



feeding the performance

THE PIONEER IN SHORT BAR LOADERS AND FEEDERS



LOAD SUCCESSFULLY WITH SAMSYS SYSTEMS

A profitable investment for every size of company.

www.samsys.eu

PHILOSOPHY

At SAMSYS, we are committed to manufacturing innovative products of the highest quality. Together with our partners, we provide innovations distinguished by their precision and cost effectiveness. Our approach is based on close cooperation with clients, which has ensured our long-term success as a company.

We live with by the following motto: "Exceeding the customer's requirements and producing top-quality products. Serving satisfied clients of all sizes and in all branches of industry."



Jo Braun
CEO

Your employees will love working with Samsys machines.

EVEN LONGER LASTING QUALITY!

Development. Construction. Service. Trust in the SAMSYS complete solution.

- ▶ The quality management of our products guarantees a smooth workflow at your company.
- ▶ Trained engineers and specialists are at your disposal.
- ▶ Continuous quality improvement and further development of our products.
- ▶ We offer regular trainings and further education with main focus on operation, efficiency and profitability of our products – also available at your place.

SUCCESSFUL UPLOAD

THE COMPANY

SAMSYS GmbH – The Pioneer in Short Bar Loaders and Feeders.

SAMSYS is a dynamic company, full of new ideas and high-quality products. Today's SAMSYS GmbH was originally founded by the Swiss company SAMSYS SA (then: SAMECA SA) and has extensive experience in the area of bar feeders and loading magazines.

SAMSYS products are known for their reliability. For this reason, SAMSYS is preferred by manufacturers of the highest quality precision-turned parts. Our customers demand a high degree of automation in their machinery as well as economically efficient production processes. SAMSYS bar feeders will increase your company's productivity, which will in turn lower your unit cost.

„We help make our customers more competitive!“, Jo Braun, CEO



SAMSYS SHORT BAR LOADERS AND FEEDERS - PRECISE AND POWERFUL



OUR SERVICE PARTNER

Alzeyer
Werkzeugmaschinen
Service GmbH



MULTI-3000

Fully electric short bar feeder with servo drive

The Multi-3000 short bar loader impresses with its Performance and high productivity.

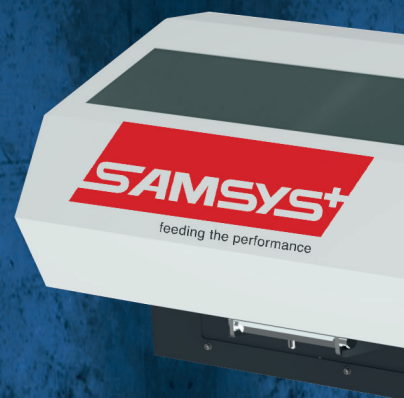
6 good reasons to run short bars

L = 1240 bzw. 1640 mm / Ø 5 mm – Ø 55 / 65 / 80 / 102 mm

- ▶ Reduction of mass in movement.
- ▶ Material guiding in the Spindle enables to utilise full lathe performances.
- ▶ Increase spindle life time.
- ▶ Easy material handling.
- ▶ No bar chamfering.
- ▶ Reduction in ambient noise.

The benefits of **MULTI-3000**

- ▶ A simple, precise and proven concept.
- ▶ Unique, fast and smooth reload cycle.
- ▶ Easiest operation, fast on change over.
- ▶ Polyvalent, reload your round and profi led bars; swiftly change to shaft work if required.
- ▶ Maintenance free, due to its 100% electronic control for reloading and feeding.
- ▶ Environmental friendly.



▶ The brochure with all techn. Data about the Multi-3000SL, you can download on our website:
<http://www.samsys.eu/downloads/>.

More options for the Multi-3000:



Multi-3000remove

Electro-pneumatic controlled unloader



SamSpindle

The high-performance short bar feeder complement.



Samsys-MZ Robot

Ultra high-speed and compact. Latest motion control technology to improve productivity!



MiniShaft Loader

Enabling the loading of shafts from 40 - 250 mm in length - Ø from 5 - 65 mm.



Samsys-MiJET

The parts cleaner. Air driven - no electricity needed



MULTI-3000SL

Short bar feeder

The Multi-3000SL short bar loader impresses with its performance and high productivity.

The key advantages of Short bar feeders

L = 1240 mm / Ø 5 mm – 80 mm

- ▶ Using the Multi-3000SL allows to bridge large distances between machine cover and lathe spindle.

Distances up to 400 mm will be closed without an additional extension. Even 800 mm are possible with an additional extension.

This barfeeder is particularly important for machines with extended travels as well as for the lathes with sub spindle.



The benefits of MULTI-3000SL

- ▶ A simple, safe, efficient solution for bridging large distances between lathe cover and spindle end.
- ▶ Unique, fast and smooth reload cycle.
- ▶ Easiest operation, fast change over.
- ▶ Polyvalent, reload your round and profiled bars; swiftly change to shaft work if required.
- ▶ Maintenance free, due to its 100 % electronic control for reloading and feeding.
- ▶ Environmental friendly.



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More options for the Multi-3000SL:



Multi-3000remove

Electro-pneumatic controlled unloader



Samsys-MZ Robot

Ultra high-speed and compact. Latest motion control technology to improve productivity!



Spindle liner

Spindle liner for draw tubes with a diameter from 38 mm to 100 mm



Samsys-MiJET

The parts cleaner. Air driven - no electricity needed



MULTI-3000remove

Electro-pneumatic controlled unloader - A perfect supplement for Multi-3000

Adjustable spindle high according lathe spindle.

round bars Ø 10 to 102 mm | Profile material 10 to 102 mm (circumscribed circle)
bar length 150 up to 1240 mm, other length on request.

