

FORMING THE FUTURE

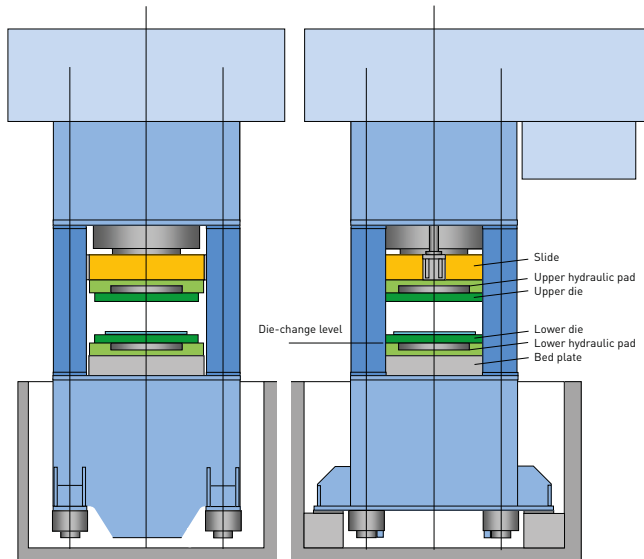


SCHULER BPL FLEX.  
PRODUCTION LINES FOR LARGE FORMAT  
ALKALINE ELECTROLYZER BIPOLAR PLATES.

## SOLUTIONS FROM SCHULER FOR THE PRODUCTION OF ELECTROLYZER PLATES/BIPOLAR PLATES.

In cooperation with the Schuler tool shop, AWEBA, Schuler offers the complete turn-key solution for the production of electrolyzer plates/bipolar plates. The product measurements with diameters up to 1.600 mm

and a thickness of up to 2 mm require a high press force. The BPL flex, a hydraulic press, is especially suitable for large-format bipolar plates or separator plates for electrolyzers.



Example: Hydraulic embossing press SH 4500-2.3x2.3

### TECHNICAL DATA

Model	SH 4500-2.3x2.3*
Output rate of embossed plates per year	up to 1.2 million
Material feed	Manual or automatic
Table length/width [mm]	2.300 x 2.300
Type of press	Hydraulic
Press force [kN]	45.000
Max. slide stroke [mm]	650
Die shut height (incl. pads) [mm]	Min. 850
Stroke rate [1/min]	up to 5

\*These press data are just an example; Schuler builds presses for electrolyzer plates/bipolar plates for all customer requirements. Subject to technical changes.

### BENEFITS

- Customized hydraulic press for embossing plates
- High strength press-design
- Up to 5 electrolyzer plates per minute
- Suitable for large-format plates up to a diameter of 1.600 mm
- Press design with four sides of access for material flow and die change

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