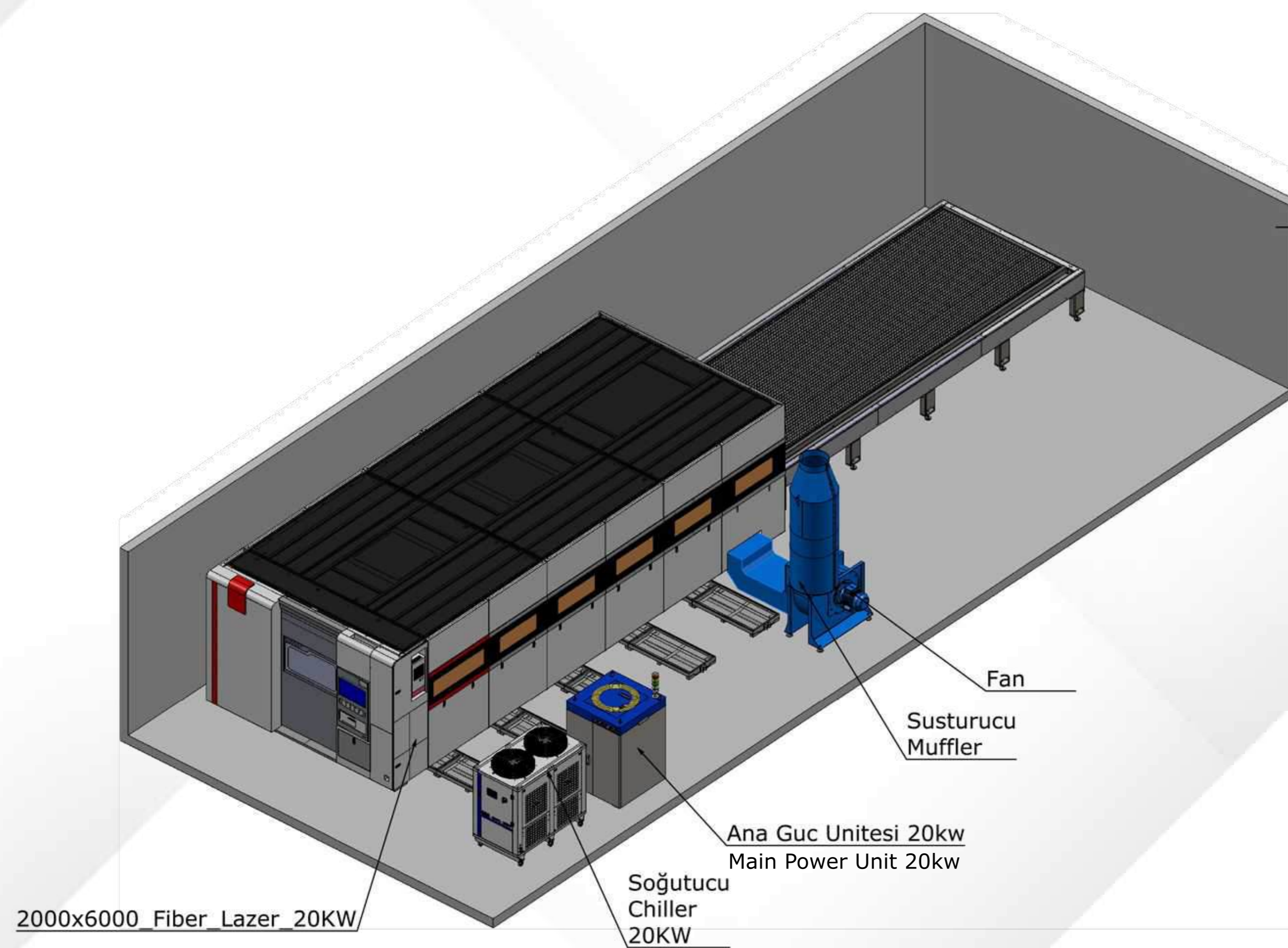
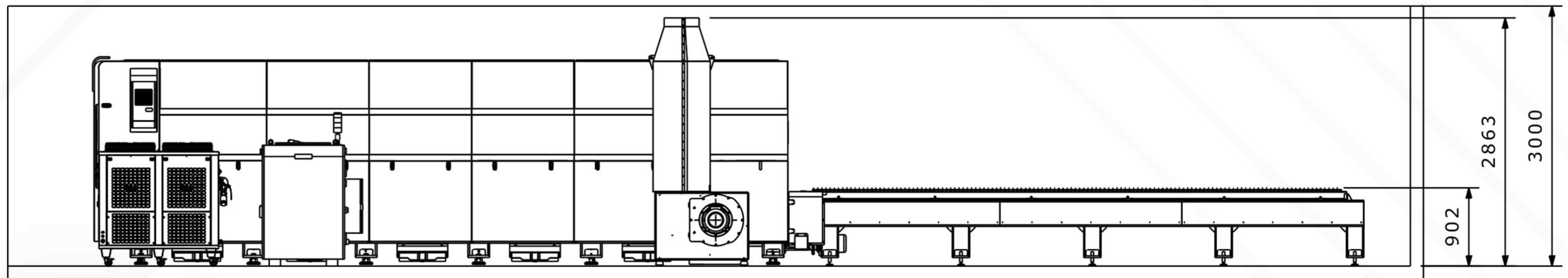
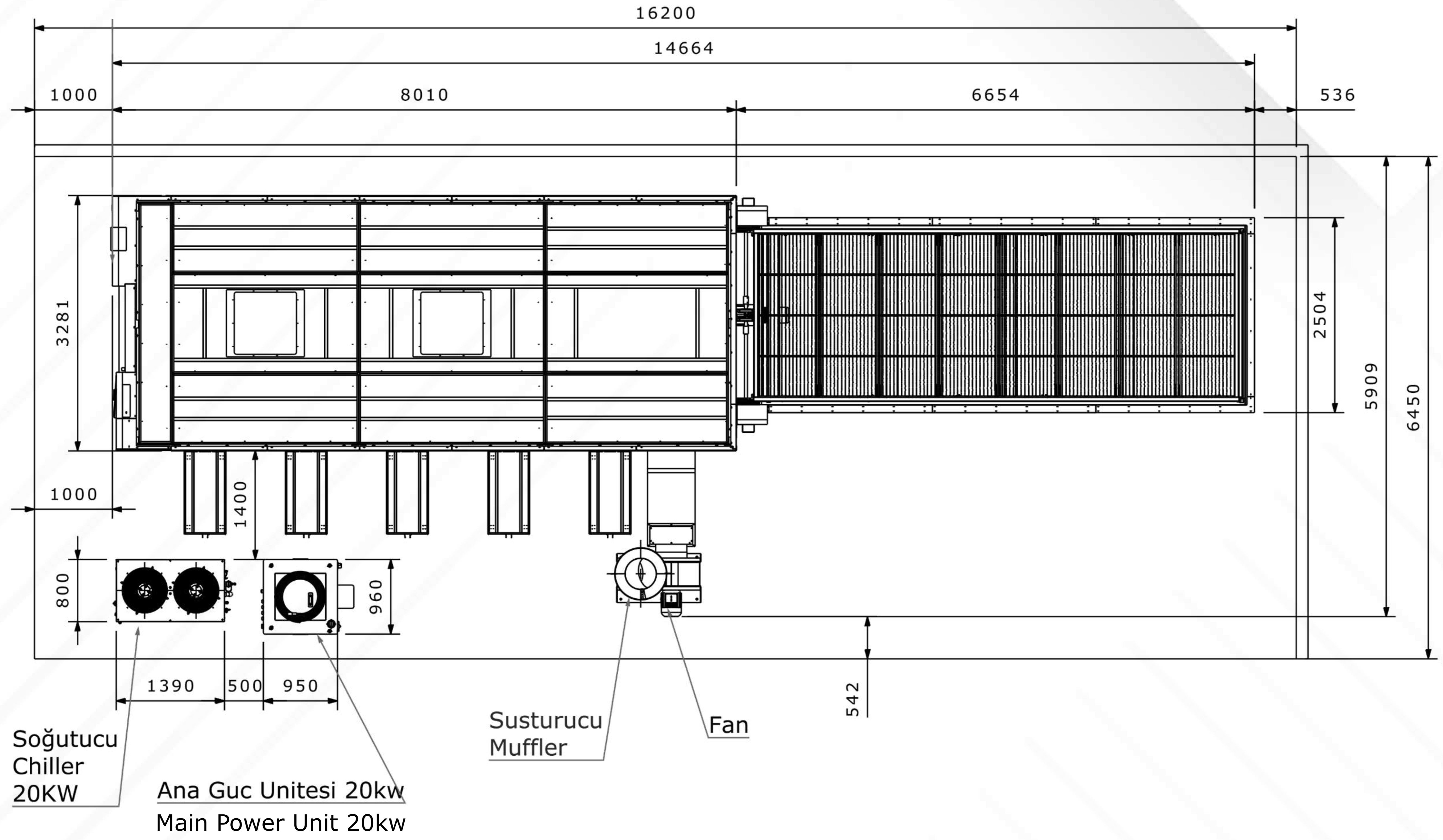


