



FOR ANY
PROFILE IN ANY
INDUSTRY

THE SCHIRMER THROUGH-FEED FABRICATION
CENTRES FOR ALUMINIUM PROFILES

SCHIRMER

Profile Processing Technology



THE SCHIRMER THROUGH-FEED FAB CENTRES. MAXIMUM FLEXIBILITY, QUALITY AND SPEED.

EXCELLENT FINISH QUALITY

The technology:

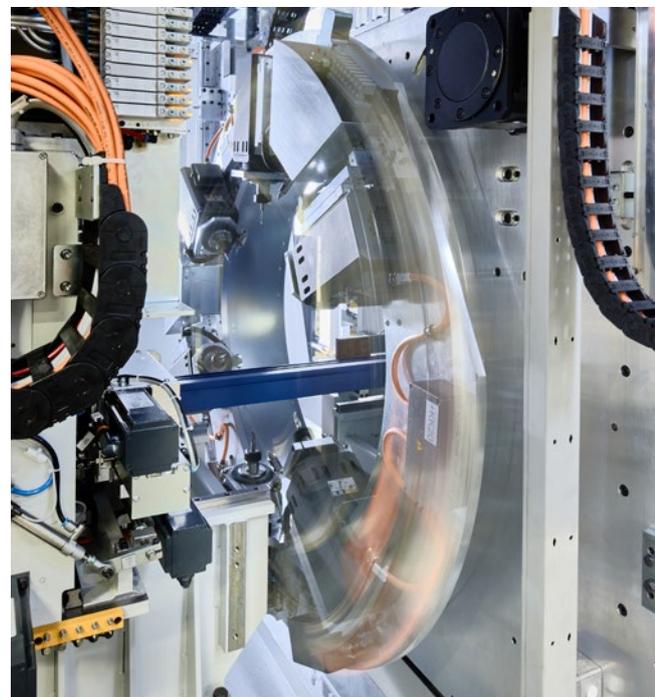
- | Optimum clamping position
- | Variable clamping force
- | Profile feed during milling by clamps

The effect:

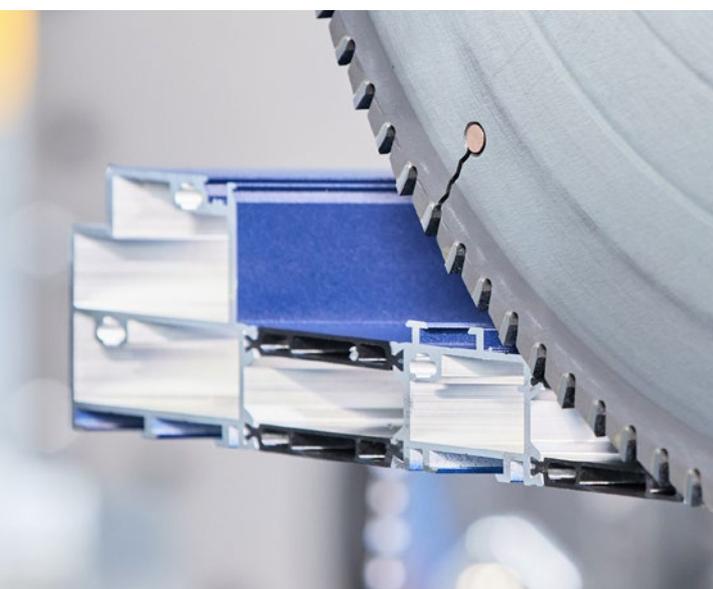
- | Very low vibrations
- | Avoiding clamping errors
- | Immaculate profiles without scratches, chatter marks or burrs

Your benefit:

- Manufacturing with the tightest tolerances
- Impressive visual quality
- Reduced reject rate



Rapid rotating turret with highly optimized motion paths and optimum tools for the shortest cycle times



First-class cutting quality thanks to the sophisticated Schirmer clamping technology



Vertical and horizontal sawing units for complex cutting, notching and combinations

UNPARALLELED FLEXIBILITY

The technology:

- | NC-controlled profile support/guide rollers adjust to any profile shape
- | NC-controlled profile rotating device
- | State-of-the-art servo technology with numerous axes for guiding, clamping, gripping and machining

The effect:

- | Virtually any profile is feasible
- | No time-consuming and costly changeovers

Your benefit:

- Maximum Return on Investment
- Maximum flexible manufacturing for future, unknown profiles



2 separate servo vertical clamps for optimum clamping



Guiding elements and clamps adapted to wide, flat profile



Guiding elements and clamps adapted to complex window sash profile

HIGH SPEED

The technology:

- | Intelligent clamping system
- | Short clamping strokes
- | Optimum tools

The effect:

- | High feed rates with very low vibrations
- | Optimized synchronous movements

Your benefit:

- Higher output
- Minimized cost per part
- Increased efficiency

TAILOR-MADE SOLUTIONS FOR INDIVIDUAL PRODUCTION

NEEDS THANKS TO THE EXCEPTIONAL AUTOMATION CAPABILITY

By combining proven standard modules, specific fab centres can be configured which are perfectly adapted to your requirements.

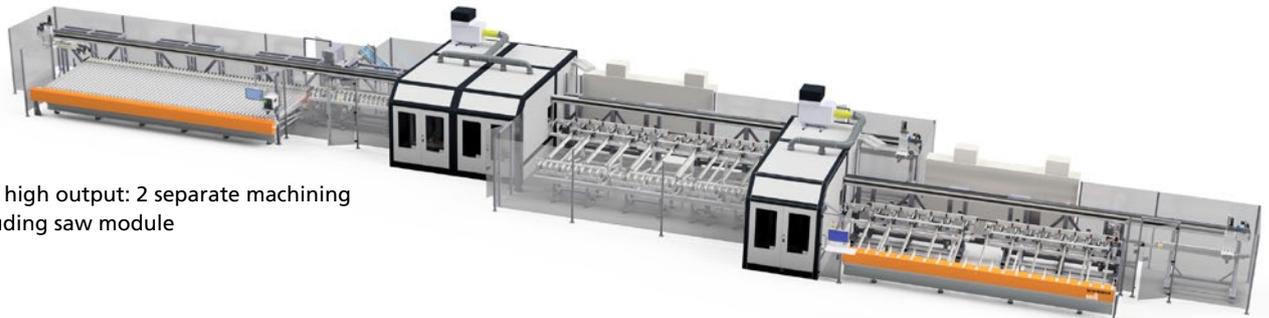
Alu-BAZ: Standard machine



Alu-BAZ with high autonomy: Loading magazine with 20 places and inline outfeed conveyor



Alu-BAZ with high output: 2 separate machining modules including saw module



LEAN MORE ABOUT THE MODULAR

ALUMINIUM THROUGH-FEED FAB CENTRES

FROM SCHIRMER.

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