

The logo for DERATECH, featuring the word "DERATECH" in a bold, sans-serif font. The letters "D", "E", and "A" are white, while "R", "T", "E", "C", and "H" are yellow. The text is set against a dark grey rectangular background with rounded corners. A yellow circle is positioned behind the "E" and "A", partially overlapping the dark grey background.

DERATECH

瑞铁机床

SUPER L

Large Table Fiber Laser Cutting Machine

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PROFESSIONAL/CONSISTENT/DEDICATED/EXCELLENT



Deratech Machine Tool (Suzhou) Corp., Ltd, a giant in the field of sheet metal forming and processing in China. Located in Taicang, Jiangsu Province, adjacent to Shanghai, the company mainly produces CNC press brakes, bending centers, laser cutting machines, flexible production units and other sheet metal forming processing equipment and equipment sets, and its products are well sold in domestic and abroad. With the continuous development of the company's business, all aspects of the company's strength are stepping up to a new level.

The company has always taken it as its mission to develop more cost-effective, durable and better sheet metal forming and processing equipment, to drive product iteration with technological advancement and drive enterprise development. In recent years, the products of Deratech have become more and more recognized by the industry and favoured by customers. With the successive launch of electric servo CNC press brakes and bending centers, the company will always focus on the perfection of its products to create more value for customers.

To date, Deratech has been granted over 100 patents (including 8 invention patents). It has been awarded as "Jiangsu Province Specialized and Sophisticated SMEs", "Jiangsu Province High and New Technology Enterprise", "Jiangsu Province Provincial Enterprise Technology Centre", "Jiangsu Province High-end sheet metal CNC machine tools strategic emerging industry standardization pilot", "Jiangsu Province intelligent flexible sheet metal equipment engineering research centre" and other titles, and participated in the CNC press brake national standards, industry standards revision and other work.

Driven by the target of "Made in China 2025", Deratech will continue to move forward and work hard. Growing up with customers and staying with them for a long time is Deratech's faithful commitment to customers.



# SUPERL Large Table Fiber Laser Cutting Machine

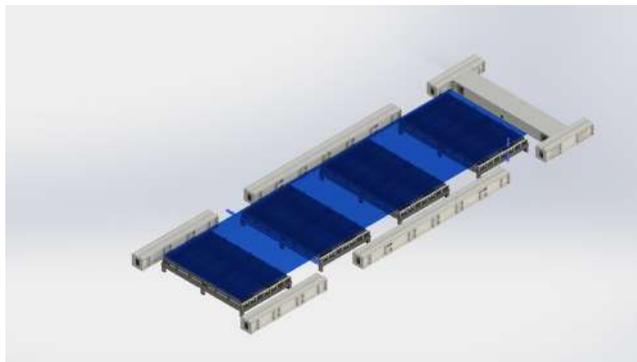


SuperL series large table fiber laser cutting machine, can be customized according to demand, high power processing, easy to handle large format plates, super long, super wide, split splicing gantry frame, high strength welded steel beam, processing accuracy and efficiency, energy saving and environmental protection.

## PRODUCT FEATURES

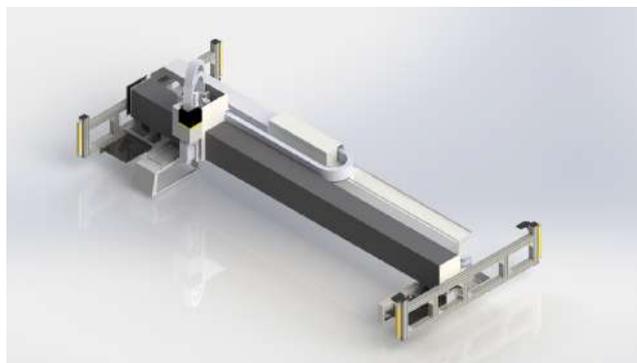
### Split Splicing Floor Gantry Rack

The symmetrical design of segmented box ensures the rigidity of bed machining and high precision of assembly; the segmented design is easy to disassemble and assemble, convenient and efficient.



