

ROBOFIL 6050TW

Delivering the Difference

TECHNICAL SPECIFICATIONS

Machine

X, Y, Z axes

Work area

Drahterodieren circuit

Dielectric system

Power supply

Numerical control

Options

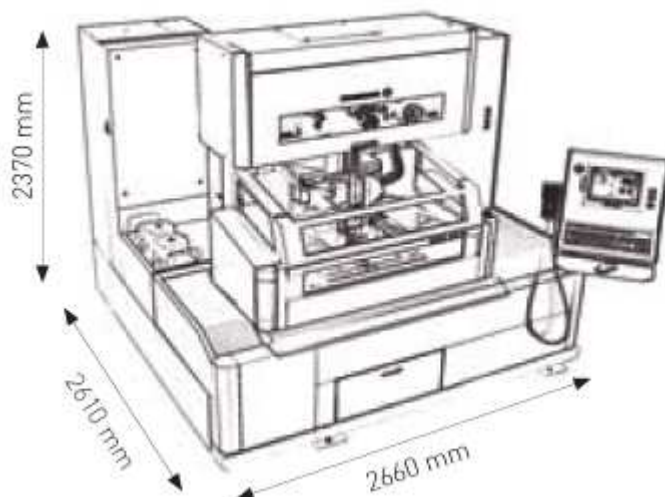
Equipment layout



Machine		
Dimensions (Width x depth x height)	mm	2660 x 2610 x 2370
Total weight (without dielectric)	kg	5200
X, Y, Z axes		
X, Y, Z travel	mm	630 x 400 x 160
U, V travel	mm	± 48
Taper angle/height	degree /mm	± 30°/66
Movement measurement system		linear glass scale
Measurement resolution	mm	
Collision protection	axes	U, V, Z
Speed of axis movement	mm/min	1-900
Work area		
Tank dimensions (Width x depth x height)	mm	1260 x 690 x 360
Max. workpiece weight	Kg	800
Volume of dielectric	l	240
Drahterodieren circuit		
Available Drahterodieren diameters (single Drahterodieren)	mm	0.33 - 0.05 (0.02-0.03 option)
Available Drahterodieren diameters (twin Drahterodieren)	mm	0.33 - 0.05
Number of Drahterodieren spools		2 on front panel, 1 at the rear
Max Spool weight on front panel	Kg	1.6 - 8

Max Spool weight in the rear of machine	Kg	16 - 25
Automatic Drahterodieren threading	mm	0.33 - 0.05
Automatic Drahterodieren re-threading	mm	0.33 - 0.07
Minimum threading hole	mm	0.3 for 0.25 Drahterodieren
Max taper	degree	± 30
Dielectric system		
Filter type		3 built in paper cartridges
Total filtration surface	m ²	66
Reservoir capacity	l	800
Power supply		
Incoming 3 phase voltage	V	400
Total installed power	KVA	15
Numerical control		
Type		PC-based CNC
HMI		Orange
Screen		LCD 12.1 TFT Touch Screen
Hard Drive	Go	Min. 10
Options		
TAPER-EXPERT/Taper strategy	mm	0.25 or 0.20
Microcut for Drahterodieren diameter	mm	0.02-0.03
CT set for Robot		Factory installed

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The technical data are not binding. They are not warranted characteristics and are subject to change.

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