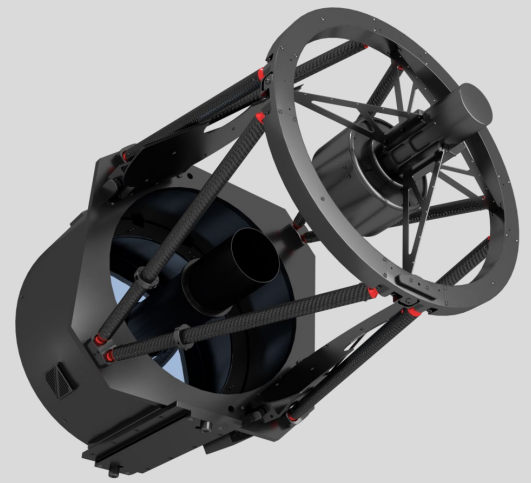


Design production and assembly is carried out in our ISO certified company with 20 years of experience in telescope making – Made in Austria.

# ASA600

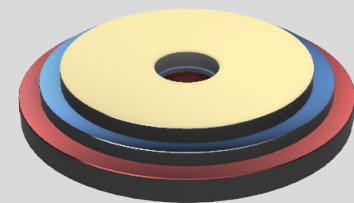
600 mm Ritchey-Chrétien Alt-Az telescope f7 f2.5



ASA600

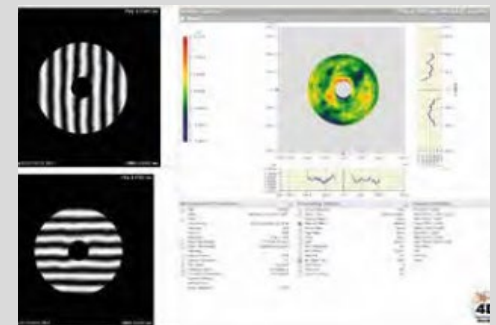
## ASA OPTIC

- Main mirror optical size is > 600 mm
- Resolution is inversely proportional to the size of the primary mirror. The larger the diameter of the mirror, the better the theoretical resolution. A larger telescope theoretically can resolve more details than a small telescope at a given wavelength. Therefore the difference in comparison between e.g. 600/700/800 mm mirror size is significant.
- Mirror material: Fused silica (quartz), ultra-low thermal expansion 0.55e-6/°C
- Guaranteed surface quality:  $\lambda/24$  RMS wave front accuracy (> 94% Strehl)
- The mirrors are made in our own optics production facility

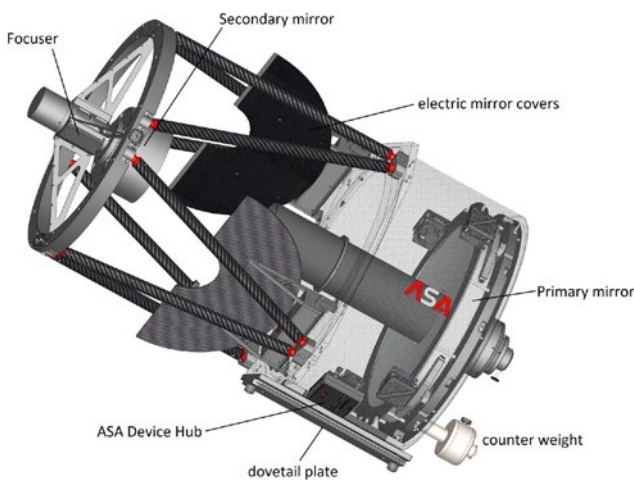


- 600 mm
- 700 mm
- 800 mm

	Light Gathering Power	Resolving Power
600 mm	100%	0.223"
700 mm	119%	0.191"
800 mm	142%	0.167"



Optic



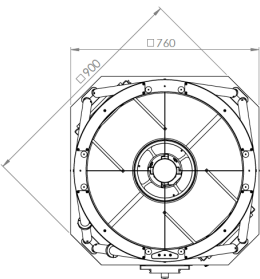
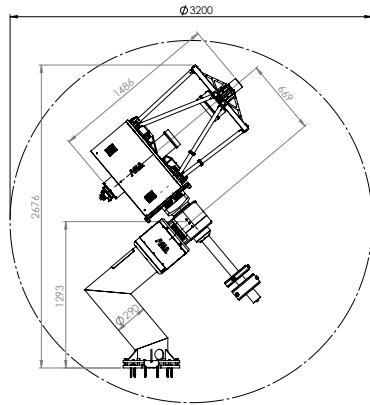
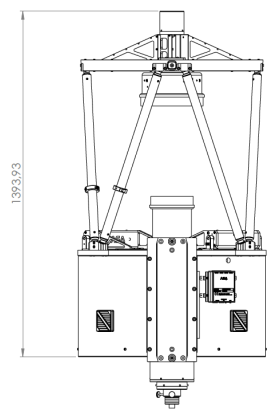
ASA DDM200 with ASA Direct Drive



ASA600 in Russia



ASA600 in Russia



### INCLUDED WITH DELIVERY

- Motorized focuser – Absolute encoder
- Laser for optical collimation
- Telescope electronic racks including all power supplies for the telescope
- IP-Remote power switch and ethernet switch
- TCU (telescope control unit), Software, TCP/IP interface

### ASA600 DIMENSIONS

Weight: 96 kg (212 lbs)

### MATERIALS USED

- Carbon
- High-end aluminum, CNC machined

### OPTIONAL

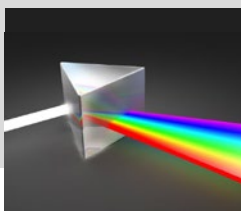
- ADR6 ASA derotator with absolut encoder
- Motorized main mirror covers
- Customer specific camera adapter
- Correctors: Field flattener, reducers

## ASA600 APPLICATIONS

ASTRONOMY



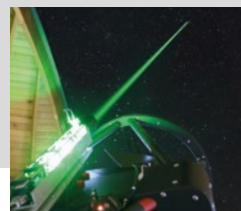
SPECTROSCOPY



SPACE DEBRIS DETECTION



SATELLITE LASER RANGING



LASER COMMUNICATION



QUANTUM KEY DISTRIBUTION

