



PR-150

GRINDING OF SURFACES AND RADII OF PRISMS



Highly precise prism grinding



Processing of different kinds of prisms

FEATURES + BENEFITS

Flexibility

- Universally applicable processing of all prism surfaces
- Processes plano surfaces and radii contour on prisms as well as form shapes
- Wide application range for small, medium and large prisms with up to 150 mm diagonal of work piece (symmetrical)
- Processing of glass and all brittle materials

Efficiency

- Automated multi cut optimization
- Fast setup with simple chucking devices making re-tooling fast and easy
- High angular accuracy without re-clamping
- Simulation and plausibility check of all input data allow fast setup and error-free programming



Reliability

- Highly precise angles of plano surfaces in relation to each other using rotational axis with precise rotary encoder
- Individual cutting optimization for each prism side for optimized cutting performance with individual feed rate and cut depth
- Optimized driving concept of spindles and axes allows high process speed for best accuracy and minimized pyramidal errors
- Graphical process simulation for high process safety

Ease of use

- Easy accessible for fast und simplified maintenance
- Cleaner workpieces after grinding through air shower function
- Compact footprint for convenient integration in every production line
- Easy and convenient job setup via Satisloh guided user interface PriSys

OPTIONS + ACCESSORIES

- Automatic loading system
- Chiller & coolant systems
- Pressure pins, chucks, auxiliary loading devices
- Diamond tools & consumables

TECHNICAL INFORMATION

Dimensions (w x d x h)	1000 x 1480 x 1900 mm (39 x 58 x 75 in)
Working range	Ø up to 150 mm

CONTACT

Satisloh AG
 Neuhofstrasse 12
 CH - 6340 Baar
 Switzerland
 Phone: +41 (0) 41766 16 16
 Fax: +41 (0) 41766 16 10
 Mail: info@satisloh.com

www.satisloh.com

North America
Europe
Asia
Middle & South America

Sales
Phone: +1 262 255 6001
Email: precision@satislohusa.com
Phone: +49 (0) 6441 912 0
Email: info.de@satisloh.com
Phone: +852 27 56 7654
Email: info.asia@satisloh.com
Phone: +55 (24) 2233 8600
Email: info.latam@satisloh.com

Service
+1 800 866 5640
 precision@satislohusa.com
 +49 (0) 6441 912 555
 service.de@satisloh.com
 +852 27 56 5058
 service.asia@satisloh.com
 +55 (24) 2233 8686
 servicio.latam@satisloh.com

satisloh®