



Maschinen GmbH



MB 530 CNC



MB 640 CNC



MB 750 CNC



MB 1000 CNC

CNC EDM drilling machines

Technical data

Machine	MB 530	MB 640	MB 750	MB 1000
Table size & workpiece height	940x450x400 mm	940x450x400 mm	1140x580x400 mm	1200x668x400 mm
Travel distance X and Y axis	550x300 mm	600x400 mm	754x455 mm	1000x500 mm
Travel distance drilling axis Z	640 mm	640 mm	640 mm	640 mm
Head swivel W axis	360 mm	360 mm	360 mm	360 mm
Electrode diameter	dia. 0.1 - 3.0 mm	dia. 0.1 - 3.0 mm	dia. 0.1 - 3.0 mm	dia. 0.1 - 3.0 mm
Autom. change	dia. 0.3 - 3.0 mm	dia. 0.3 - 3.0 mm	dia. 0.3 - 3.0 mm	dia. 0.3 - 3.0 mm
Electrode changer	14 times / 10 AGC*	18 times	16 times	15 times
Overall dimension	1780x1480x2600 mm	1780x1580x2600 mm	1910x1980x2700 mm	2870x1420x2500 mm
Machine weight	1100 kg	1100 kg	1400 kg	1700 kg
Generator set				
Power input max.	5 KVA	5 KVA	5 KVA	5 KVA
Output capacity max.	30 A	30 A	30 A	30 A
Dielectric unit				
Flushing agent	Water	Water	Water	Water
Tank	70 liters	70 liters	130 liter	130 liter
Options and standards				
Tool changer	28 times / 20 AGC*	36 times	32 times	30 times
Generator increase	50 A	50 A	50 A	50 A
	A & B axis	A & B axis	A & B axis	A & B axis
	Elektrode dia. 6.0 mm	Elektrode dia. 6.0 mm	Elektrode dia. 6.0 mm	Elektrode dia. 6.0 mm
*AGC auto guide changer	4-times	4-times	4-times	4-times

CNC control

- 6 axis
- Pentium 2,9 GHz with Windows 7
DVD drive / USB / LAN /
RS232 port and Internet
- 17" color screen
- Display X;Y;W;Z 0,001mm
- A & B axis CA; CB 0,01°
- Absolute & incremental Progr.
- Graphic on the screen
- Program sequence check
on the screen
- Process indication on the screen
- Program storage Windows
- Aut. workpiece position metering
- Aut. zero point search
- DXF data transfer possible
- Remote control
- Jump into the program
- Wear compensation
- Tech. data memory
- Aut. wear checking
- Aut. perforation control

Drilling head for electrodes 600 mm 2 intermediate guides