**Diamond Electro-Plating Plant DBA 1-355/455**

**Single-Tank Diamond Electro-Plating Plant**
for single parts, prototype and small mass production with electrolyte compensation tank to raise and lower the electrolyte level in the plating tank.

Touch screen operator terminal for process control and adjustment, programming and monitoring the process and bath parameters.

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**Technological data:**

<table>
<thead>
<tr>
<th></th>
<th>DBA 1-355</th>
<th>DBA 1-455</th>
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</thead>
<tbody>
<tr>
<td>max. applicable outer tool Ø</td>
<td>350 (400) mm</td>
<td>450 (500) mm</td>
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<tr>
<td>Bath volume:</td>
<td>273 l</td>
<td>420 l</td>
</tr>
<tr>
<td>Capacity of the electrolyte compensation tank</td>
<td>max. 406 l</td>
<td>max. 406 l</td>
</tr>
<tr>
<td>Bath temperature:</td>
<td>max. 80°C</td>
<td>max. 80°C</td>
</tr>
<tr>
<td>Dimensions (L x W x H):</td>
<td>approx. 3670 x 2200 x 1200 / 2575 mm</td>
<td>approx. 3670 x 2300 x 1200 / 2575 mm</td>
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<tr>
<td>Power ratings:</td>
<td>approx. 2.5KVA, 240V, 16A</td>
<td>approx. 2.5KVA, 400V, 16A</td>
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</tbody>
</table>

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Please note: All illustrations are examples.
The product may vary from the illustrations.

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1. Touch screen operator terminal for process control, programming, pre-set and monitoring of:
   - Process parameters: Bath parameters
     - Current - Temperature
     - Voltage - pH value
     - Leak current - Level
     - Time count - Electrolyte constancy
     - Safety sensors - Amin counter

2. Process regulation and control unit (PRS) in electronics cabinet
3. Electro-plating tank (heat insulated)
4. Electrolyte compensation tank
5. Three-cascade standing sink unit
6. Raised work platform with non-skid floor grating

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The design of the screens, functions and operational languages can be adapted to the customers' specifications.