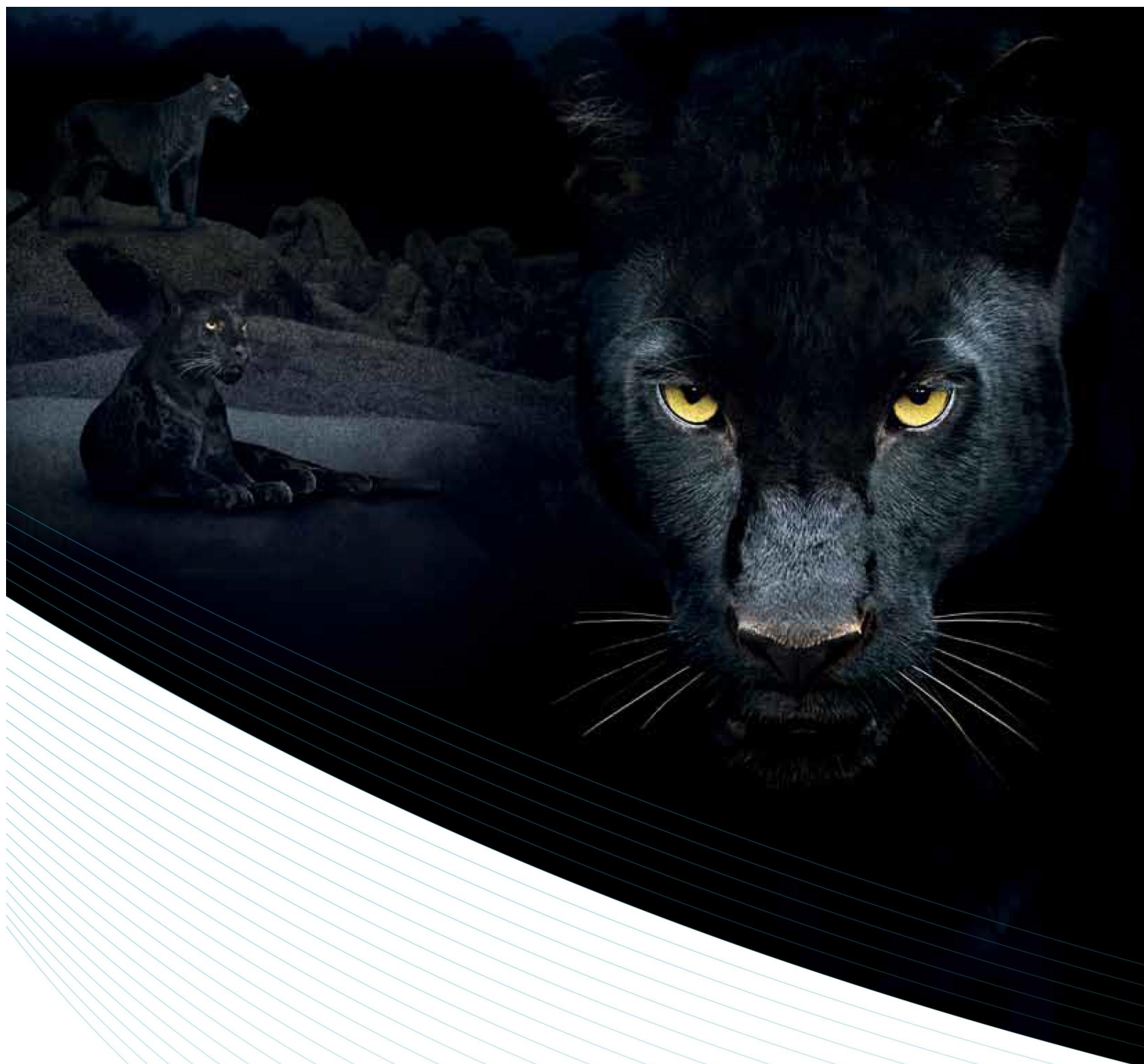




# Focus on performance

The SCHWIND AMARIS® product family



»» The SCHWIND AMARIS technology fulfils a long list of requirements that are of fundamental importance to the eye surgeon.

Thomas Neuhann MD, EuroEyes ALZ Eye Clinic, Munich, Germany





## 500 Hertz

5D Eye Tracking (Advanced Cyclotorsion Control)

# The efficient compact model

## SCHWIND AMARIS® 500E

The SCHWIND AMARIS 500E perfectly combines efficiency and safety. Automatic Fluence Level Adjustment (AFLA) ensures an optimal balance between the total number of laser pulses and the energy delivered. The result is fast ablation with optimum smoothing of the cornea. The laser system, with a 500 Hz repetition rate, is perfectly complemented by a 5D eye tracker, which actively compensates for eye movements in five dimensions. Contact-free online

pachymetry measures the thickness of the cornea throughout the entire duration of the laser treatment, and increases intraoperative safety in refractive surgery.

The SCHWIND AMARIS 500E is trusted by eye surgeons, and the outstanding performance of this compact laser system is verified by numerous studies.

# Perfection in form and function

## Intelligent design for a new dimension in quality

The SCHWIND AMARIS 1050RS will enhance your clinic in every respect – with its elegantly curved lines, shiny white paintwork and blue accents. The successful integration of complex ergonomic and technical specifications with attractive design is also exemplified by the SCHWIND AMARIS 750S, while the SCHWIND AMARIS 500E is the efficient solution with its compact and ergonomic functional base unit.

We aim to create laser systems which meet the highest demands, both aesthetically and in terms of performance, and which do their job to perfection, day in, day out. All the controls are easy to reach and clearly laid out to ensure that you can concentrate fully on the treatment of your patients.

But, of course, design and ergonomics are not the only things that really make our laser systems stand out. Throughout the entire development process in accordance with DIN EN 62366, we constantly keep usability in mind. Combined with comprehensive quality assurance at every stage of production, this ensures extremely high operational safety, low maintenance requirements and a long lifespan, no matter which model you choose.



Swivelling patient bed



Swivelling laser arm

### Attention to detail makes the difference

The convenient 90° swivelling laser arm on the AMARIS 1050RS and 750S models facilitates the preparation of the patient, as well as the use of other medical devices.

Another very useful feature of all the AMARIS models is a motorised swivelling patient bed, which allows further stages of surgery without having to change the patient's position.

The touch screen enables simple software operation. The monitor can be adjusted in every direction – making it easy for your assistant to work with. An additional display in the surgeon's field of view always shows the most important information.