AJAN FIBER LASER LAYOUT PLAN

| 1500x6000 mm Fiber Laser



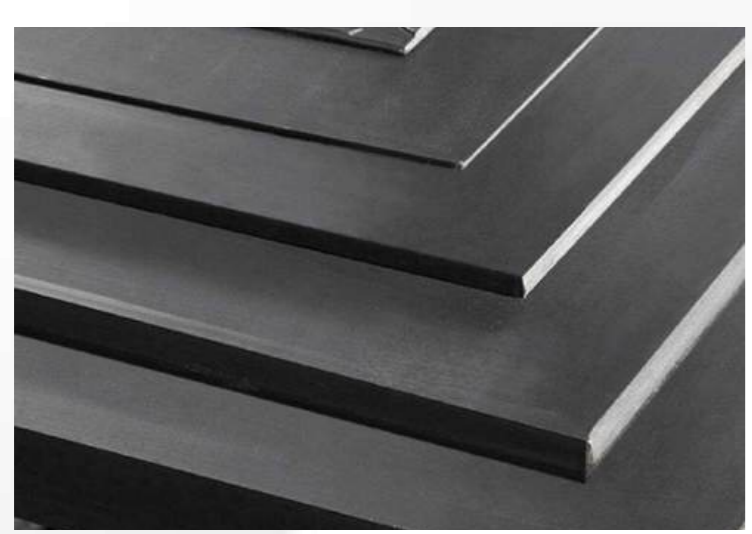
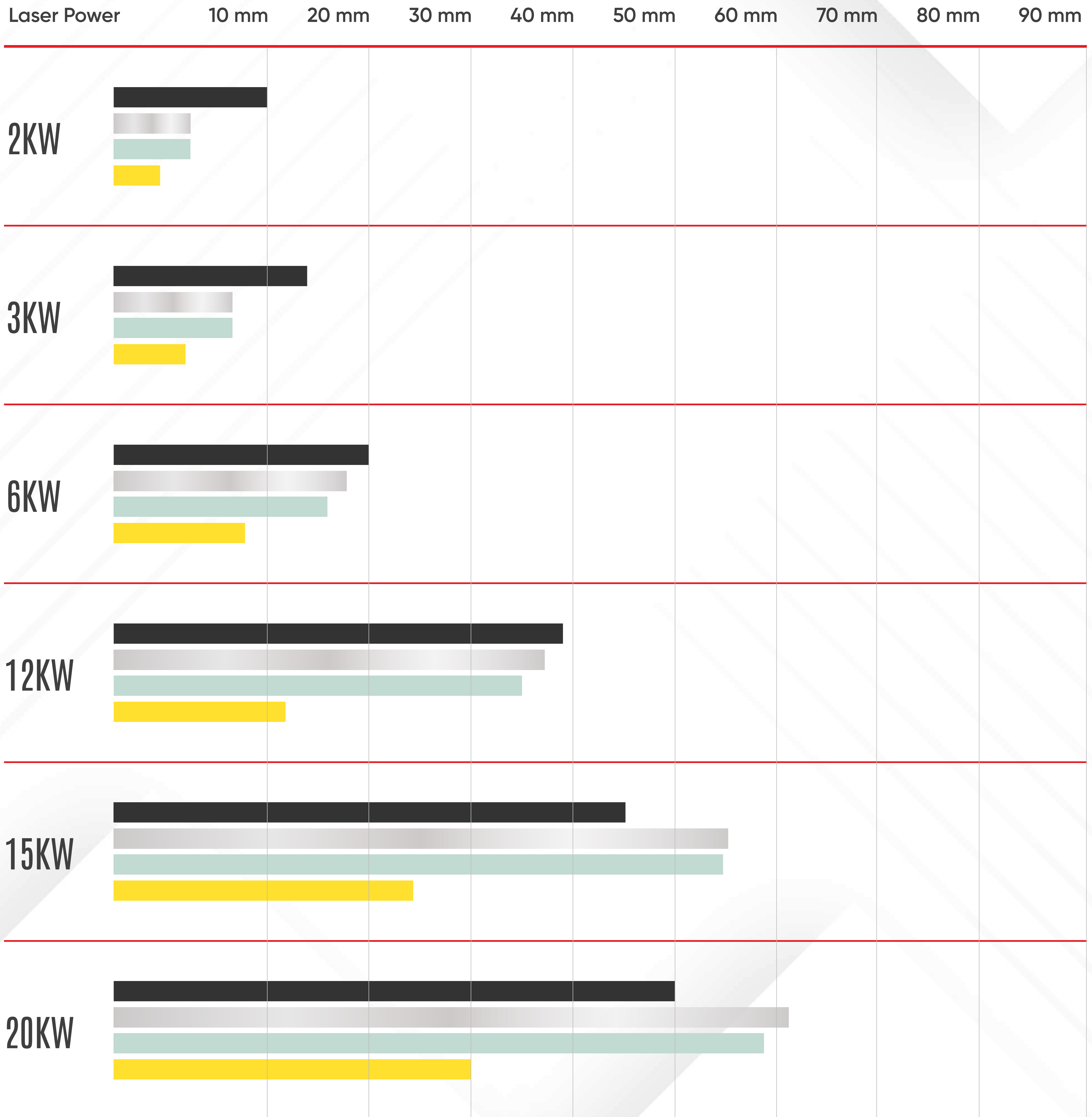




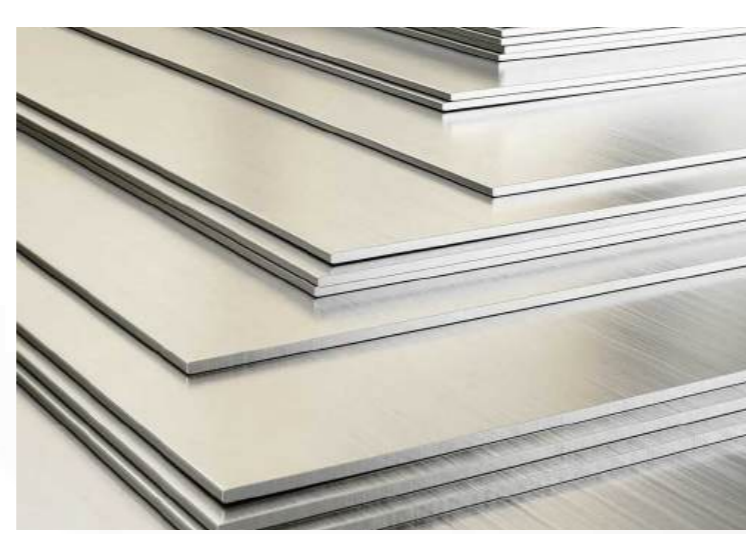
General Specifications		
1	Laser Power	3KW / 6KW / 12KW / 20KW
2	Z-Axis Travel Height	320 mm
3	X/Y Axis Position Accuracy	±0.03 mm
4	X/Y Axis Repeat Accuracy	±0.02 mm
5	X/Y Maximum Speed	88 meter/minute
6	X/Y Maximum Acceleration	1,5 G
7	Laser Source	RAYCUS / RECI
8	Laser Cutting Head	BOCHU Autofocus
9	Body	Ajan Laser
10	X/Y Precision Axis Rail	HIWIN
11	X/Y Precision Axis Rack	Taiwan
12	X/Y/Z Servo Motors and Drivers	Delta
13	Reducer	Techmech
14	Elektrical Componentrs	Schneider, Omron
15	CNC Control System	FSCUT
16	Pneumatic Components	Airtac
17	Air Chiller	TEYU S&A
18	Automatic Lubrication System	China

