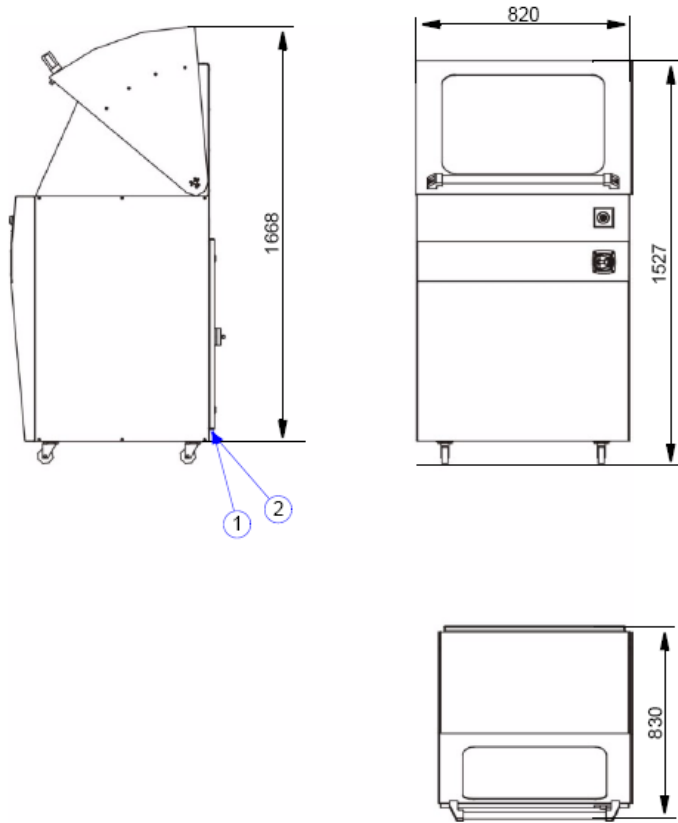


Swedish Electroforming Technology AB



ORION Stamper Polisher

- > Fully automatic back polishing process with up to three different grades of finishing discs.
- > Closed loop anti-bacterial polishing additive spray process to prevent contamination.
- > Added filtration to collect nickel particles that are potentially harmful.
- > PLC controlled with colour touch-screen user interface.
- > Software adjustable process parameters.
- > Standalone unit.
- > For stamper sizes from 130 mm to 240 mm.
- > Handles all optical formats.
- > Adapter plate for punched stampers.
- > Polishing head speed adjustable from 0 – 4500 rpm.
- > Polishing table speed adjustable from 1200 – 2500 rpm.
- > Roughness value (Ra) > 0,03.



Technical specifications

Electrical Power:
230VAC \pm 10% 50/60Hz
Single phase.

Compressed air flow:
200 NI/min

Pressure Min/Max
5 – 7 bar.

Tank: 13 litre

Polishing pad hopper:
3 x 75 pads.

ORION Stamper Polisher

The most user-friendly stamper polishing system on the market. It has a powerful new processor that allows the addition of software to suit individual customer requirements.

The ORION has features that really help the operator to maintain a high productivity and quality level. On-screen process monitoring gives the operator information exactly when filter cartridges need changing, polishing pads have to be replenished and when nickel sludge container needs cleaning.

No random inspection. No emergency stops. Just consistent high quality production with a minimum of down time.

The system is controlled by a PLC which is designed for industrial use, to ensure high reliability. It has user programmable recipes. The cabinet is fully contained within the footprint area. This gives flexibility of location.

Our technicians have expertise and experience of developing, manufacturing and servicing Electroforming systems.