

MD 640 CNC

with electrode changer

EDM drilling machine type Micro Drill MD 640 CNC



- + electrodes
Ø 0,08 - 3,00 mm
- + travel
600x400x250
- + Z-axis motor-driven
adjustable and
programmable
- + work piece height
270 mm
- + incl. external tank-
and filter unit
150 l tank capacity

MD 640 CNC

- high-precision EDM drilling machine

technical data:

machine body

max. work piece dimensions	mm	1190x730x210
travel x y motor driven	mm	400x600
max. work piece weight	kg	600
machine weight	kg	1200
rough adjustment Z-axis	mm	190
controlled W-axis = eroding axis lift	mm	270

for electrode diameter	mm	0,08 - 3,00
usable electrode length	mm	300/400
for automatic mode usable electrode - Ø	mm	0,30 - 3,00

generator:

integrated into machine base	
input	max. 5 KVA
voltage	3 Ph. 400 Volt / 50 ~ 60 Hz
supply fuse	min. 16 Amp.
FET technic, capacity	40 Amp.

PC control system

operating system Windows 7
ergonomically designed operation terminal
high-resolution 15" colour display flat screen
interface USB/LAN

features:

automatic electrode wear compensation
automatic parameter setting
backlash compensation
soft start function
automatic touching functions
interactive programme functions
dry run simulation
realtime self-diacnostic
resolution 0,001 mm (servo motor)
interpolation linear/circular

standard accessories:

- 1 set tools and accessories in tool box
- 1 pcs. electrode changing holder (incl. holder, chuck, seal, plunger)
- 1 pcs. ceramic guide
- 20 pcs. brass electrodes

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