AJAN FIBER LASER CUTTING MACHINE

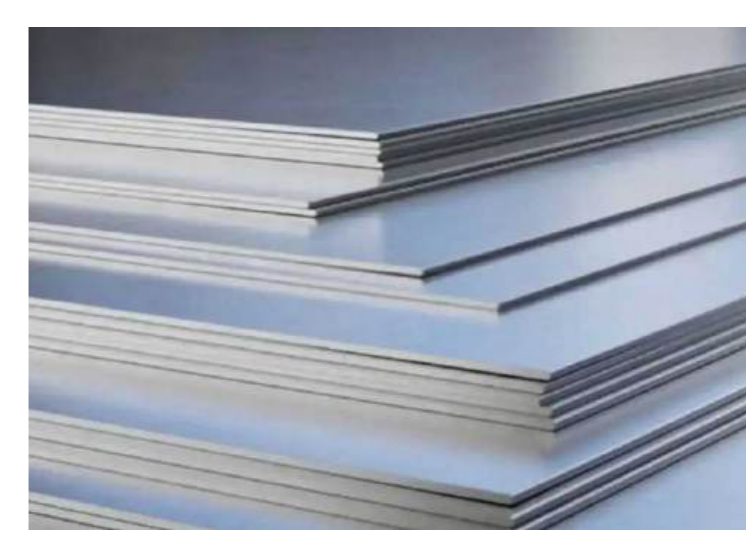
| Cutting Capacities



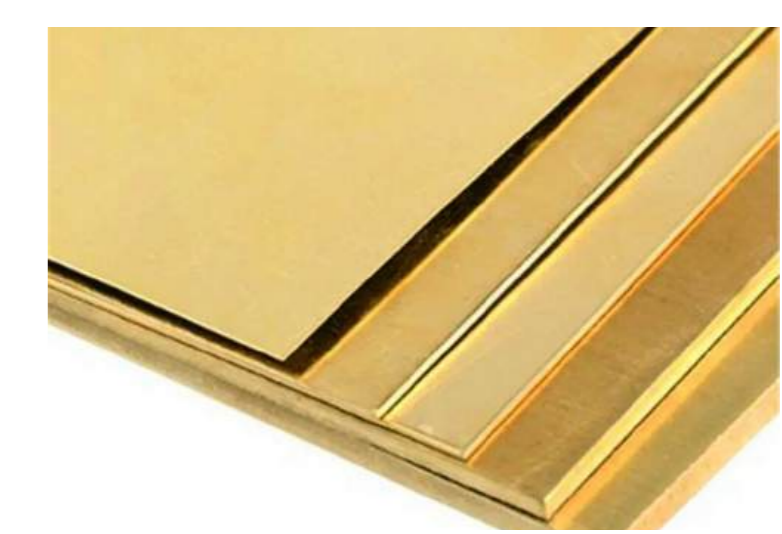
Mild Steel



Stainless Steel



Aluminium



Brass





Cutting Table

- ① 2-Layer High-Resistance Welded Sheet Metal Table
- ① Heat Insulation with Fire Bricks
- ① Baffled ventilation system



