**HD Series Machine Placement**

**HD CNC Model**
- **HD400C**
  - Work Table Size (WxD) (mm): 500 x 400
  - X/Y axes Travel (mm): 400 x 300
  - Z axis Travel (mm): 400
  - W axis Travel (mm): 400
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 450
  - Maxi. Workpiece weight (kg): 500
  - Machine weight (kg): 1200
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 1500 x 1200 x 1800
- **HD600C**
  - Work Table Size (WxD) (mm): 700 x 400
  - X/Y axes Travel (mm): 600 x 400
  - Z axis Travel (mm): 400
  - W axis Travel (mm): 400
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 450
  - Maxi. Workpiece weight (kg): 1000
  - Machine weight (kg): 2200
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 2160 x 2100 x 2575
- **HD800C**
  - Work Table Size (WxD) (mm): 900 x 600
  - X/Y axes Travel (mm): 800 x 600
  - Z axis Travel (mm): 400
  - W axis Travel (mm): 400
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 600
  - Maxi. Workpiece weight (kg): 1500
  - Machine weight (kg): 3200
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 2505 x 2500 x 3000

**HD ZNC Model**
- **HD30Z**
  - Work Table Size (WxD) (mm): 400 x 260
  - X/Y axes Travel (mm): 300 x 200
  - Z axis Travel (mm): 345
  - W axis Travel (mm): 150
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 400
  - Maxi. Workpiece weight (kg): 250
  - Machine weight (kg): 1000
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 1600 x 1440 x 2270
- **HD35Z**
  - Work Table Size (WxD) (mm): 600 x 300
  - X/Y axes Travel (mm): 350 x 300
  - Z axis Travel (mm): 345
  - W axis Travel (mm): 350
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 400
  - Maxi. Workpiece weight (kg): 370
  - Machine weight (kg): 1150
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 1600 x 1440 x 2270
- **HD45Z**
  - Work Table Size (WxD) (mm): 600 x 300
  - X/Y axes Travel (mm): 450 x 350
  - Z axis Travel (mm): 345
  - W axis Travel (mm): 350
  - Electrode size (mm): Ø0.2 - Ø3.0
  - Maxi. Electrode length (mm): 400
  - Maxi. Workpiece weight (kg): 450
  - Machine weight (kg): 1350
  - Input Power (KVA): 4.0
  - Machine Dimension (mm): 1590 x 1680 x 2270

**Standard Accessories**
- 3 axes CNC with 1μm Resolution
- Electrode Check Ø0.2mm - Ø3.0mm
- Electrode Guide Ø1.0mm
- Work Lamp x 1
- Tool Box x 1
- Paper Filter x 3
- Parallel Pad x 1
- Electrode High Pressure Pump 80kg/cm² x 1

**HD CNC Option**
- A/B axes option
- Water Filter Tank
- Auto Electrode Changer System
- Auto Electrode Check

**HD ZNC Option**
- Water Filter Tank
- Air Electrode Check

**Remark:** We can make to order as customer requested.

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<table>
<thead>
<tr>
<th>Machine Placement</th>
<th>HD400C</th>
<th>HD600C</th>
<th>HD800C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Table Size (WxD) (mm)</td>
<td>500 x 400</td>
<td>700 x 400</td>
<td>900 x 600</td>
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<tr>
<td>X/Y axes Travel (mm)</td>
<td>400 x 300</td>
<td>600 x 400</td>
<td>800 x 600</td>
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<tr>
<td>Z axis Travel (mm)</td>
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</tr>
<tr>
<td>W axis Travel (mm)</td>
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<td>400</td>
</tr>
<tr>
<td>Electrode size (mm)</td>
<td>Ø0.2~Ø3.0</td>
<td>Ø0.2~Ø3.0</td>
<td>Ø0.2~Ø3.0</td>
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<tr>
<td>Auto Electrode Changer (Option)</td>
<td>8 pcs</td>
<td>16 pcs</td>
<td>16 pcs</td>
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<tr>
<td>Maxi. Electrode length (mm)</td>
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<tr>
<td>Maxi. Workpiece height (mm)</td>
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<td>Maxi. Workpiece weight (kg)</td>
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<td>1500</td>
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<tr>
<td>Machine weight (kg)</td>
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<td>2200</td>
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<tr>
<td>Input Power (KVA)</td>
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<td>4.0KVA</td>
<td>4.0KVA</td>
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<tr>
<td>Machine Dimension (mm)</td>
<td>1500 x 1200 x 1800</td>
<td>2160 x 2100 x 2575</td>
<td>2505 x 2500 x 3000</td>
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<tr>
<th>Standard Accessories</th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>● 3 axes CRO with 1μm Resolution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● Electrode Check Ø0.2mm~Ø3.0mm</td>
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</tr>
<tr>
<td>● Electrode Guide Ø1.0mm</td>
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</tr>
<tr>
<td>● Work Lamp x 1</td>
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<tr>
<td>● Tool Box x 1</td>
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<td>● Paper Filter x 2</td>
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<tr>
<td>● Parallel Pad x 1</td>
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<tr>
<td>● Electrode High Pressure Pump 80kg/cm² x 1</td>
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<table>
<thead>
<tr>
<th>HD CNC Option</th>
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<tbody>
<tr>
<td>● A/B axes option</td>
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<tr>
<td>● Water Filter Tank</td>
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<td></td>
</tr>
<tr>
<td>● Auto Electrode Changer System</td>
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<tr>
<th>HD ZNC Option</th>
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<tbody>
<tr>
<td>● Air Electrode Check</td>
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### HD Series

