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Ref.	06138
Machine	Die Sinking EDM CNC
Brand	CHARMILLES
Model	ROBOFORM 40
	-Erowa change -6 tools magazine

Main Technical Data

Movements:

- X travel 500 mm
- Y travel 400 mm
- Z travel 450 mm
- C travel 360°
- Positional increase 1 µm
- Measurement resolution 0,5 µm
- Maximum speed (manual mode) 15 mm/s
- C axis rotation speed 100 tr/min
- Electrode inertia with C axis 2.000 kg cm²

Table:

- Dimensions 750 x 500 mm
- Piece maximum weight 1.000 kg
- T-slots (number / dimensions / espace between slots) 4 / 12 / 125 mm

Dielectric:

- Working tank dimensions (whitout changer) 465 x 1.220 x 795 mm
- Capacity 415 l
- Minimum / Maximum level 135 / 425 mm
- Tank dimensions 1.160 x 1.380 x 1.010 mm
- Capacity / Filter system 725 l / 2 x 3 cartridges
- Pumps maximum flow: fill / irrigation 250 l/min / 80 l/min

Water:

- Required flow / Temperature 12 l/mm / <15°C

Air:

- Pressure range / Flow 6 < p < 8 bars / 1 l/min

External supplies:

- Installed electrical power 64 A / 6 KVA

Dimensions:

- Length x width x height 2.300 x 1.560 x 2.850 mm
- Machine and tank weight (without generator nor dielectric) 3.430 kg

(Characteristics based according to technical data)