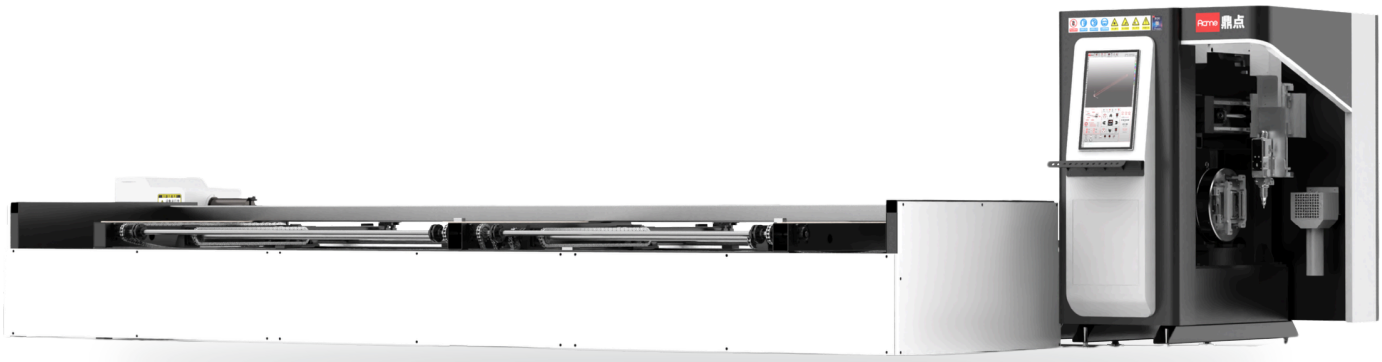
A Series

High-speed laser tube cutting machine



AT A GLANCE

CAPACITY	LENGTH	CHUCK	CONTROL
Ø8–180 mm	**6**	**up to 200**	**EtherCAT**
3 models	m	rpm	

ABOUT THE MACHINE

The A Series is ACME's high-speed machine for small tubes, built for fabricators who cut Ø8–180 mm tube and need short cycle times. It comes in 3 models for round, square, rectangular or oval tube, in 6 m lengths, with a chuck speed of up to 200 rpm, 1–6 kW of laser power and EtherCAT control.

Technical data

MODEL	6012A	6012AB	6018A
Tube diameter (mm)	Ø 8–120	Ø 8–120	Ø 10–180
Min. remnant (mm)	≥ 65	≥ 65	≥ 65
Chuck rotation speed	200 rpm	200 rpm	120 rpm
Cutting length (mm)	6,300	6,300	6,300
Max. unloading length (mm)	6,000	6,000	6,000
Machine dimensions (mm)	L 10,691 × W 2,570 H 1,900	L 10,691 × W 2,570 H 1,900	L 10,691 × W 2,570 H 1,900
Laser power	1–6 kW		
Tube types	round, square, rectangular, oval		

Official ACME specifications — 3 models. The letter "B" in the model code means the machine comes with a semi-automatic loader — the 6012A and 6012AB are the same machine and differ only in how they are loaded.

Why the A Series

01 Cutting capacity

Cuts round, square, rectangular or oval tube in 6 m lengths, at high speed: Ø8–120 mm on the 6012A and 6012AB, Ø10–180 mm on the 6018A.

02 Fast chuck, up to 200 rpm

On square or rectangular tube, the chuck turns the part at every corner, and its speed sets the cycle time: at 200 rpm, the idle time between cuts drops. Every component of the ACME chuck has its own identification number, so there are no mix-ups in maintenance or when ordering spare parts.

03 EtherCAT control

The control system and the servo drives communicate over EtherCAT: the machine responds quickly to commands, and the servo motors can be monitored in real time.

04 Free technical support

ACME updates the system and the nesting software free of charge, provides ongoing online technical guidance, helps with drawing complex parts and supplies video operating guides. You lose fewer hours to downtime.

05 2-year warranty

A 2-year manufacturer's warranty from ACME, as standard.

Interested in the A Series?

Tell us about your application — material, thicknesses, typical diameters, monthly volume. We will reply in writing with the configuration we recommend.

DIRECT LINE
+40 774 501 662
office@acmelaser.ro

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