#### HOLE DRILLING EDM FOR SPECIAL PURPOSES

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<thead>
<tr>
<th>Machine</th>
<th>HD400C</th>
<th>HD600C</th>
<th>HD800C</th>
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</thead>
<tbody>
<tr>
<td><strong>Work Table Size (WxD) (mm)</strong></td>
<td>500 x 400</td>
<td>700 x 400</td>
<td>900 x 600</td>
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<tr>
<td><strong>X/Y axes Travel (mm)</strong></td>
<td>400 x 300</td>
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<td><strong>Z axis Travel (mm)</strong></td>
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<tr>
<td><strong>W axis Travel (mm)</strong></td>
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<tr>
<td><strong>Electrode size (mm)</strong></td>
<td>Ø 0.2~Ø 3.0</td>
<td>Ø 0.2~Ø 3.0</td>
<td>Ø 0.2~Ø 3.0</td>
</tr>
<tr>
<td><strong>Auto Electrode Changer (Option)</strong></td>
<td>8 pcs</td>
<td>16 pcs</td>
<td>16 pcs</td>
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<tr>
<td><strong>Maxi. Electrode length (mm)</strong></td>
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<td><strong>Maxi. Workpiece weight (kg)</strong></td>
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<td>1500</td>
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<tr>
<td><strong>Machine weight (kg)</strong></td>
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<td>3200</td>
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<tr>
<td><strong>Input Power (KVA)</strong></td>
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<td>4.0KVA</td>
<td>4.0KVA</td>
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<tr>
<td><strong>Machine Dimension (mm)</strong></td>
<td>1500 x 1200 x 1800</td>
<td>2160 x 2100 x 2575</td>
<td>2505 x 2500 x 3000</td>
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#### HD ZNC model

<table>
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<tr>
<th>Machine</th>
<th>HD30Z</th>
<th>HD35Z</th>
<th>HD45Z</th>
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<tbody>
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<td><strong>Work Table Size (WxD) (mm)</strong></td>
<td>400 x 260</td>
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<td><strong>X/Y axes Travel (mm)</strong></td>
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<td><strong>Z axis Travel (mm)</strong></td>
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<td><strong>W axis Travel (mm)</strong></td>
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<td><strong>Maxi. Electrode length (mm)</strong></td>
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<td><strong>Maxi. Workpiece weight (kg)</strong></td>
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<td><strong>Machine weight (kg)</strong></td>
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<tr>
<td><strong>Input Power (KVA)</strong></td>
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<td>4.0KVA</td>
<td>4.0KVA</td>
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<tr>
<td><strong>Machine Dimension (mm)</strong></td>
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### Standard Accessories
- 3 axes CRO with 1μm Resolution
- Electrode Check Ø0.2mm~Ø3.0mm
- Electrode Guide Ø1.0mm
- Work Lamp x 1
- Tools Box x 1
- Paper Filter x 2
- Parallel Pad x 1
- Electrode High Pressure Pump 80kg/cm² x 1

### HD CNC Option
- A/B axes option
- Water Filter Tank
- Auto Electrode Changer System
- Auto Electrode Check

### HD ZNC Option
- Water Filter Tank
- Air Electrode Check
HD CNC

EXCETEK Product New HD Series CNC Small Hole Drilling EDM

- Based on EXCETEK galore EDM Technology Innovations Small Hole Drilling EDM.
- Provide all kind of Material with Faster & Accuracy & Difficult situation job work solution
- HD-Series HEDM with Rigidly mechanical frame and easy operation interface
- HD-Series provide high added value machine & high performance.
- HD-Series with Zero second sparking pulse control Arithmetic unit, provide aerospace material high accuracy machining, example: Tungsten Carbide, Titanium alloy, Nickel alloy...

- HD600C travel X*Y*Z is 600*400*400 maximum workpiece weight 1000kg with column move style.

- HD600C optional 16pcs auto electrode tool changer system.
- CNC HD600C applicate electrode pipe from 0.2mm to 3mm & Maximum workpiece high 400mm.
- HD600C provide electrode pipe auxiliary support device improve electrode pipe straightness.

- HD600C use graphite table provide stable machining accuracy & reduce effect of temperature changes.

- HD600C High Speed small hole drilling EDM HD600C Optional with rotary table W-axis.

HD ZNC

- Provide 9 sets material with multi electrode size condition selection & setting save function.
- Z-axis zero function easy for monitor cutting depth.
- Z-axis end of sparking with auto move up function reduce operation step.
- Sparking depth electrode consumption estimates setting function.
- Reduce start hole sparking burn function
- Reduce inadvertent hole size difference function.
- Standard with 3 axis build in Digital Read Out display.
- Provide each axis zero key function
- Inch/mm display function.
- Z-axis use AC servo motor.

