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

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

features:
automatic electrode wear compensation
automatic parameter setting
automatic setting of drilling depth
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
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