

MD 840 CNC

EDM drilling machine type Micro Drill with PC control system



- + electrodes
Ø 0.1 - 3.0 mm
(optional 0.08 - 6.00 mm)
- + travel
800x400
- + Z-axis motor-driven
adjustable and
programmable
- + work piece height
250 mm (opt. 280 mm)
- + 15" touch
screen monitor
- + incl. external tank-
and filter unit
100 l tank capacity

MD 840 CNC - high precision EDM drilling machine

technical data:

machine body

max. work piece dimensions	mm	1180x700x250
travel x y motor driven	mm	800x400
max. work piece weight	kg	600
machine weight	kg	1600
rough adjustment Z-axis	mm	250
controlled W-axis = eroding axis lift	mm	300
for electrode diameter	mm	0.1 - 3.0 (optional 0.08 - 6.00)
usable electrode length	mm	till 400

generator:

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

PC control system

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

features:

automatic electrode wear compensation	single block function
automatic parameter setting	blindhole drilling mode
automatic setting of drilling depth	monitored breakthrough drilling mode
backlash compensation	significant monitoring of current drilling
soft start function	
automatic touching functions	
interactive programme functions	
dry run simulation	
realtime self-diacnostic	
resolution 0,001 mm (servo motor)	
interpolation linear/circular	
integrated CAD/CAM Software	

standard accessories:

- 1 set tools and accessories in tool box
- 1 set electrode changing holder Ø 1,00 mm (incl. holder, chuck, seal, plunger)
- 1 pcs. ceramic guide Ø 1,00 mm
- 20 pcs. brass electrodes Ø 1,00 mm