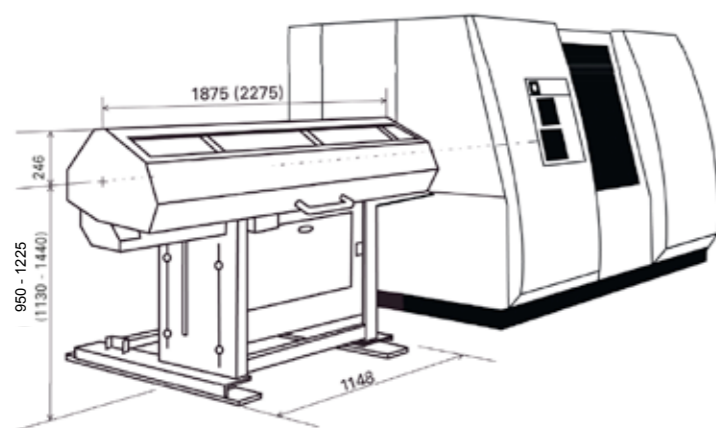


Develops in Switzerland!  
From inventor of the short barfeeder

## Technical data



### Specification **MULTI-3000**

|                           |   |  |
|---------------------------|---|--|
| Capacity                  | round bars Ø<br>hex bars<br>square bars<br>bar length | 5 to 55 / 65 / 80 mm<br>5 to 47 / 56 / 70 mm<br>on request<br>150 up to 1240 / 1640 mm<br>restricted to spindle length |
| Safety                    | corresponding to<br>electrical conformity             | Machinery Directive<br>2006/42/EG<br>EC & EMC  |
| Electrical<br>Connections | supply<br>Secondary<br>keyboard, display              | 200 to 415 VAC<br>24/5 VDC<br>4 lines - 20 characters<br>LCD backlit   |
| Language                  | programming<br>operator menu                          | IEC 1131-3<br>multilingual   |
| Loading system            | material selection<br>material feed                   | reduction gear motor<br>Servo drive  |
| Fast speed                | for pusher<br>pusher carriage<br>guide way            | 60 m/min.<br>on bearings<br>hardened   |
| Material<br>positioning   | at material loading<br>at material feed               | ± 0.5 mm <sup>1</sup><br>± 0.2 mm <sup>1</sup>   |
| Textured paint            | complete unit   | RAL 9018 papyrus white   |
| Net / gross weight        | netto / brutto  | 390 / 560 kg   |

<sup>1</sup> Data applies to chuck / collet closing systems by traction tube withdrawal

Samsys GmbH offers to all their sold products ever-present spare parts, including the brand Sameca. Our team possess the necessary know-how to support you in your service queries for all of our 30 years produced barfeeder systems.

Your distributor



SAMSYS GmbH  
Obere Schanzenstr. 1-7 | D-55232 Alzey  
Tel.: +49 (0) 6731 / 99 89 95-0 | Fax: +49 (0) 6731 / 45 33 6  
E-Mail: contact@samsys.eu | [www.samsys.eu](http://www.samsys.eu)

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# MULTI-3000

A profitable investment



Technically always one  
step ahead

- » 100% electrically operated
- » Robust, reliable
- » Easy handling
- » Highly productive
- » Proven
- » Fast

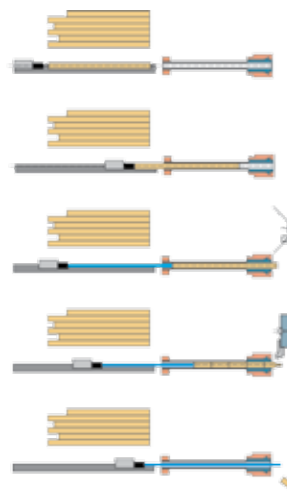
feeding the performance

[www.samsys.eu](http://www.samsys.eu)

# MULTI-3000

PRECISE AND EXTREMELY POWERFUL!

FAST & EASY HANDLING



## Loading cycle

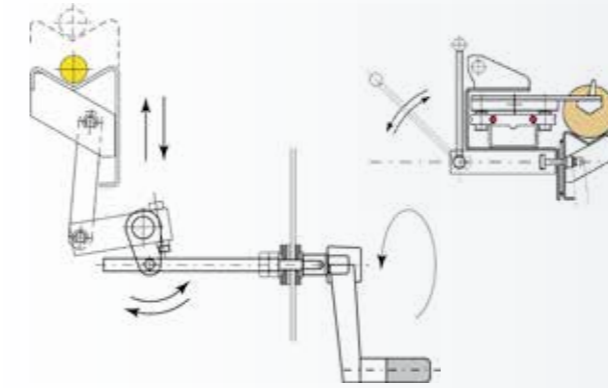
- » Loading of the bar on the V loader
- » First introduction
- » Positioning without turret stop
- » Feed with or without turret stop
- » Ejection of remnant

## No impact on the lathe

V loader remains fixed and perfectly aligned with the lathe spindle during the barfeed cycle.

