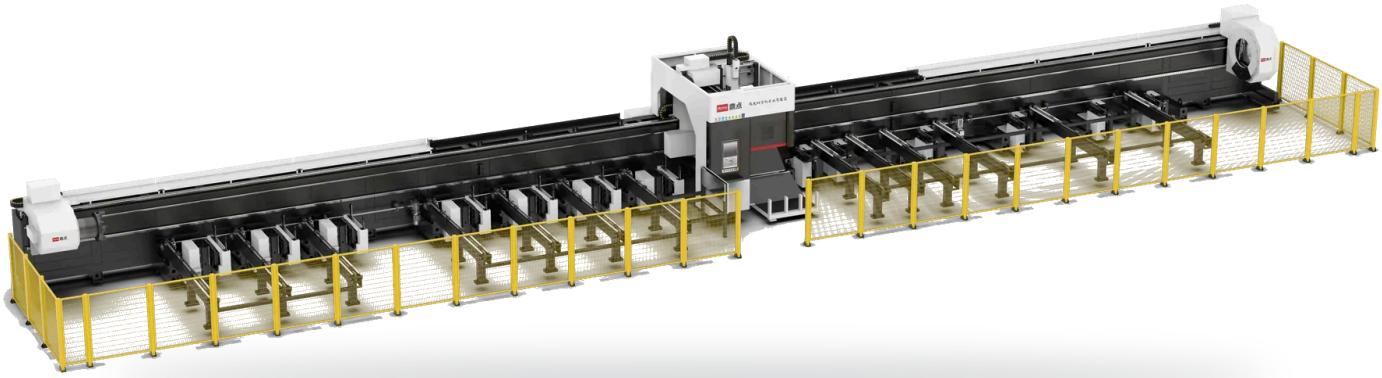
T Series

Laser cutter for large tubes and heavy profiles



AT A GLANCE

DIAMETER	LENGTH	LASER POWER	BEVEL
Ø30–840 mm	**up to 12.5**	**up to 40**	**±45°**
4 models	m	kW	

ABOUT THE MACHINE

The T Series is the top of ACME's laser tube cutting range: a 3-chuck machine for structural steel and shipbuilding fabricators who cut I-beams, H-beams, channels and large tubes. Ø30–840 mm, lengths up to 12.5 m, up to 40 kW of power, parts up to 3 t, ±45° bevel cutting, zero remnant.

Technical data

MODEL	12036TKA	12055TKA	12065TKA	12085TKA
Laser power	1–40 kW	6–40 kW	6–40 kW	6–40 kW
Tube diameter (mm)	Ø30–350	Ø30–540	Ø120–640	Ø200–840
Max. tube length (mm)	≤ 12,500	≤ 12,500	≤ 12,500	≤ 12,500
Min. remnant (mm)	≥ 0	≥ 0	≥ 0	≥ 0
Max. workpiece weight	1,400 kg	2,100 kg	2,600 kg	3,000 kg
Machine dimensions (mm)	L 29,100 × W 4,000 H 3,400	L 30,500 × W 4,050 H 3,750	L 30,500 × W 5,000 H 3,400	L 31,500 × W 5,500 H 4,000
Bevel angle	±45°			
Tube / profile types	round, square, rectangular, I-beams, H-beams, angles, channels, special shapes			

Official ACME specifications — 4 models.

Why the T Series

01 Capacity Ø30–840 mm

4 models for round, square and rectangular tube, I-beams and H-beams, angles, channels and special shapes, in lengths up to 12.5 m.

02 ±45° bevel cutting

The tube or profile comes out ready for welding, with the weld prep cut in the same pass and no separate bevelling station after cutting. ACME's bevel head received the 2023 Ringier Technology Innovation Award.

03 Zero remnant

The 3 chucks work in sync: the tube is cut along its full length, including the last part, with holes at both ends and intersection cuts.

04 Static cutting: only the head moves

ACME developed this technology for heavy profiles: the part stays still, parts come out to size and the cycle time is shorter.

05 Semi-automatic loading, automatic unloading

The integrated loader loads material in 10 seconds, special profiles included, and cut parts are unloaded automatically: the operator does not lift heavy profiles by hand. This is also how the LT-12055TKA in our own production facility works.

Interested in the T Series?

Tell us about your application — material, wall thickness, typical profiles (I/H/U), monthly volume. We will reply in writing with the configuration we recommend.

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