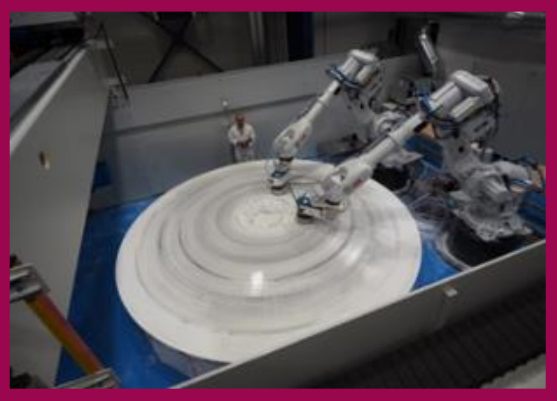


**SAFRAN REOSC**



## **POLISHING STATIONS**

### **Safran Reosc Solutions**

Capitalizing on its renowned expertise in high-precision optical fabrication, Safran Reosc offers polishing processing stations equipped with its software control, to support development of optical manufacturers.

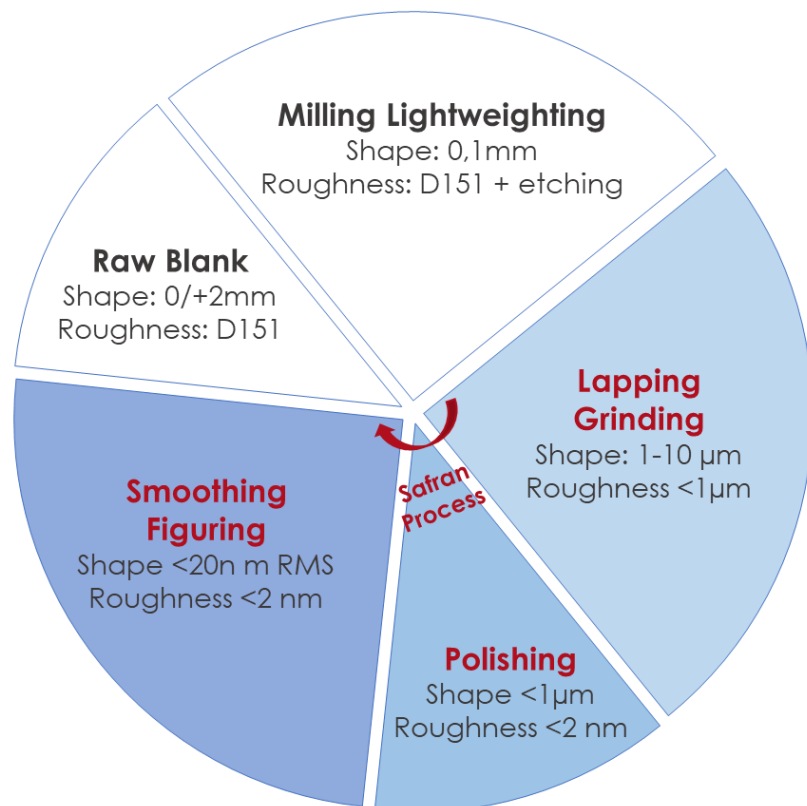
- Lapping, grinding, polishing
- Figuring & smoothing
- Software included
- Installation and Training support
- Fast delivery – low maintenance
- On demand customization
- For Ceramic & Silica material
- High performance up to nm
- Adaptable for any external shape
- Surface shape (flat & freeform)

# Safran Reosc POLISHING STATIONS

## A Unique Know-How

Safran Reosc supplies optical surface processing solutions for optics from 300mm to 4200mm diameter range, covering the complete cycle: **lapping, grinding, polishing, figuring and smoothing**.

Many equipment are part of Safran optical workshop and have already been delivered for our world-wide customers.



All our solutions use **standard industrial robots, CNC machines, fitting heads and various tools** adapted to cover the main processing steps.

Our computer assisted manufacturing software called **NanoCam** offers user-friendly control of the processes and contains the intelligence to predict result of the processing cycle in preparation.

Thanks to the easiness of use and our complete operator training, our customers can easily fine tune their processing strategy and be directly operational, to reach the nm.

Safran Reosc can also go beyond and customize equipment on demand.

**We offer more than a machine, we offer a complete process, software and training.**

### Material

Glass  
Ceramic  
Silica

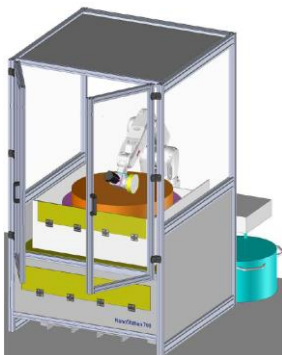
### Surface Shape

SFE <math><20\text{ nm RMS}</math>  
Roughness <math><2\text{ nm RMS}</math>  
Flat/ Spherical/ Free form

## Safran Catalog

### SR-800

One robot (6 axis)  
Automatic slurry  
Optic Max diameter:  $\Phi 800\text{ mm}$   
Load capacity 150 kg  
Lapping, polishing, smoothing  
Disc figuring



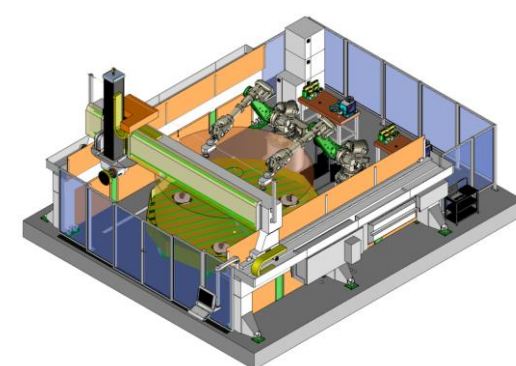
### SR-2000

One robot (6 axis)  
Automatic slurry  
Optic Max diameter:  $\Phi 2000\text{ mm}$   
Load capacity 2 000 kg  
Lapping, polishing, smoothing  
Disc figuring



### SR-4200

One CN & 2 robots (6 axis)  
Automatic slurry  
Optic Max diameter:  $\Phi 4200\text{ mm}$   
Load capacity 12 000 kg  
Lapping, polishing, smoothing  
Disc & Wheel figuring  
Milling & Lightweighting adaptable



Safran Reosc  
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