

# MD 840 CNC

with electrode changer

## *EDM drilling machine type Micro Drill with PC control system*



- + electrodes  
Ø 0,08 - 3,0 mm
- + travel  
800x400
- + Z-axis motor-driven  
adjustable and  
programmable
- + work piece height  
270 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	1290x730x280
travel x y motor driven	mm	800x400
max. work piece weight	kg	600
machine weight	kg	1200
rough adjustment Z-axis	mm	250
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	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