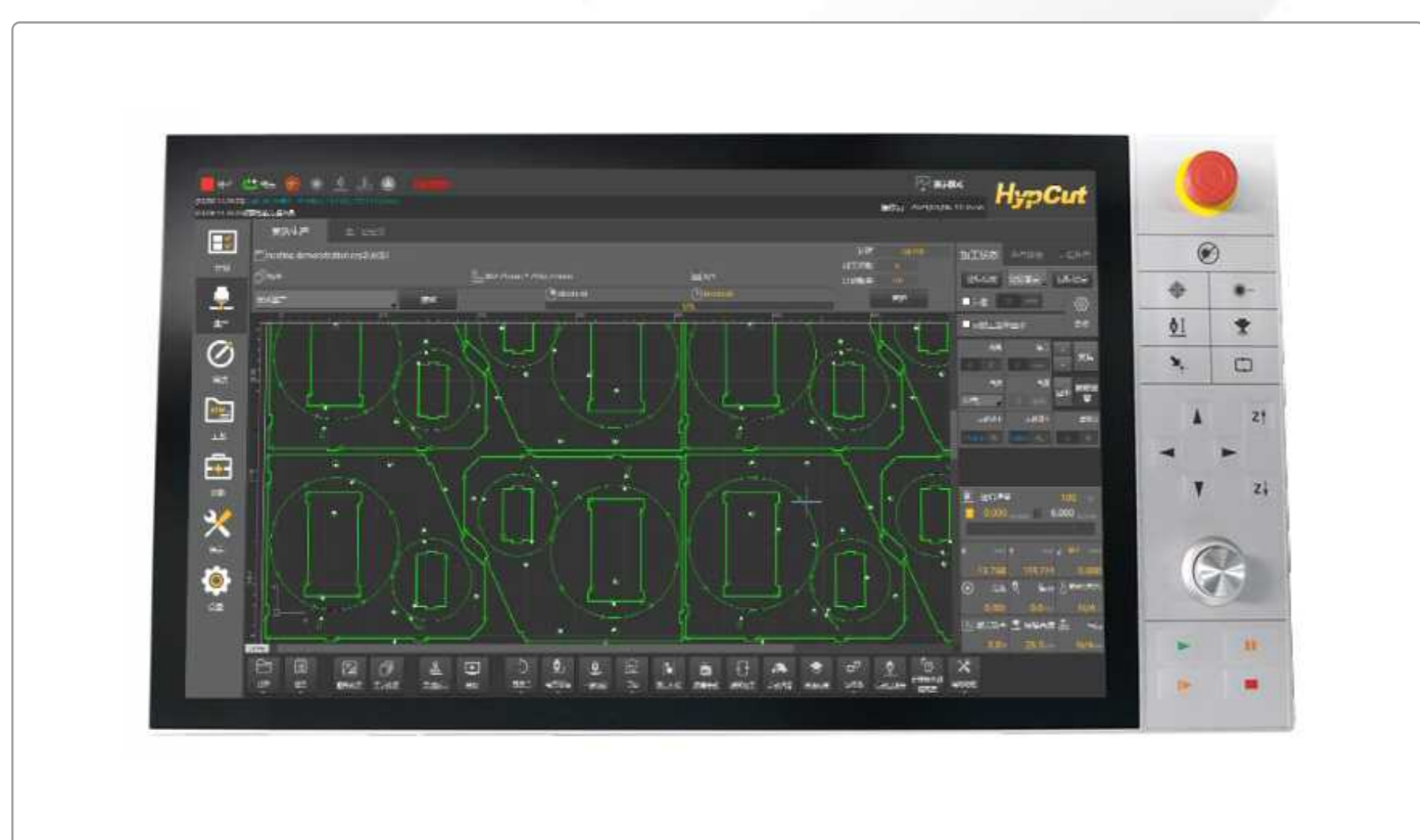
Auto Focus Laser Head

- ① Laser Head Tracking Function
- ① Automatic Cleaning
- ① Long Service Life



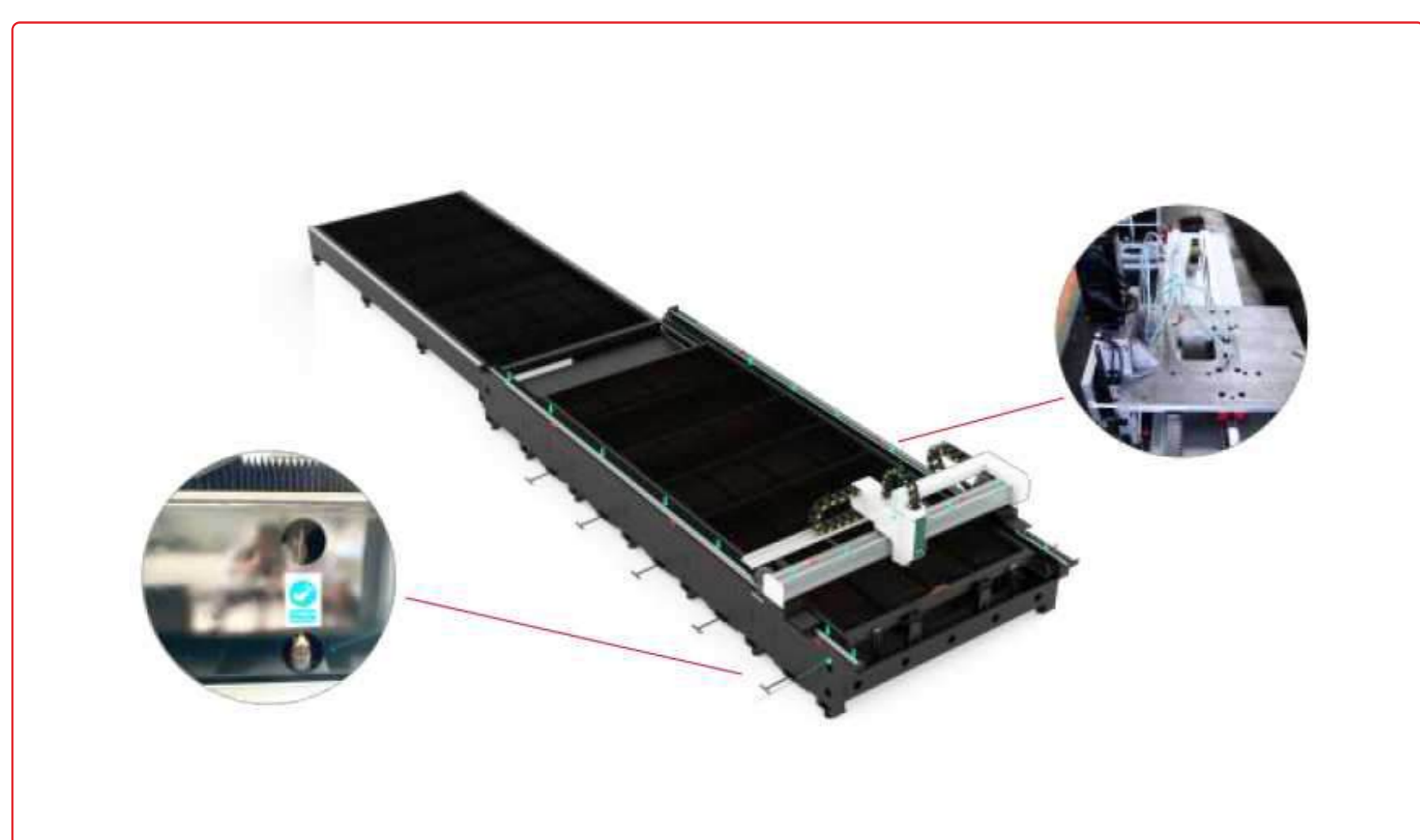
RAYCUS/RECI Laser Source

- ① High-Power Multimode
- ① Wide Modulation Frequency Range
- ① Long Service Life



FSCUT Laser Control System

- ① Remote Control Support
- ① Ease of Use
- ① Edit Function for Various File Extensions



