

## Rotation System for the Manufacturing of Diamond Foils and Finishing Strips

### Diamond Electro-Plating Control DBS 50 A/45

- Power ratings: 230 V, optional 110 V
- Rated current: 50A /18V DC Visualization and sequence control of process parameters (current, voltage, leak current, timer [time run], constant voltage, pumps, motors, valves, rotation of fixture, etc.) by touch screen operator terminal
- Interfaces for connection to external PC, Laptop or Intranet
- Individual adaptation of the touch screen functions possible.

#### Electro-plating cassette BKA 942/002

- for holding and rotation of the contact fixture during the electro-plating process
- Horizontal motor unit HAE 971/003 with reversing rotation
- Diamond retaining filters to prevent spillage of diamond grits into the electrolyte circuit

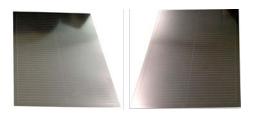
#### Rotation and contact fixture RKW-001

To hold the stainless-steel foil for electro-plating. The stainless-steel foil may be pre-etched or smooth, in which case it is cut by laser to the appropriate dimensions of the finishing strips.









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		Programmauswahl			Diamantieren			Drehung Manuell				
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		Prozess Muft Soll 25:00 Ist 0.01				Einbetten						_
	PROZESS	0 1 Man Tup 1		Soll 20 Res	st 0.0 V	Winkel Links	90	Grad		Sektoren	10	8
FERTIGNICKEL		1 Man Typ 1 2 Man Typ 2 3 Man Typ 3		Absetzzeit	15 5	Writed Rechts	90	Orad		Absetzeit	120	•
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# Production capacity/electro-plating station (pieces):

Grit size	Process	Foil dimensions: 295 x 380 mm (2 pieces)				
FEPA (US mesh)	time	Strip width	1-shift (8 h)			
D54 (270/325)		4 mm	1008 pcs			
	145 min	6 mm	684 pcs			
		8 mm	516 pcs			
D30 (400/500)		4 mm	1680 pcs			
	90 min	6 mm	1140 pcs			
		8 mm	860 pcs			