



TORNOS

ROBOBAR



SBF-216

SBF-532

ADDITIONAL BAR FEEDERS
FOR DECO SINGLE SPINDLE LATHES

Additional bar feeders for DECO single spindle lathes ROBOBAR SBF-216 and SBF-532

A radical new design !

Two bar feeders that admirably complement the capacities of DECO lathes !

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

- Your guarantee that the feed system complies exactly with the capacities of the lathes for which they were designed !
- Adopt a dedicated bar feeder! This new complete machining solution is your performance guarantee of your DECO lathe.

ROBOBAR SBF: the benefits to you !

Maximised use of the DECO...

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

Fail-safe operation...

The bar feeder 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 guide channel" and the choice of an interchangeable pusher, operated by latching mechanism, reduce unnecessary handling to a minimum and increase the speed of capacity changes when putting into service.

Ingenuity at your service...

The reduced space between the tail stock and bar feeder is also an assurance of trouble-free operation 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 upgrade, TORNOS provides "optimum customer convenience" coupled with a very good quality-to-price ratio.

EASY

QUICK

FULLY INTEGRATED SYSTEM: N

216



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ROBOBAR SBF-216 / SBF-532

- ✓ Reduced space requirement.
- ✓ Optimum integration.
- ✓ Guaranteed bar guide.
- ✓ Machine incorporated control.
- ✓ Easy handling and programming.
- ✓ Joint development.
- ✓ Only one supplier for machine and bar feeder.

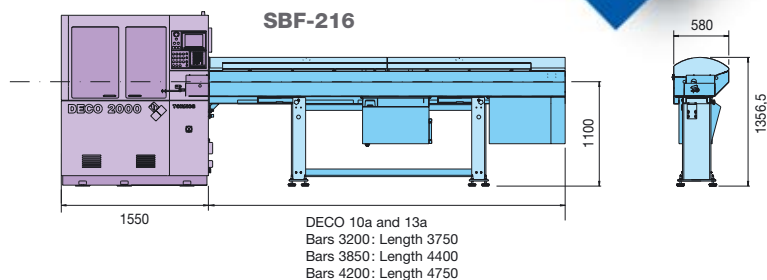
NO COSTLY OPTIONS NECESSARY!

EFFICIENT

«TROUBLE-FREE»

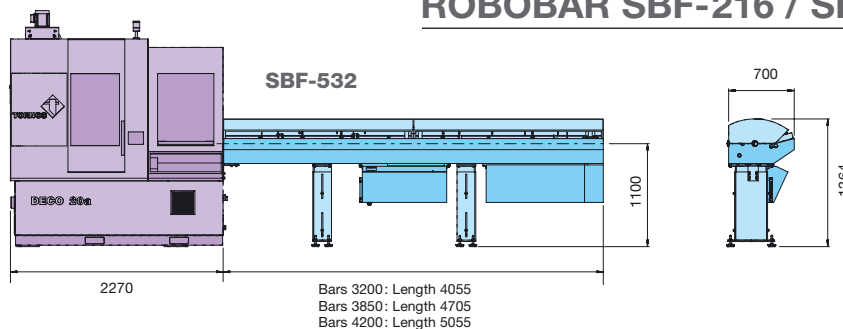


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DECO 10a and 13a
Bars 3200: Length 3750
Bars 3850: Length 4400
Bars 4200: Length 4750

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Bars 3200: Length 4055
Bars 3850: Length 4705
Bars 4200: Length 5055

Technical characteristics

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Machine

DECO 7/10a
DECO 13a

DECO 20a
DECO 26a

Minimum bar passage

2 mm

5 mm

Maximum bar passage

- without preparation
- with preparation

14 mm
16 mm

29 mm
32 mm

All capacities

2 – 4 mm (5.5 mm)
4 – 5.5 mm (7 mm)
5.5 – 8 mm (10 mm)
8 – 14 mm (16 mm)

5 – 8 mm (10 mm)
8 – 13 mm (16 mm)
13 – 17.5 mm (20 mm)
13 – 22.5 mm (26 mm)
22.5 – 29 mm (29 mm)

As a single bar guide

System

oil bath

oil bath

Round, hexagonal and square bar change-over

yes

yes

Bar length

3 m, 12' (3 m 65), 4 m
from rear

3 m, 12' (3 m 65), 4 m
from rear

Chute extraction

18 bars with Ø 16

8 bars with Ø 32

Slope capacity

150 bars with Ø 2

55 bars with Ø 5

Max. bar speed of rotation

16,000 rpm

10,000 rpm

Electrical power required

1.5 kW

1.5 kW

Lubrication tank

50 litres

70 litres

Adjustable guide steady

yes

yes

Incorporated extension

yes

yes

Complies with CE/CEM standards

yes

yes

Weight

720 / 850 / 900 kg

820 / 950 / 1000 kg



Conforms to the European CE/CEM Safety Standards

This document is based on information available at the time of this publication. While efforts have been made to be accurate, the information contained herein does not purport to cover all details or variations in hardware and software, nor to provide for every possible contingency in connection with installation, operation and maintenance.

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ROBOBAR SBF-216 / SBF-532

The best way of benefiting from all the power provided by the DECO!

Do you require further information?

Please do not hesitate to contact our specialists at the following address.

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