Automatic Lubrication System

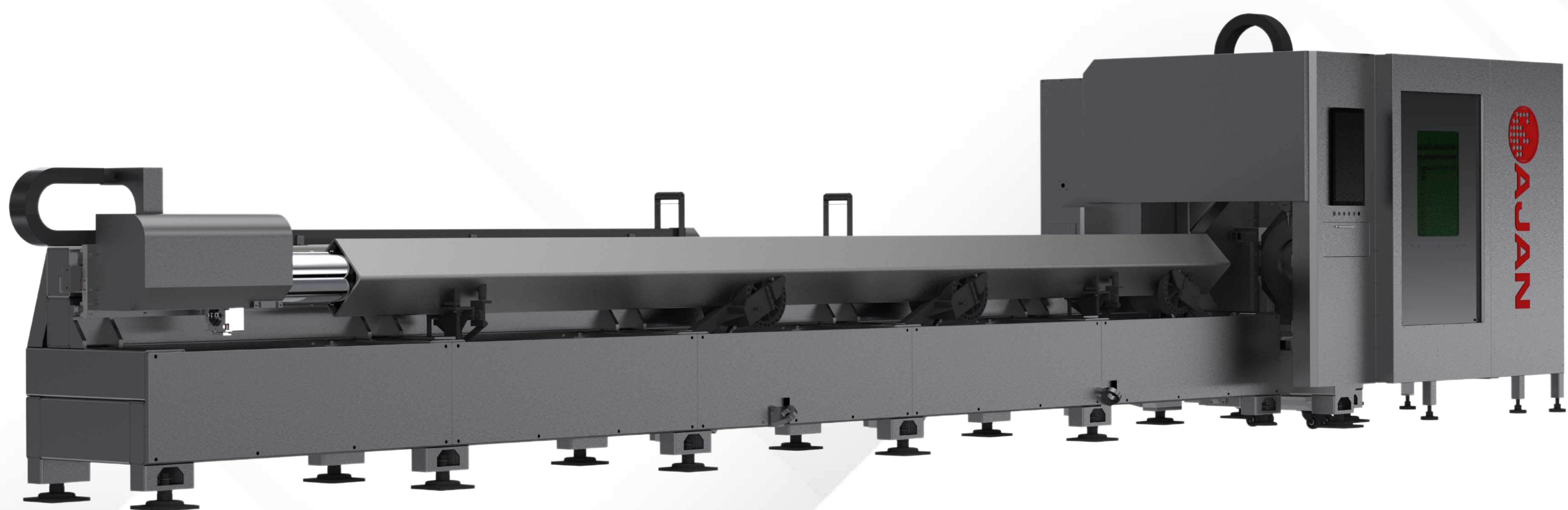
- ① Automatic Lubrication
- ① Multi-Region Lubrication
- ① Used Oil Recycling

