

# TORNOS



*Precision, simplicity,  
performance*

## TORNOS ROBObAR

# Integrated bar feeders

Tornos Robobar SBF 216 &  
Tornos Robobar SBF 532

*Tornos offers a complete range of Tornos Robobar bar feeders, designed to perfectly complement our Swiss-type lathes. With solutions for both integrated and classical configurations, the Tornos Robobar line delivers precision, reliability, and flexibility across a wide diameter range. All models are available in 3 m, 4 m, and 12-foot versions.*



## Optimized for EvoDECO

*Developed in harmony with the EvoDECO range, the Tornos Robobar SBF 216 and the Tornos Robobar SBF 532 integrate directly into the machine's CNC. This seamless interface simplifies programming and ensures maximum compatibility.*

## Fast and flexible

*A multiple-capacity guide channel and interchangeable push-rod system allow quick diameter changes without handling bulky guide tubes. Operators save time and reduce set-up complexity, while the compact footprint keeps the bar close to the headstock, minimizing the risk of deformation at high speeds.*

## High performance

- **Tornos Robobar SBF 216**  
2 – 14 mm (16 mm with preparation),  
up to 16 000 rpm,  
magazine capacity up to 150 bars Ø 2 mm.
- **Tornos Robobar SBF 532**  
5 – 32 mm, up to 10 000 rpm,  
magazine capacity up to 55 bars Ø 5 mm

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# Classical bar feeders

Tornos Robobar SBF 213 / SBF 326 / SBF 542

*For a wide variety of Swiss-type machines, Tornos offers robust classical feeders with their own control systems and conventional guide channels. These units are engineered for productivity, flexibility, and operator convenience.*



## **Tornos Robobar SBF 213**

- **Diameter range:** 2 – 13 mm.
- **Compatible machines:** Swiss DT 7, Swiss DT 10, SwissNano 7, SwissNano 10, Swiss DT 13 S, Swiss DT 13 HP, Swiss GT 13.
- **Highlights:** Compact design for small diameters, high-density spiral magazine (up to 30 bars < Ø 7 mm), hydrodynamic oil guidance for stability at high rpm.

## **Tornos Robobar SBF 326**

- **Diameter range:** 3 – 26 mm.
- **Compatible machines:** Swiss DT 26 S, Swiss DT 26 HP, Swiss DT 26/6 HP, Swiss GT 26, Swiss XT 16, Swiss XT 26, EvoDECO 20, EvoDECO 16.
- **Highlights:** Supports long bar lengths (up to 12'), advanced vibration damping, quick channel changeover, optional Z-axis retraction for easier machine access.

## **Tornos Robobar SBF 542**

- **Diameter range:** 4 – 42 mm.
- **Compatible machines:** Swiss DT 32, Swiss DT 38, Swiss XT 32, Swiss GT 32, SwissDECO 36, EvoDECO 32.
- **Highlights:** Compact, rigid base for stability, patented guiding system for high-speed accuracy, tool-less diameter changeover in minutes, designed for both short and long production runs.

## **Shared features across the range**

- **Hydrodynamic guidance** for low-vibration, high-speed machining.
- **Rapid changeovers:** guide channels and pushers can be swapped quickly without tools (2–10 minutes depending on model).
- **Ergonomic control panels** with intuitive operation and alarm monitoring.
- **Safe remnant handling** with reliable extraction and optional self-centring front rests.
- **Compact footprints** to save valuable floor space.

## **The Tornos advantage**

Choosing a Tornos Robobar means choosing equipment designed to work as one with your machine. From ultra-compact, CNC-integrated feeders for EvoDECO to versatile classical models covering diameters up to 32 mm, Tornos ensures you benefit from:

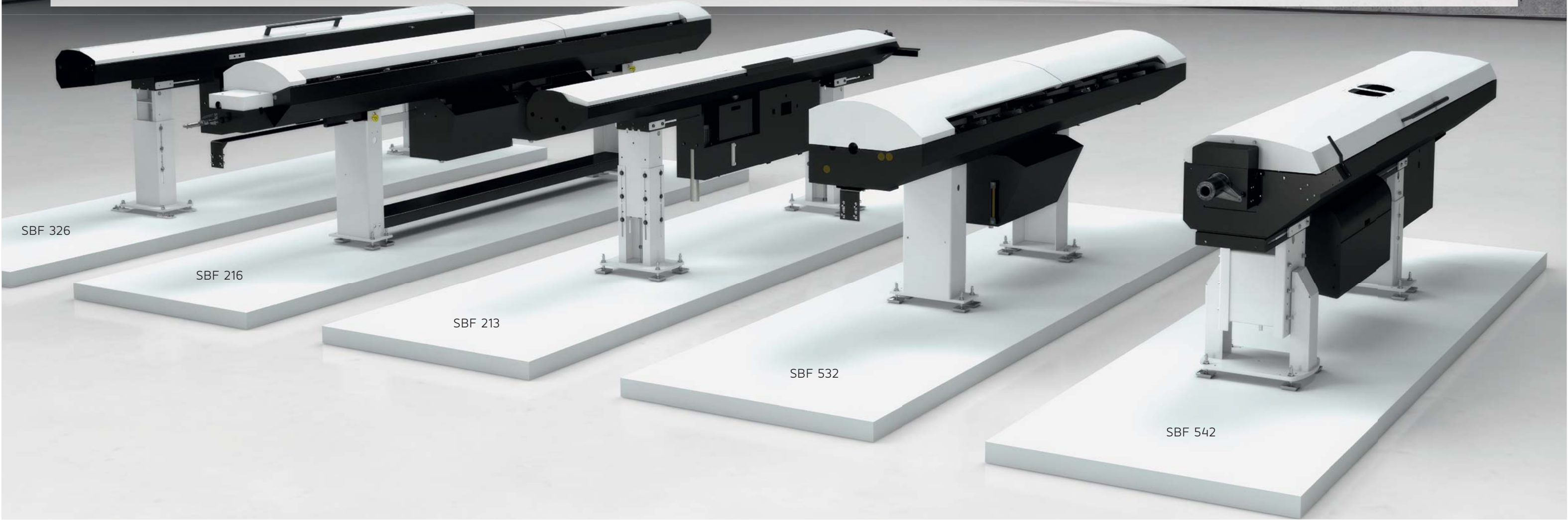
- Maximum productivity with minimal downtime.
- Simple, operator-friendly controls.
- Wide compatibility across the Tornos Swiss range.
- Global service and support.

**Tornos Robobar – engineered to keep your production running at peak performance.**



# Robobar range

Model	Compatible machines	Bar diameter range	Bar length versions	Magazine capacity	Guidance system	Control	Notable features
<b>Tornos Robobar SBF 216</b>	EvoDECO 10, EvoDECO 16	2 – 14 mm (16 mm with preparation)	3 m / 4 m	Up to 18 bars Ø 16 mm / 150 bars Ø 2 mm	Oil-bath hydrodynamic	Integrated (machine CNC)	Multiple-capacity guide channel, interchangeable push rods, compact footprint
<b>Tornos Robobar SBF 532</b>	DECO 20, DECO 26, Sigma 20, Sigma 32	5 – 32 mm	3 m / 4 m	Up to 8 bars Ø 32 mm / 55 bars Ø 5 mm	Oil-bath hydrodynamic	Integrated (machine CNC)	Wide diameter range, robust magazine, compact design
<b>Tornos Robobar SBF 213</b>	Swiss DT 7, Swiss DT 10, SwissNano 7, SwissNano 10, Swiss DT 13 S, Swiss DT 13 HP, Swiss GT 13	1 – 13 mm	3 m / 4 m / 12'	Spiral magazine: up to 30 bars < Ø 7 mm, 15 bars ≥ Ø 7 mm	Hydrodynamic oil guidance	Independent control	Compact design for small diameters, dual-channel guiding, no magazine adjustment required
<b>Tornos Robobar SBF 326</b>	Swiss DT 26 S, Swiss DT 26 HP, Swiss DT 26/6 HP, Swiss GT 26, Swiss XT 16, Swiss XT 26, EvoDECO 20, EvoDECO 16	3 – 26 mm	3 m / 4 m / 12'	High-capacity magazine (long bars supported)	Hydrodynamic guide channels	Independent control	Anti-vibration system, optional Z-axis retraction, fast channel changeover
<b>Tornos Robobar SBF 542</b>	Swiss DT 32, Swiss DT 38, Swiss XT 32, Swiss GT 32, SwissDECO 36, EvoDECO 32	4 – 32 mm	3 m / 4 m / 12'	High-capacity magazine	Advanced guiding channels with patented damping	Independent control	Tool-less changeover (< 7 minutes), compact rigid base stability at high spindle speeds



We keep you turning

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Tornos  
throughout  
the world

