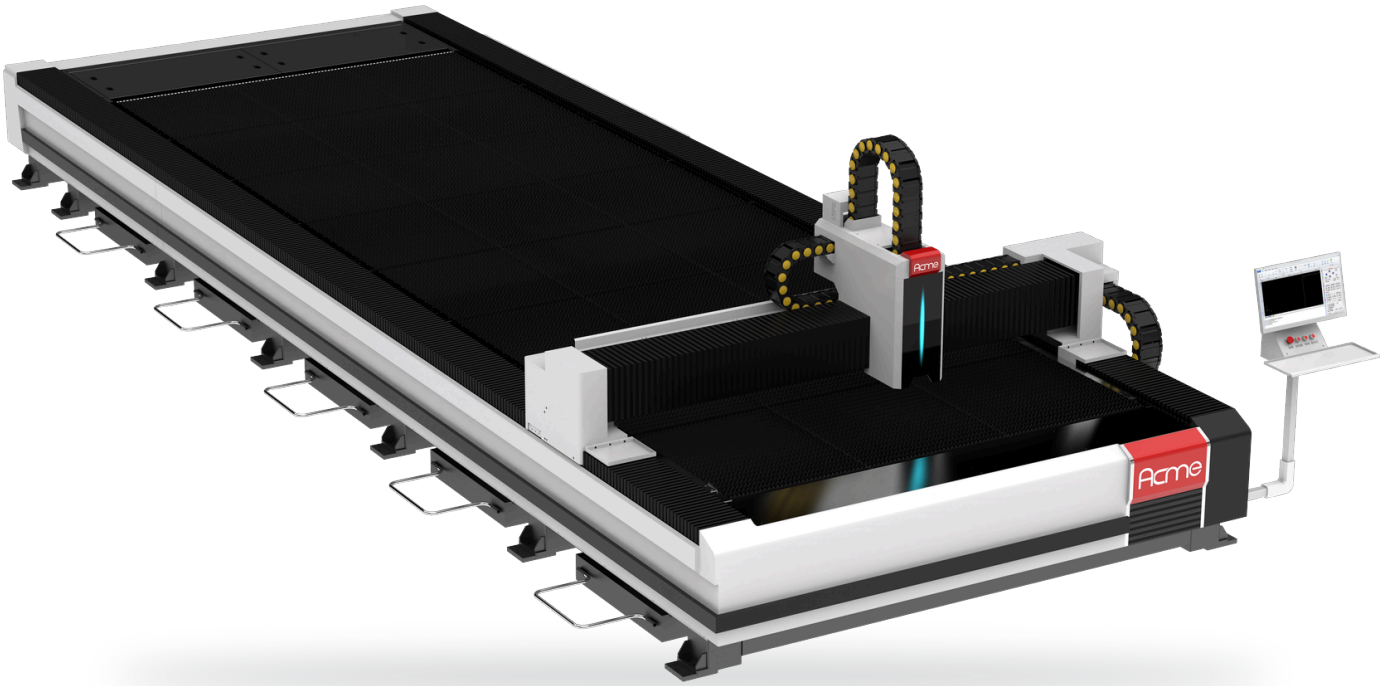
LP Series

Laser plate cutter with a floor-rail gantry



AT A GLANCE

LASER POWER	PLATE THICKNESS	FORMAT	BEVEL
6-60 kW	**up to 100** mm	**12-24 m** 3 models	**A / V / Y / X / K + special**

ABOUT THE MACHINE

The LP Series is a laser plate cutting machine with a floor-rail gantry, for fabricators who process thick, large-format plate. It takes the place of plasma and oxy-fuel cutting machines. It cuts thicknesses up to 100 mm, on formats from 12 m to 24 m, with 6–60 kW of power. The work table is separate from the machine bed, and the machine stands up to harsh conditions.

Technical data

MODEL	12025S	14025S	24030S
Laser power	6–60 kW	6–60 kW	6–60 kW
Cutting area (mm)	12,000 × 2,500	14,000 × 2,500	24,000 × 3,000
Work table load	28,000 kg	32,600 kg	56,000 kg
Positioning speed	80 m/min	80 m/min	80 m/min
Max. acceleration	0.3 G	0.3 G	0.3 G
Floor space required (mm)	L 15,000 × W 9,000 H 2,100	L 19,000 × W 9,000 H 2,100	L 27,000 × W 9,000 H 2,100
Max. plate thickness	up to 100 mm		
Bevel	A / V / Y / X / K + special geometries		
Construction	floor-rail gantry, work table separate from the machine bed, modular bed (12 m + N)		

Specifications from the official ACME LP Series table. 6–60 kW power on all three configurations.

Why the LP Series

01 Plate up to 100 mm

Cuts plate up to 100 mm thick, on lengths from 12 metres upwards, as long as the part requires. The initial investment is high, but the machine has a long service life and pays for itself over time. At these thicknesses, it takes the place of plasma and oxy-fuel cutting.

02 Power from 6 to 60 kW

The laser source is chosen when ordering, between 6 and 60 kW, according to the material and thicknesses you cut. High-power sources have high electro-optical efficiency: less energy is lost as heat, so the electricity bill is lower than you would expect at these power levels.

03 Air cutting

It can cut with compressed air, without oxygen or nitrogen, so there is less to pay per metre cut.

04 A, V, Y, X, K bevels

Cuts the usual A, V, Y, X and K bevels, plus special shapes such as intersection bevels. The weld preparation comes straight off the machine finished.

05 No secondary processing

High cutting speed, a narrow kerf, a smooth surface and no dross: the part comes out finished in a single pass. Sawing, drilling and deburring are no longer needed afterwards, and the fabricator needs fewer machines to buy and maintain.

Interested in the LP Series?

Tell us about your requirements — the material, the maximum thickness, the plate format (12 m, 14 m or 24 m), the bevel type you need (A, V, Y, X, K or special) and your monthly volume. The source power (6–60 kW) and the bed length are agreed with the manufacturer.

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