AJAN FIBER LASER PIPE & PROFILE CUTTING MACHINE

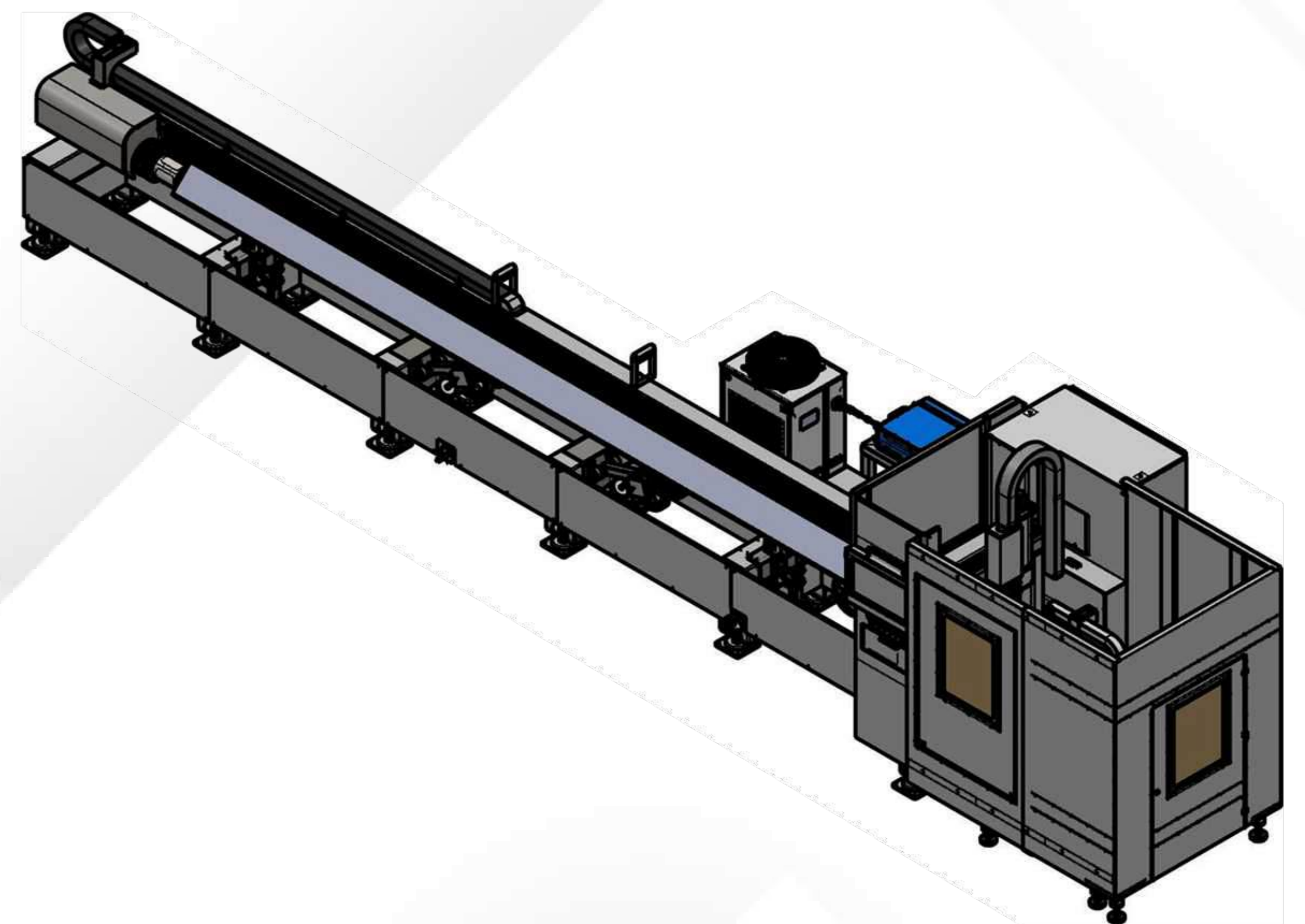
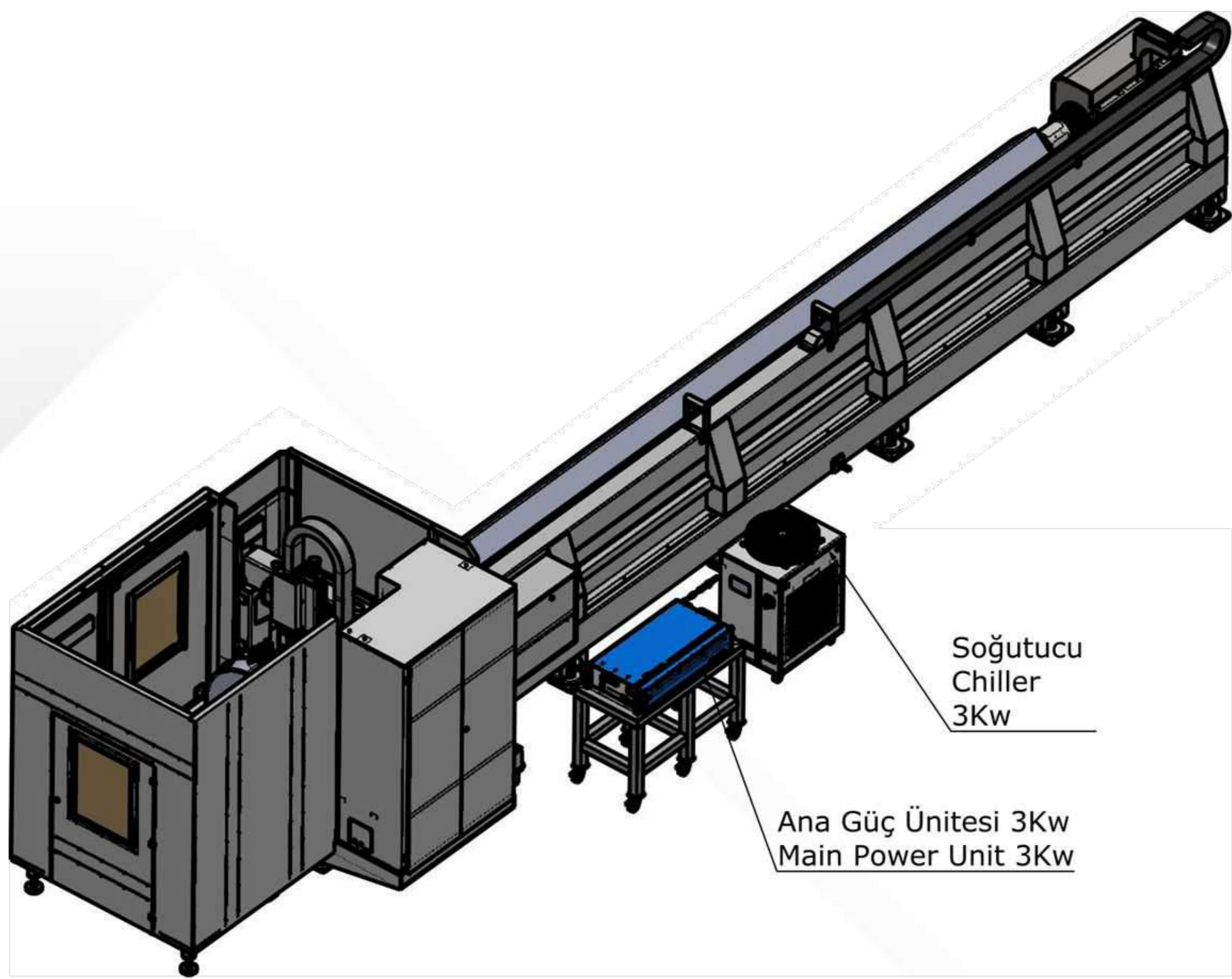
