

## Diamond Electro-Plating Plant DBA 1-355/455 - 010

## **Single-Tank Diamond Electro-Plating Plant**

for the production of diamond or CBN electro-plated grinding tools of steel with a max. diameter of 400 or 500 mm.

Equipped with a Touch screen operator terminal for process control and for pre-set, programming and monitoring the process and bath parameters.



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

Touch screen operator terminal Examples of process control and programming screens.

 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

- Level

- Lifting/lowering/rotation

Electrolyte constancySafety sensors

- Amin counter

including signal lamp for operational status

2. Process regulation and control unit (PRS) in electronics cabinet

3. Electro-plating tank (heat insulated)

4. Bath lighting

5. Three-cascade standing sink unit

6. Rim exhaustion

7. Raised work platform with non-skid floor grating

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

Technical data:	DBA 1-355/010	DBA 1-455/010
max. applicable outer tool Ø	350 (400) mm	450 (500) mm
Bath volume:	350 l	540 I
Bath temperature:	max. 60°C	max. 60°C
Dimensions (L x W x H):	appr. 3854 x 2180 x 2028 mm	appr. 3954 x 2280 x 2028 mm
Power ratings:	appr. 2.5KVA, 240V, 16A, 50 Hz	appr. 4.5 KVA, 400 V, 32 A, 50 Hz