



SBF 210 / SBF 216 / SBF 532

Integrated bar feeders for single spindle lathes



THINK PARTS THINK TORNOS

A RADICAL NEW DESIGN !

Three bar feeders that fully complement the capacities of DECO lathes !

Tornos introduces three bar feeders, 100% designed and developed in harmony with the machines for which they are intended !

- The customer is guaranteed that the bar feed system compliments the capacities of the lathes for which they were designed
- Adopt a dedicated bar feeder! This new complete machining solution is your performance guarantee for your DECO lathe

Robobar SBF: your benefits !

Maximised use of the DECO...

This joint upgrade, which takes account of all the interactions between machine and bar feeder, eliminates all problems associated with incorporation and compromise inherent in the usual "universal".

Fail-safe operation...

The bar feed's control functions are provided by the PNC-DECO machine control, which considerably simplifies the interface between machine and bar feeder, whilst eradicating any risks of incompatibility.

Significant time saving...

The use of a "multiple capacity guide channel" and the choice of 4 interchangeable push rod sizes, operated by a simple latching mechanism, keep unnecessary handling to a minimum and reduce substantially the set-up and change-over time.

Ingenuity at your service...

The reduced space between the sliding headstock and bar feeder assures trouble-free operation and without risk of bar deformation.

No costs, no equipment storage...

The new Robobars do not require the use of numerous costly options since the guide channels and pushers correspond to the machine capacity and are supplied as standard.

Maximum production...

With this latest technology, TORNOS provides "optimum customer convenience" coupled with a superb price to performance ratio.

ROBOBAR SBF 210 / SBF 216 / SBF 532

- Reduced space requirement
- Optimum integration
- Guaranteed bar guidance
- Machine integrated control*
- Easy handling and programming
- Joint development between machine and barfeed
- Sole supplier responsibility for machine and bar feeder

** except for the Robobar SBF 210, which has a bar feed mounted control panel*

SBF 216



TECHNICAL CHARACTERISTICS

	SBF 216
Machines	DECO 7/10a DECO 13a
Min. bar passage	2 mm
Max. bar passage without preparation	14 mm
with preparation	16 mm
All capacities with a single bar guide	2 - 4 (5) mm 4 - 5,5 (7) mm 5,5 - 8 (10) mm 8 - 14 (16) mm
System	Oil bath
Round, hexagonal and square bar change-over	Yes
Bar length	3 m, 4 m
Bar Remnant extraction	From rear
Bar storage (slope) capacity	18 bars with Ø 16 mm 150 bars with Ø 2 mm
Max. speed of bar rotation	16'000 rpm
Electrical power requirement	1,5 kW
Lubrication tank capacity	50 litres
Adjustable guide steady	Yes
Incorporated extension	Yes
Complies with CE/CEM standards	Yes
Weight	720 / 850 / 900 kg
Pneumatic pressure requirement	6 bars

SBF 532



TECHNICAL CHARACTERISTICS

	SBF 532
Machines	DECO 20a DECO 26a
Min. bar passage	5 mm
Max. bar passage without preparation	29 mm
with preparation	32 mm
All capacities with a single bar guide	5 - 8 (10) mm 8 - 13 (16) mm 13 - 17,5 (20) mm 13 - 22,5 (26) mm 22,5 - 29 mm
System	Oil bath
Round, hexagonal and square bar change-over	Yes
Bar length	3 m, 4 m
Bar Remnant extraction	From rear
Bar storage (slope) capacity	8 bars with Ø 32 mm 55 bars with Ø 5 mm
Max. speed of bar rotation	10'000 rpm
Electrical power requirement	1,5 kW
Lubrication tank capacity	70 litres
Adjustable guide steady	Yes
Incorporated extension	Yes
Complies with CE/CEM standards	Yes
Weight	720 / 850 / 900 kg
Pneumatic pressure requirement	6 bars

SBF 210



TECHNICAL CHARACTERISTICS

	SBF 210
Machine	DECO Sigma 8
Min. bar passage	2 mm
Max. bar passage without preparation	8 mm
with preparation	10 mm
All capacities with two bar guide	2 - 6 (7) mm 4 - 8 (10) mm
System	Oil bath
Round, hexagonal and square bar change-over	Yes
Bar length	2,5 m, 3 m, 12' (3,65 m), 4 m
Bar Remnant extraction	From rear or from front
Bar storage (slope) capacity	20 bars with Ø 2 - 10 mm (screw)
Max. speed of bar rotation	15'000 rpm
Electrical power requirement	1,5 kW
Lubrication tank capacity	40 litres
Adjustable guide steady	No
Incorporated extension	No
Complies with CE/CEM standards	Yes
Weight	378 / 410 / 435 / 460 kg
Pneumatic pressure requirement	6 bars



Do you require further information?
Please do not hesitate to contact our specialists
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Conforms to the European CE/CEM Safety Standards

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