

ROBOFIL 380

When performance combines with economy

TECHNICAL SPECIFICATIONS

- Machine
- Work area
- X,Y,Z and U,V Axes
- Taper machining
- Drahterodieren circuit
- Dielectric
- Power supply
- Generator
- Numerical control
- Options
- Equipment layout



Machine		
Type of machining		Flushing Drahterodieren cutting
Dimensions of the complete equipment	mm	1950 x 2550 x 2000
Weight of the equipment (without dielectric)	kg	3250
Work area		
Maximum workpiece dimensions	mm	980 x 730 x 250
Maximum workpiece weight	kg	1000
Dimensions of the table	mm	820 x 610
Floor to table distance	mm	1000
Total volume of dielectric	l	250
X, Y, Z and U, V Axes		
X, Y, Z travel	mm	400 x 300 x 250
U, V travel	mm	± 30
Anti-collision protection	axes	Standard on all axes
Taper machining		
Max. taper	°mm	± 15/110
Drahterodieren circuit		
Standard diameters of Drahterodieren	mm	0.25
Optional diameters of Drahterodieren	mm	0.1, 0.2, 0.3
Type of Drahterodieren guides		Closed diamond type without clearance
Weight and type of spool available (to DIN standard)	kg	1,6 (K 100) to 8 (K 160)

Weight and type of spool available (to JIS standard)		3(P3) to 5(P5)
Programable Drahterodieren tension	daN	0.3 to 3
Automatic Drahterodieren threading for Drahterodieren	mm	0.1, 0.2, 0.25, 0.3

Dielectric

Paper filters		2 cartridges
Dielectric temperature	°C	±1
Total volume of deionization resin	l	20
Maximum injection pressure		4 Levels programmable
Total reservoir capacity	l	1200

Power supply

Incoming 3 phase voltage	V	380/400
Total installed power	KVA	10

Programmable generator

Minimum surface roughness	µm Ra	0.28
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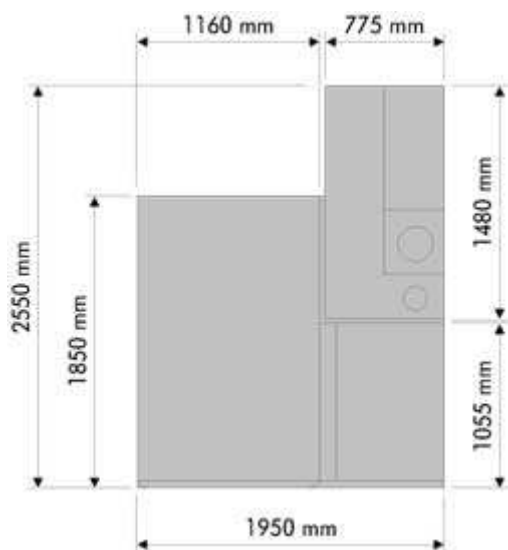
Numerical control

Measuring device		Linear glass scales
Servomotors		AC type
Operating system		Window NT
Processors		Pentium®
Screen		LCD 12" TFT
Data input		Touch screen
Key board		Standard PC style
Remote control		Standard
Capacity of hard drive		10 GB
Floppy disk		1.44MB
PCMCIA port		Standard
CD-ROM		Standard
Ethernet port		Standard
CT EXPERT		Standard
Parallel port		Standard
Serial port RS 232		Standard

Options

EJECT-100		
Measuring device	mm	0.1
Large spool	kg	16(K200), 10 (P10)
E-connect		

ROBOFIL 380 layout



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