

TECHNICAL SPECIFICATION

P60-Series! machine

MODELS & WORKING AREAS

Machine height (Y axis)	122 cm (48 in)		
Working width (Z axis)	60 cm (23,7 in) P60! (wire length 60 cm)		
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 mm
Wire Tensioning Type	Individual spring tensioners
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) up to 500W
Operating environment	Temperature: 5 — 40°C or 32°F — 104°F / Humidity: 95%
X & Y Drives	Stepper motors, 10T2.5 cog belts driven on ball bearing transport wheels
Trolley movement speed	0 to 2800 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 — 0,048 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 P60-Series! Models	TurnTable/Lathe unit (one and the same tool)		
	Remote Controller	ShapeWire Bar	TitaniumAlloy Wire

MACHINES KIT INCLUDE

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

