

TECHNICAL SPECIFICATION

T-Series! machine

MODELS & WORKING AREAS

Machine height (Y axis)	122 cm (48 in)		
Working width = cutting wire length (Z axis)	60 cm (23,6 in) T610	130 cm (51,2 in) T1300	150 cm (59 in) T1500
	250 cm (98,4 in) T2500		300 cm (118,11 in) T3000
Machine working length (X axis)	130 cm (51,2 in) SMALL	240 cm (94,5 in) MEDIUM	305 cm (120 in) LARGE

CUTTING WIRE

Wire type	NiCr (Nichrome) or TitaniumAlloy wire *
Wire Thickness	0,15 — 0,60 mm (depending on machine width)
Wire Tensioning Type	Original springs, Electronic or Pneumatic tensioning *
Wire heating	Heating instant control with remote controller * or software

GENERAL INFORMATION

Machine construction	Custom-made anodized aluminum extrusion profiles
Power requirements	220-230 volt/50 Hz (110 volt/50-60 Hz) from 500W up to 1kW
Operating environment	Temperature: 5 — 40°C or 32°F — 104°F / Humidity: 95%
X & Y Drives	Stepper motors, 10T2.5 cog belt driven on ball bearing transport wheels
Trolley movement speed	0 to 5000 mm/min (Operating through the Remote controller * or software)
Foam cutting speed	Depends on the foam type, density and complexity of cutting shape Recommended cutting speed is 230 to 800mm/min
Cutting accuracy	0,7 — 1,1 mm (0,028 — 0,043 in)
Software resolution	0,001 mm
PC requirements	Windows XP, Vista, 7, 8 or 10 (USB connection)
Software	Control software included. Support for: plt, dxf, EPS/AI, RAW 3D
Warranty	Complete 5-year warranty on EXW (ex-works) basis

* OPTIONAL ACCESSORIES

Available accessories for all T-Series models	TurnTable unit	Lathe unit	ShapeWire Bar
	DoubleWire Bar	TitaniumWire Alloy	Remote Controller
	Pneumatic Wire Tensioning		Independent Axis Control

MACHINES KIT INCLUDE

Basic package includes	Hot wire cutting machine	ARM-based electronic controller
	Control software	A 100-gram spool of cutting wire
	Assembly and operational manuals	Year-round tech support
Basic package excludes	Windows PC necessary to control the machine	
	Graphics software	Installation & training on site (if required)