» No risk of impact by the bar on the lathe clamping cylinder

» The "Servo" permits accurate positioning of the bar without turret stop

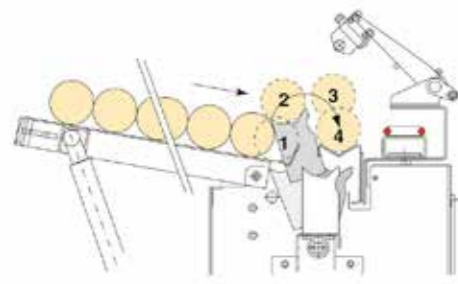


## Set up in 2 to 5 minutes

- » Unlock and lower V loader
- » Replace spindle reduction sleeve
- » Raise V loader, center new bar, lock V loader
- » Move table or adjust loading grippers according to the new bar
- » Enter part parameters

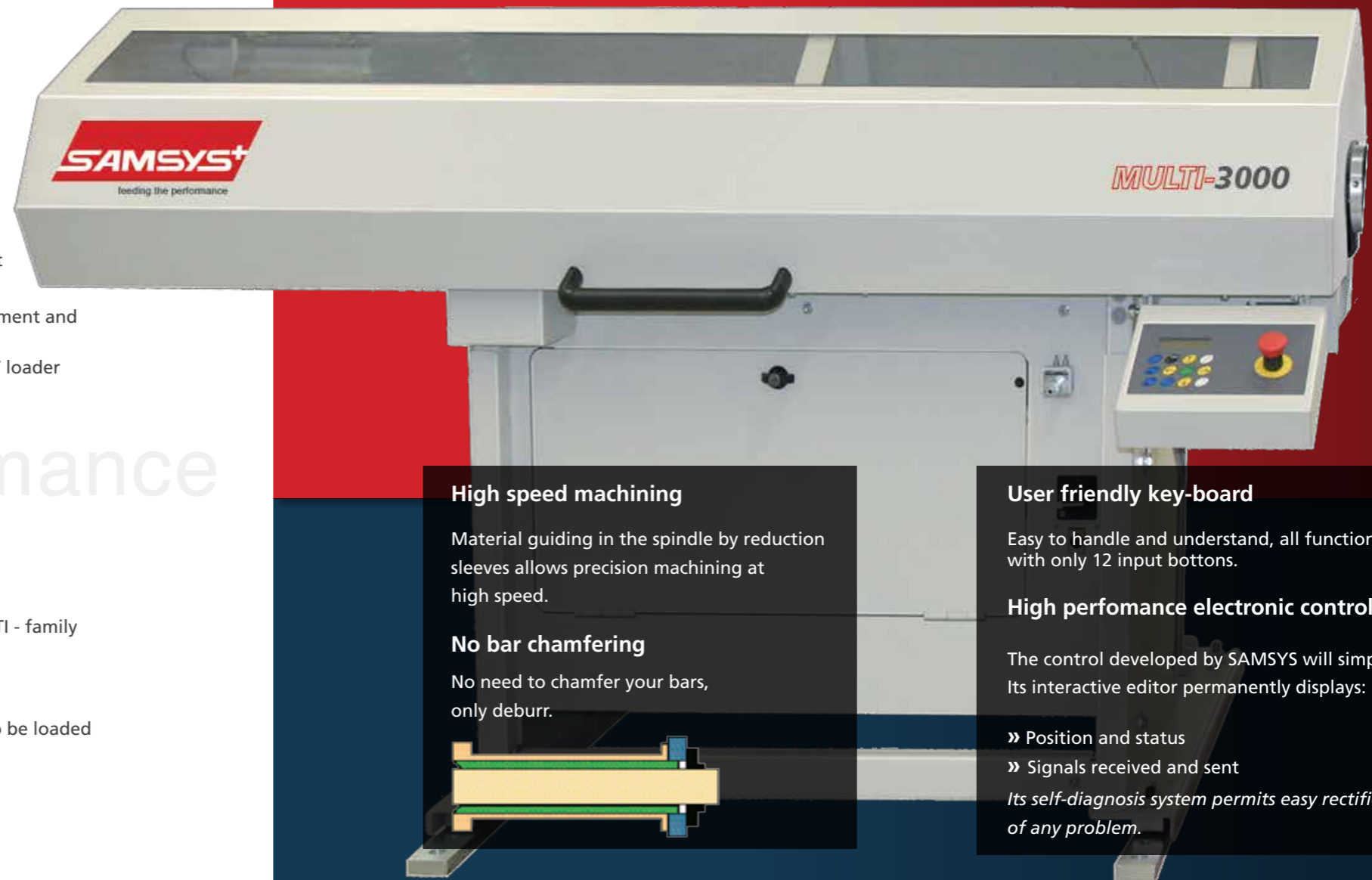
## Easy access for quick changeover

Easy change of spindle reduction sleeve up to Ø 120 mm without retracting barfeeder!



## No impact on the bar feeder

- » Unique loading cycle by rotary movement
- » Accurate bar selection
- » Bars stored on the table follow the movement and are retained by the selector grips
- » The selected bar is gently placed on the V loader

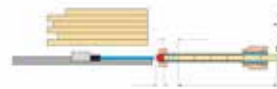


feeding the performance

## Versatile



## Shortest Leftovers



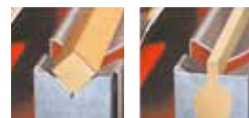
## Download your bars and shafts!

» Automatic reload of the bars and shafts, with MULTI - family is just a simple question of parameter alteration

» MULTI-3000 accomodates bars of varying lengths to be loaded succussfully and minimize remnant length  
(This requires a software adjustment on the lathe!)



OK OK



Option Option

## MULTI-profile V-loader

» From round rods and profile without changing channels

» Special profiles on request

## High speed machining

Material guiding in the spindle by reduction sleeves allows precision machining at high speed.

## No bar chamfering

No need to chamfer your bars, only deburr.



## User friendly key-board

Easy to handle and understand, all functions are controlled with only 12 input buttons.

## High performance electronic control

The control developed by SAMSYS will simplify use. Its interactive editor permanently displays:

- » Position and status
  - » Signals received and sent
- Its self-diagnosis system permits easy rectification of any problem.

## Advantages of the automated production of MULTI 3000

Extremely Powerful! Low production costs! High productivity!