



# Innovation for your successful disc production.

In optical disc manufacturing, your moulds are decisive for productivity and results. Axxicon moulds are perfectly matched to your line and custom designed for your specific moulding machine, with moulding processes developed in our Disc Technology Center. We always provide the best solution for each disc format, and each type of machine.

**State-of-the-art moulds for world-class disc production.** Axxicon has a proven track record in delivering moulds for world-class optical disc production. We continuously improve our hardware and processes in a close learning loop. That enables us to supply moulds that meet the latest technical specifications and offer consistently outstanding results.

**Technical leadership plus operational excellence.** Our combination of technical leadership and operational excellence guarantees you maximum yields, a trouble-free process and excellent disc properties.



## KNOW-HOW

## TO PERFORM



**Enhanced process performance and lowest cost per unit.** Today, for the latest disc performance levels and formats such as Blu-ray, we continue to offer innovations to optimize your process performance and reduce cost per unit. The unique thermal concept ensures maximum reliability, plus high durability. While our latest STX and SFX moulds use new materials and coatings, plus further improved finishing of the most critical mould parts, for high productivity plus excellent disc quality.

**Close customer support for competitive production.** Competitive production takes more than the best moulds. It also demands close customer support, in a partnership to cut time to market, maximize cost-effectiveness and maintain the highest quality. Our development team will work closely with you, from initial idea right through the product life-cycle. That ensures exactly the right mould for your process; whether standard or custom-made.

**AXXICON**

*we're in it for you*



## next-generation Axxicon X-Technology

## STX & SFX moulds

Based on the proven ST and SF technology, Axxicon introduces a new generation of moulds which are ready for the future. New disc and market developments require continuous innovations in moulding technology. New formats such as **Blu-ray** are introduced, while current formats are in ongoing development. Cycle-time reduction is an ongoing market demand.

With X-Technology, Axxicon introduces the use of new materials, coatings as well as finishing methods for critical mould parts. This new mould generation meets all these new market demands and disc specifications.

Simple and reliable. **STX & SFX: the perfect match for each format/machine combination.**

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### FEATURES

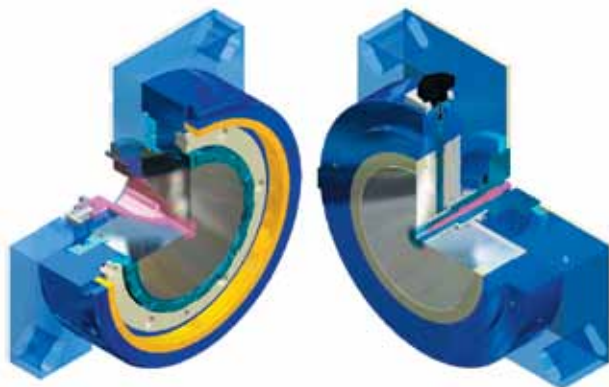
- Open mould guiding system SCS<sup>®</sup> (Spring Centering System) for perfect moulding accuracy and excellent ECC values
- Ejector sleeve for secure disc take-out
- Thermal management for excellent disc properties
- New coating and materials for reliable operation
- STX series:  
stamper on moving side
- SFX series:  
stamper on fixed side

### BENEFITS

- Lowest cost of ownership
- Fully interchangeable parts
- Constant mould guiding during injection and demoulding process
- Simple design and resulting low maintenance and high durability of parts
- Optimized mechanical concept for reliable operation
- Flat nozzle with pre-centering system

### APPLICATIONS

- For all optical media formats
- Open nozzle (Soft Cut<sup>®</sup>) or shut-off nozzle configuration
- STX and SFX series are customer designed for your specific moulding machine
- Consult Axxicon for your application and we will advise you on your perfect match



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