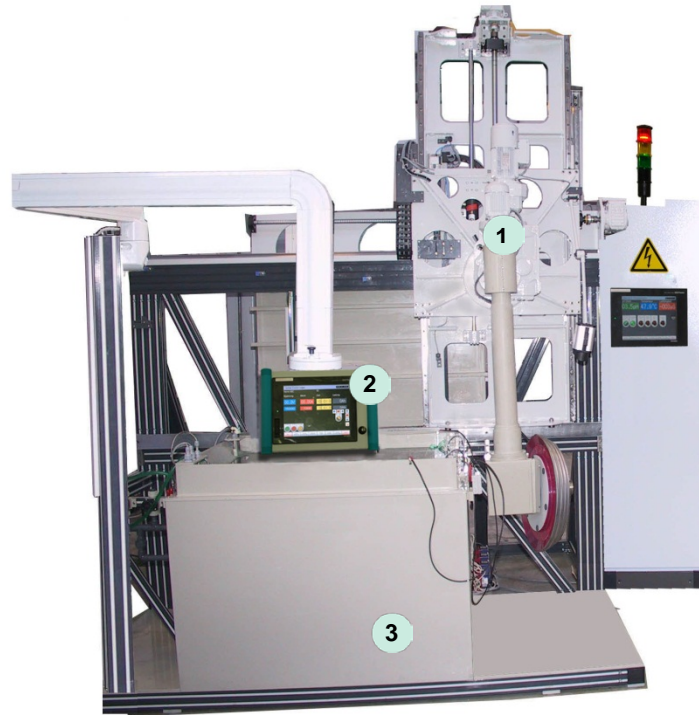


金刚石电镀设备 DBA 1-808/809

Diamond Electro-Plating Plant DBA 1-808/809

用于生产被金刚石和立方氮化硼电镀的外直径不超过 800 毫米的磨轮。

For manufacturing diamond and CBN electro-plated grinding wheels with a maximum outer diameter of 800 mm.



1. 磨轮的摇摆与旋转装置 Swivel and rotation unit for grinding wheel
 - 工件做水平与垂直轴向运动
Movement of the work piece along the horizontal and vertical axis
 - 电镀时工件摇摆和旋转
Swiveling and rotation of the work piece during electro-plating
2. 终端操作触摸屏: Touch screen-operator's terminal for:
 - 调控所有轴向运动 Control of all axis movements
 - 电镀槽液面调节与漂洗泵调控
Level regulation of the electro-plating tub and control of the rinsing pumps
 - 调控金刚石电镀 (DBS) 的操作参数输入
Input of the operation parameters of the diamond electro-plating control (DBS)
 - 电镀过程的调控: Control of the electro-plating process:
 - * 电流 Current
 - * 电压 Voltage
 - * 备用电流 Leak current
 - * 定时 Timing
3. 金刚石电镀槽 Diamond electro-plating tank

最大磨轮尺寸 Max. wheel dimensions	设备型号 Type of system		摇摆与旋转装置的最大承受力 Max. load capacity of swivel and rotation unit
	DBA 1-808	DBA 1-809	
直径 500 x 250 毫米 Ø 500 x 250 mm	直径 500 x 350 毫米 Ø 500 x 350 mm	320 千克 320 kg	
直径 600 x 200 毫米 Ø 600 x 200 mm	直径 600 x 300 毫米 Ø 600 x 300 mm		
直径 700 x 150 毫米 Ø 700 x 150 mm	直径 700 x 250 毫米 Ø 700 x 250 mm		
直径 800 x 120 毫米 Ø 800 x 120 mm	直径 800 x 220 毫米 Ø 800 x 220 mm		

技术参数 Technical data:

- 摇摆范围 90° (± 45°), 连续 Swivel area 90° (± 45°) continuous
- 恒定和连续旋转可设置在最小 1 转/240 分, 最大 5 转/分之间
Rotation permanent and continuously adjustable from min. 1 turn/240, max. 5 rpm
- 旋转: 恒定或者间隔控制 Rotation: permanent or interval controlled
- 轴向操作速度通过变频器调节 Movement speed of axes adjustable through frequency inverter
- 气动坠落保护装置 Pneumatic crash protection
- 可选择旋转方向 Selectable rotation direction
- 通过电镀液储槽升降工作槽中电镀液的水平面
Raising and lowering of electrolyte level in the plating tank possible with electrolyte compensation tank
- 在一个槽中完成预镀镍, 金刚石固定和亮镍工作
Pre-nickel, diamond tackdown and finish nickel plating are done in one tank.



摇摆和旋转装置上的磨轮 Grinding wheel mounted to swivel and rotation unit



操作终端触摸屏示例
可根据客户要求设置屏幕, 功能和操作语言

Display examples of Touch screen operators' terminal.
The displays and operating functions may be individually programmed according to the customer's specifications and in various languages.