- HD400C travel X*Y*Z is 400*300*400 maximum workpiece weight 500kg with column move style.

- HD400C optional 8pcs auto electrode tool changer system.

- CNC Controller Future:
  - Windows CE. With industrial grade PC base CNC controller, provide auto Electrode ware compensation & sparking effect compensation.
  - CNC provide multi task interface & easy friendly operation interface.

- HD400C use granite table provide stable machining accuracy & reduce effect of temperature changes.

- HD400C provide electrode pipe auxiliary support device improve electrode pipe straightness.

- HD400C provide 9 sets material with multi electrode size condition selection & setting save function.
- Z-axis zero function easy for monitor cutting depth.
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- Standard with 3 axis build in Digital Read Out display.
- Provide each axis zero key function
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- Z-axis use AC servo motor.
HD600C
- HD600C travel X*Y*Z is 600*400*400 maximum workpiece weight 1000kg with column move style.
- HD600C optional 16pcs auto electrode tool changer system.
- CNC HD600C applycate electrode pipe from 0.2mm to 3mm & Maximum workpiece high 400mm.
- HD600C provide electrode pipe auxiliary support device improve electrode pipe straightness.
- HD-Series with Nero second sparking pulse control Arithmetic unit, provide aerospace material high accuracy machining, example: Tungsten Carbide, Titanium alloy, Nickel alloy....
- HD600C high pressure pump 80kg/cm².

HD400C
- HD400C travel X*Y*Z is 400*300*400 maximum workpiece weight 500kg with column move style.
- HD400C optional 8pcs auto electrode tool changer system.

HD CNC
- EXCETEK Product New HD Series CNC Small Hole Drilling EDM.
- Base on EXCETEK galore EDM Technology innovations Small Hole Drilling EDM.
- Provide all kind of Material with Faster & Accuracy & Difficult situation job work solution.
- HD-Series HEDM with Rigidly mechanical frame and easy operation interface.
- HD-Series provide high added value machine & high performance.
- HD-Series with Zero second sparking pulse control Arithmetic unit, provide aerospace material high accuracy machining, example: Tungsten Carbide, Titanium alloy, Nickel alloy....

CNC Controller Future:
- Windows CE With industrial grade PC base CNC controller, provide auto Electrode ware compensation & sparking effect compensation.
- CNC provide multi task interface & easy friendly operation interface.

HD ZNC
- Provide 9 sets material with multi electrode size condition selection & setting save function.
- Z-axis auto zero function easy for monitor cutting depth.
- Z-axis end of sparking with auto move up function reduce operation step.
- Sparking depth electrode consumption estimates setting function.
- Reduce start hole sparking burn function.
- HD-Series provide high pressure pump 80kg/cm².
- HD-Series provide stable machining accuracy & reduce effect of temperature changes.
- HD-ZNC use AC servo motor.

HD400C
- HD400C use granite table provide stable machining accuracy & reduce effect of temperature changes.
- HD400C with rotary table W-axis.
- HD400C provide each axis zero key function.
- HD400C provide Inch/mm display function.
- HD400C Z-axis AC servo motor.
HD CNC

EXCETEK Product New HD Series CNC Small Hole Drilling EDM
Base on EXCETEK galore EDM Technology Innovations Small Hole Drilling EDM.
Provide both of Material with Faster & Accuracy & Difficult situation job work solution
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HD600C
- HD600C travel X*Y*Z is 600*400*400 maximum workpiece weight 1000kg with column move style.
- HD600C optional 16pcs auto electrode tool changer system
- HD600C applicable electrode pipe from 0.2mm to 3mm & Maximum workpiece high 400mm.
- HD600C provide electrode pipe auxiliary support device improve electrode pipe straightness.
- High Speed small hole drilling EDM HD600C Optional with rotary table W-axis.
- HD600C use granite table provide stable machining accuracy & reduce effect of temperature changes.

HD400C
- HD400C travel X*Y*Z is 400*300*400 maximum workpiece weight 500kg with column move style.
- HD400C optional 8pcs auto electrode tool changer system
- HD400C with 80kgs/cm² high pressure pump
- HD400C use AC servo motor.

CNC Controller Future:
- Windows CE With industrial grade PC base CNC controller, provide auto Electrode ware compensation & sparking effect compensation.
- CNC provide multi task interface & easy friendly operation interface.

HD ZNC

- Provide 9 sets material with multi electrode size condition selection & setting save function.
- Z-axis auto zero function easy for monitor cutting depth.
- Z-axis end of sparking with auto move up function reduce operation step.
- Sparking depth electrode consumption estimates setting function.
- Reduce start hole sparking burn function.
- Reduce inward hole size difference function.
- Standard with 3 axis build in Digital Read Out display.
- Provide each axis zero key function
- Inch/mm display function.
- Z-axis use AC servo motor.

- 80kgs/cm² high pressure pump