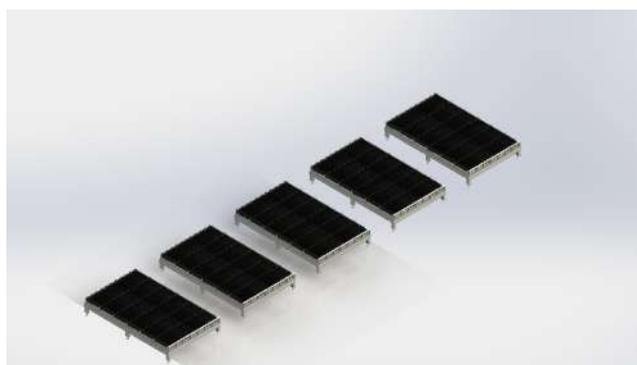
### Extra-long Span Lightweight Welded Steel Beam

Unique welding and heat treatment process. Lightweight and rigid cross-section of the beam to ensure efficient use of the equipment.



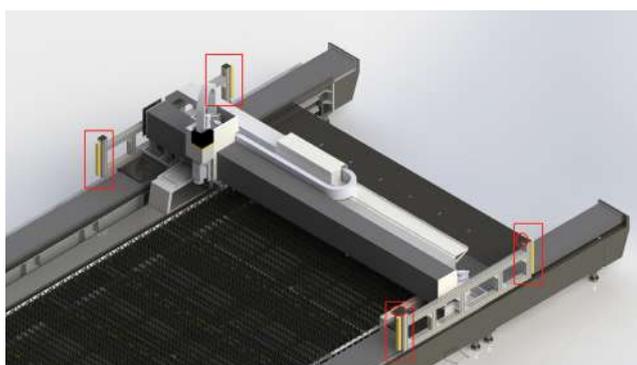
### Modular Assembled Material Table

Modular design, can be replaced as a whole or individually, more convenient replacement of wearing parts. The modular design can be replaced as a whole or individually, so that the wearing parts can be replaced more easily and the user can have higher production efficiency.



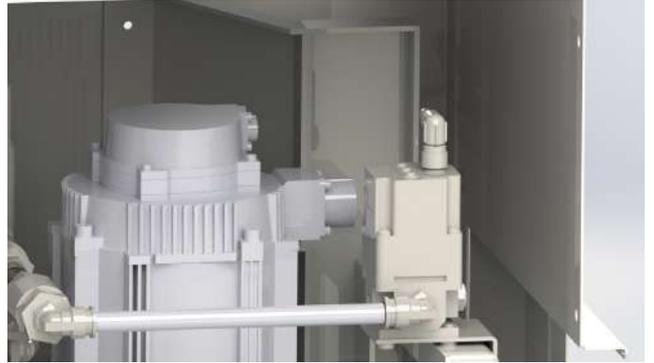
### Safety Light Curtain and Monitoring Device

In addition to proximity switches and hard limit protection, the machine is also equipped with safety light curtains and monitoring devices in the cross beam and Z-axis sections. Once the safety light curtain is obscured, the machine will stop running immediately, effectively protecting the operator's personal safety.



### Dual Proportional Valve Gas Control

Separate control of cutting gas high and low pressure. For high power cutting use to accommodate a wider variety of plates and a wider range of processes. High pressure proportional valve control High pressure nitrogen/air control up to 50kg with adjustable pressure range up to up to 30kg. Low pressure proportional valve controls oxygen pressure, low pressure gas cutting The low pressure proportional valve controls the oxygen pressure, which allows for low pressure gas cutting and more accurate flow control.



## PARAMETERS - SUPERL

Model	SuperL12025	SuperL15025	SuperL20025	SuperL12032	SuperL15032	SuperL20032
Machining area (mm)	12000x2500	15000x2500	20000x2500	12000x3200	15000x3200	20000x3200
X-axis stroke (mm)	2550	2550	2550	3250	3250	3250
Y-axis stroke (mm)	12100	15100	20100	12100	15100	20100
Z-axis stroke (mm)	200	200	200	200	200	200
Positioning precision of X/Y axis (mm/m)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
Repetitive positioning precision of X/Y axis (mm/m)	0.1	0.1	0.1	0.1	0.1	0.1
Maximum speed (m/min)	80	80	80	80	80	80
Maximum acceleration speed (g)	0.5	0.5	0.5	0.5	0.5	0.5
Laser source power (W)	12000-20000	12000-20000	12000-20000	12000-20000	12000-20000	12000-20000
Dimensions (mm)	14550x4900x2000	20000x4900x2000	24550x4900x2000	14550x5550x2000	20000x5550x2000	24550x5550x2000

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