


ROBOFIL 240

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- New Window based CNC
- Modern design with fixed table for utmost precision regardless of workpiece weight (up to 1653 kg)
- Linear glass scales for lifetime precision
- Top taper capability of the market
- Collision protection to boost operator confidence
- Submerged process and proven CT-Expert Systems for predictability of machining result:
 - PILOT-EXPERT
 - PROFIL-EXPERT
 - CT Thermo-Cut® system for fast threading

Machine

Machining type		Submerged
Dimensions of the complete equipment	in	79.53" x 80.71" x 78.74"
Weight of the equipment (without dielectric)	lbs	5401

Work Area

Maximum workpiece dimensions	in	39.37" x 21.65" x 8.66"
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Maximum workpiece weight	lbs	1653
Dimensions of the table	in	26.77" x 17.72"
Floor to table distance	in	39.37"
Total volume of dielectric	gal	201

X,Y,Z and U,V Axes

X, Y, Z travel	in	13.78" x 8.66" x 8.66"
U, V travel	in	13.78" x 8.66"
Measuring device		Linear glass scales
Collision protection	axes	X, Y, U, V, Z
Taper machining		
Taper angle/height	°/in	± 30°/8.66"
Wire circuit		
Wire diameter	in	Ø 0.004", 0.008, 0.010", 0.012"
Weight and type of spool available (to DIN standard)	lbs	3.5 (K 100) to 17.64 (K 160)
Weight and type of spool available (to JIS standard)		3(P3) to 5(P5)
Wire tension	lbs	0.66 to 6.6

Wire recovery		Integrated wire chopper
Threading rethreading		Standard
Wire diameters for automatic threading and rethreading		0.004" to 0.012"
Dielectric		
Filter cartridge		2
Dielectric temperature	°C	±1
Capacity of deionization bottle	gal	5.28
Maximum injection pressure	bar	18 (programmable)
Total reservoir capacity	gal	201
Power supply		
Incoming 3 phase voltage	V	380/400
Total installed power	KVA	10
Generator		
Maximum cutting speed	in ² /min	28
Minimum surface roughness	µm Ra	0.28
Numerical control		