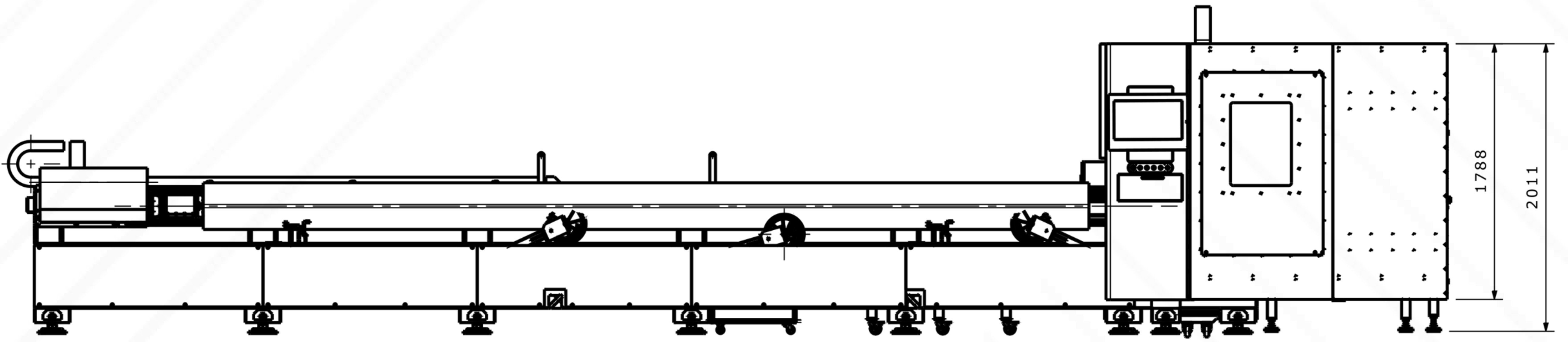
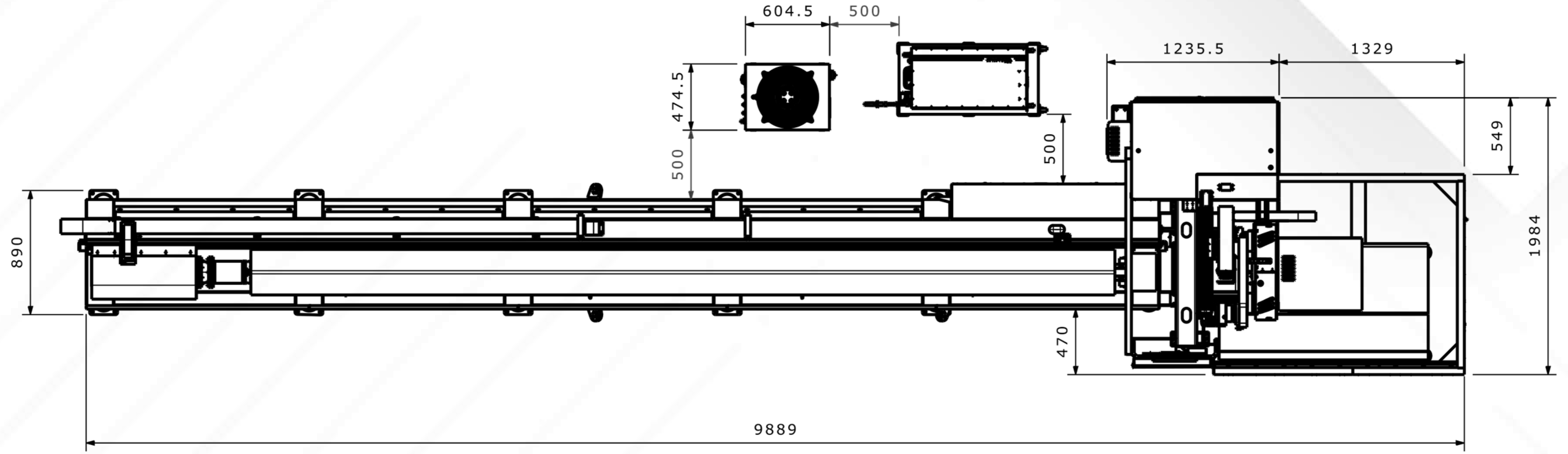
3KW / 6KW LASER CUTTING POWER

