



Funkenerosion

MD 640 CNC

EDM drilling machine type Micro Drill MD 640 CNC



- + electrodes
Ø 0,08 - 3,00 mm
- + travel
600x400
- + Z-axis motor-driven
adjustable and
programmable
- + work piece height
250 mm (opt. 270 mm)
- + incl. external tank-
and filter unit
100 l tank capacity

MD 640 CNC

- high-precision EDM drilling machine

technical data:

machine body

| | | |
|---------------------------------------|----|------------------------|
| max. work piece dimensions | mm | 980x700x250 |
| travel x y motor driven | mm | 600x400 |
| max. work piece weight | kg | 600 |
| machine weight | kg | 1200 |
| rough adjustment Z-axis | mm | 250 |
| controlled W-axis = eroding axis lift | mm | 300 |
| for electrode diameter | mm | 0,5 - 3,00 (opt. 0,08) |
| usable electrode length | mm | till 400 |

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 17" 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. ceramic guide
- 1 set rubber packing
- 1 pcs. Albrecht precision quick drill chuck
- 20 pcs. brass electrodes