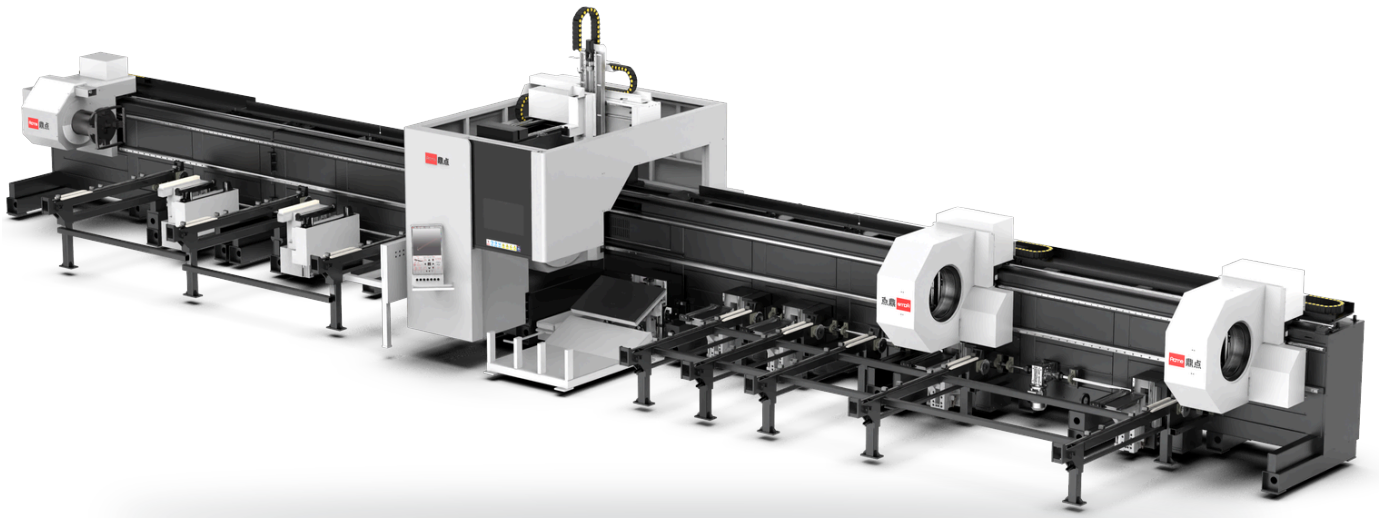
TN Series

4-chuck laser tube cutting machine for heavy profiles



AT A GLANCE

CHUCKS	BEVEL	CAPACITY	LASER POWER
4, clamping together	±45°	Ø30–840 mm 3 models	6–30 kW

ABOUT THE MACHINE

The TN Series is the 4-chuck laser machine for fabricators who cut heavy tubes and profiles: the part is supported along its full length and does not sag. Ø30–840 mm, lengths of 12–15 m, parts up to 3 t, zero remnant; 3 models, 6–30 kW. ±45° bevel cutting at both ends, and static cutting.

Technical data

MODEL	12055TNKA	12065TNKA	12085TNKA
Laser power	6–30 kW		
Tube diameter (mm)	Ø 30–540	Ø 120–640	Ø 200–840
Max. tube length (mm)	≤ 12,500	≤ 12,500	≤ 12,500
Max. unloading length (mm)	12,000	12,000	12,000
Min. remnant (mm)	0	0	0
Max. workpiece weight	2,100 kg	2,500 kg	3,000 kg
Machine dimensions (mm)	L 30,500 × W 5,500 H 3,500	L 30,500 × W 5,500 H 3,500	L 30,500 × W 5,500 H 3,500
Bed length	12 m standard; 9 and 15 m available as options		
Bevel	±45° at both ends		
Tube / profile types	round, square, rectangular, H-beams, channels and special profiles		

Official ACME specifications — 3 models.

Why the TN Series

01 Cutting capacity

Cuts round, square and rectangular tube, H-beams, channels and special profiles. Diameters of Ø30–840 mm, lengths of 12–15 m, parts up to 3 t.

02 The 4 chucks

They clamp the part at the same time and support it along its full length: they carry heavy weights and keep heavy, long profiles stable during cutting.

03 Zero remnant

The tube is cut right to the end, including the last part: the remnant is 0 mm, no material is scrapped and production costs go down.

04 Processing flexibility

Hole cutting, bevel cutting and cutting of bent tubes are done on the same machine, however complex the part. Laser power 6–30 kW.

05 ACME's own technology

Full-stroke chucks and static cutting increase cutting accuracy and productivity. The range has 3 models: 12055TNKA, 12065TNKA and 12085TNKA.

Interested in the TN Series?

Send us your requirements — profile types (round/square tube, H-beams, channels), diameters, material length, part weights and monthly volume — and we will reply with the right configuration: 12055TNKA, 12065TNKA or 12085TNKA.

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