Option A: Ø (20-240) mm / □ (20-170) mm

Option B: Ø (20-360) mm / □ (20-254) mm



AJAN FIBER LASER PIPE & PROFILE CUTTING MACHINE LAYOUT PLAN



AJAN FIBER LASER PIPE & PROFILE CUTTING MACHINE

General Specifications		
1	Laser Power	3KW / 6KW
2	Pipe Cutting Length	6000 mm
3	Pipe & Profile Cutting Option A:	Ø (20-240) mm / □ (20-170) mm
	Pipe & Profile Cutting Option B:	Ø (20-360) mm / □ (20-254) mm
4	X-Axis Movement	280 mm
5	Y-Axis Movement	6000 mm
6	Z- Axis Movement	210 mm
7	W1/W2 Axis Movement	Limitless Rotation
8	X/Y Axis Maximum Speed	60 meter/minute
9	W1/W2 Axis Maximum Speed	50 rpm
10	X/Y Axis Positioning Accuracy	±0.02 mm/m
11	X/Y Axis Repeated Positioning Accuracy	±0.02 mm
12	Maximum Speeding up	0.8 G
13	Pipe Cutting Head	BLT
14	CNC Control System Type	FSCUT
15	Phase Number	3
16	Nominal Feeding Voltage	380 V
17	Frequency	50 Hz
18	Protection Level of Main Power Supply	IP54

CUSTOMER SERVICE



Our Call Center, designed to understand customer needs, meet their expectations, and enhance the efficiency of their business processes, positions Ajan Elektronik as a reliable partner not only during marketing stages but also in post-sales technical support and services, thanks to our team of expert Customer Service Representatives.

Call Management Center aims to provide not only service but also high quality customer service with trained customer representatives. In line with its structure that aims to constantly improve itself according to customer needs, Ajan Teknik Call Center, which includes self-service channels such as SMS (text message), E-Mail and a staff of highly qualified, highly motivated service personnel, collects the management of all customer contact points in a single center and is the most effective service in the CNC industry. aims to provide comprehensive after-sales customer service.

To this end; A professional team provides timely solutions to all your questions and problems, such as service requests, product information, technical support, spare parts orders, price offers. You can reach our Technical Service Customer Services at **+90 444 25 26** and get support for your malfunctions, complaints, information or service requests.

Contact us to choose the laser product suitable for your business.



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