

Complete product lineup



OCEAN TECHNOLOGIES CO., LTD.

Expert in EDM Drilling

Professional Drilling EDM Manufacturer.

Technical breakthrough with constant innovation
Pneumatic Quick Electrode Changing System

takes just

1

Second.



5,6 Axes Gantry Type CNC
Drilling EDM with Rotary
Table ϕ 750mm (stainless)

OCT-90120CA



CNC Drilling EDM (ATC & AGC Optional)

OCT-8060CA



Micro Electro-Discharge Machine

OCT-200MA



ZNC Drilling EDM

OCT-3525ZA



CNC Drilling EDM with ATC
700mm Electrode Tube Available
(optional)

OCT-6040CA



ZNC Drilling EDM with Tilted Head

OCT-3525ZB

Expert in EDM Drilling

MODEL NO	River 3	River 600 CNC Tip Series
Table travel (X,Y axes)	300 x 200 mm	600 x 400 mm
Work table size	350 x 250 mm	600 x 400 mm
Z axis travel	350 mm	400 mm
W axis travel	200 mm	450 mm
Height of workpiece	180 mm	400 mm
Max. workpiece weight	150 kgs	800 kgs
Power input	According to local voltage	According to local voltage
Maximum average current	25 Amps	25 Amps
Power capacity	3.8 KVA	3.8 KVA
Electrode diameter	0.2 - 3.0 mm	0.1 - 3.0 mm
Machine net weight	600 kgs	900 kgs
Depth / Width / Height	1100 x 1100 x 2000 mm	1030 x 1630 x 1960 mm



Drilling EDM Specifications

MODEL NO	OCT-3020NB / OCT-3020ZB	OCT-3525NA OCT-3525ZA	OCT-3525CA	OCT-3525ZB (Submerge 300mm)	OCT-4030NA OCT-4030ZA	OCT-4030CA
Table travel (X,Y axes)	300 x 200 mm	350 x 250 mm		350 x 250 mm	400 x 300 mm	
Work table size	350 x 250 mm	600 x 300 mm		600 x 300 mm	600 x 300 mm	
Z axis travel	350 mm	350 mm	200 mm	500 mm	345 mm	200 mm
W axis travel	200 mm	200 mm	350 mm	350 mm	200 mm	345 mm
The Maximum height of workpiece (without ATC)	180 mm	330 mm		500 mm	330 mm	
Max. workpiece weight	150 kgs	250 kgs		250 kgs	250kgs	
Power input	According to local voltage	According to local voltage		According to local voltage	According to local voltage	
Maximum average current	32 Amps	32 Amps		32 Amps	32 Amps	
Power capacity	3.8 KVA	3.8 KVA		3.8 KVA	3.8 KVA	
Electrode diameter	0.1 - 3.0 mm	0.1 - 3.0 mm		0.1 - 3.0 mm	0.1 - 3.0 mm	
Machine net weight	600 kgs	800 kgs		1400 kgs	1000kgs	
Depth / Width / Height	1100 x 1100 x 2000 mm	1100 x 1200 x 2100 mm		1100 x 1320 x 2100mm	1350 x 1490 x 2250 mm	

MODEL NO	OCT-4535ZA OCT-4535NA	OCT-4535CA	OCT-5540NA OCT-5540ZA	OCT-5540CA	OCT-6040CA (RAM Type)	OCT-8060CA (Gantry Type)	OCT-90120CA
Table travel (X,Y axes)	450 x 350 mm		550 x 400 mm		600 x 400 mm	800 x 600 mm	800 x 120 mm
Work table size	600 x 300 mm		800 x 450 mm		850 x 650 mm	800 x 600 mm	—
Z axis travel	345 mm	200 mm	345 mm	250 mm	700 mm	500 mm	1000 mm
W axis travel	200 mm	345 mm	250 mm	345 mm	500 mm	500 mm	350 mm
The Maximum height of workpiece (without ATC)	330 mm		420 mm		650 mm	500 mm	500 mm
Max. workpiece weight	600 kgs		1000 kgs		1200 kgs	1800 kgs	250 kgs
Power input	According to local voltage		According to local voltage		According to local voltage		According to local voltage
Maximum average current	32 Amps		32 Amps		32 Amps		32 Amps
Power capacity	3.8 KVA		3.8 KVA		3.8 KVA		85 KVA
Electrode diameter	0.1 - 3.0 mm		0.1 - 3.0 mm		0.1 - 3.0 mm		0.1 - 3.0 mm
Machine net weight	1000 kgs		1500 kgs		5000 kgs	2500 kgs	7000 kgs
Depth / Width / Height	1600 x 1600 x 2300 mm		2000 x 1800 x 2200 mm		2150 x 1980 x 2500 mm	2250 x 2450 x 2320 mm	2900 x 2865 x 2568 mm

* Due to continuous research and development, all specifications and design characteristics are subject to change without prior notice.

Micro Electro-Discharge Machines Specifications

MODEL NO	OCT-200MA
Travel (X x Y x Z)	200 x 150 x 150 mm
Positioning Resolution	0.1 μm
Electrode Forming Size (min.)	20 μm
Minimum Hole Diameter	30 μm
Surface Roughness	0.15 μm Ra
Workpiece Weight (max.)	30 Kg
Space Occupied	1400 x 1000 x 1700 mm



NO. 8, LANE 386, FENG CHENG RD., WU-FENG DIST., TAICHUNG CITY, TAIWAN.
 TEL: +886-4-23394805 FAX: +886-4-23332038
 E-mail: octec@seed.net.tw, sunnyliao@octec.com.tw

<http://www.octec.com.tw>