The key advantages of Multi-3000remove

- » *Electro-pneumatic controlled unloader*
- » *Material unloading from the right side*
- » *Storage on slide (Standard)*
- » *Other storage types on request*
- » *Application range: medium to large lot sizes*

Always a gentle way of unloading the work pieces through the machine spindle by gripper, collet or unloading tube.



The brochure with all techn. Data about the Multi-3000remove, you can download on our website:
<http://www.samsys.eu/downloads/>.

More options for the MULTI-3000*remove*:



Multi-3000
Short bar feeder



Multi-3000SL
Short bar feeder



Samsys-Smart
Short bar feeder



Samsys-MiJET
The parts cleaner. Air driven -
no electricity needed



Samsys-Smart

Short bar feeder with servo drive

The Smart short bar loader impresses with its performance across the board.

L = 1200 mm / Ø 5 mm – Ø 65 mm

Your benefits:

- ▶ No special requirements or restrictions on material straightness.
- ▶ Material rotates within machining area and spindle length of lathe.
- ▶ Lathe spindle speed can be maximized.
- ▶ Material can be round or hexagonal.
- ▶ Material length can be uniform or random.
- ▶ Operating and maintaining easily.
- ▶ Small footprint.
- ▶ Affordable investment costs.



Sam-Spindle

The High-Speed Extension

The high-performance spindle extension SamSpindle is the most powerful supplement for short rod feeders and allows you to manipulate rods up to a length of 1.6 meters - even with short headstock.

L = 275 - 950 mm / Ø 15 mm – Ø 65 mm

A safe, simple and clean solution!

SamSpindle operates oil-free.

There is no mechanical link with the lathe. The number of moving parts is kept to a minimum, i. e.

- ▶ The rotating bar.
- ▶ The guide bushes.
- ▶ The interior cage of the ball bearings.

The facts:

- ▶ The bar rotates independently in the axis of the spindle.
- ▶ The masses in movement are reduced to a bare minimum.
- ▶ No friction; the moving parts rotate at a synchronous speed.
- ▶ The vibrations are absorbed by the guide rings and the anti-vibration coatings.
- ▶ The whole interior of the safety cartridge is generously dimensioned.

Sam-Spindle

The ideal supplement for the Multi-3000.



AutoSam 3.26

Hydrodynamic automatic bar feeder

AutoSam 3.26 is an automatic bar feeder with hydrodynamic rod guide for your small, medium and large series - Ideal for connection to sliding head (Swiss-type).

Features:

L = 2200, 2700, 3200, 3700 mm / Ø 3 – Ø 26 mm

- ▶ Hydraulic rod bearing ensures silent turning.
- ▶ Various parameter settings, alarm detection and function display.
- ▶ Employs Mitsubishi AC servomotor to drive.
- ▶ High-density steel structure ensuring rigidity and durability.
- ▶ Mechanical synchronized device to sliding headstock CNC lathe and assures fast and stable feeding.
- ▶ Quick-change guide channel easy and convenient to change.



AutoSam 3.51

Hydrodynamic automatic bar feeder

AutoSam 3.51 an automatic bar feeder with hydrodynamic rod guide for your medium and large series.

Features:

L = 3200 mm / Ø 5 mm – Ø 51 mm

- ▶ Hydraulic rod bearing ensures silent turning.
- ▶ Various parameter settings, alarm detection and function display.
- ▶ Employs Mitsubishi AC servomotor to drive.
- ▶ High-density steel structure ensuring rigidity and durability.
- ▶ Mechanical synchronized device to sliding headstock CNC lathe and assures fast and stable feeding.
- ▶ Quick-change guide channel easy and convenient to change.



Samsys-MZ 03EL / 04 / 07 / 07L

Ultra high-speed and compact!

Latest motion control technology to improve productivity!

- » Smart cable routing
- » Compact and flexible installation
- » Easy programming
- » Multipurpose usage
- » Software Built-In PLC

The SAMSYS MZ is a Product of **NACHI**

Samsys-SR 3 / 5 / 10

We automate success!!

Extremely flexible, light and fitting a variety of applications.

- » Quickly set up
- » Simple programming
- » Flexible use
- » Kollaborierend and safely
- » Fastest Time Automation in the industry

The SAMSYS SR is a Produkt of **UNIVERSAL ROBOTS**



Mini Shaft Loader

The ideal supplement for the Multi-3000

**Enabling the loading of shafts from 40 – 250 mm in length.
Diameter range of 5 - 65mm.**

- » Simple operation
- » Quick mounting and dismounting
- » Shorter loading times in comparison to conventional loading magazines.
- » Set-up and control takes place by the control panel of the barfeeder magazine.
- » Installation of the mini shaft load takes place by only one power plug



Spindle liner for lathe spindle

Spindle liner for draw tubes with a diameter from 38 mm to 100 mm

- » Rapid mounting and dismounting
- » Simple adjustment of the bars' diameters
- » Enabling the loading of bars of 1 meter length for short spindles (800 mm)
- » Flexibly deployable for round, hexagonal, square, and special material

More safety in production.



Clean parts, clean air. MiJET. The parts cleaner.



- ✓ Air driven - no electricity needed
- ✓ Lubricants and scraps can be recycled
- ✓ One-Touch operation
- ✓ MiJET saves money

„MiJET units, powered by air, are used near CNC machines or inspection stations to clean oily residue and chips from parts, they capture that residue with vacuum into a container for recycling.“

Please contact us for further information about our products!



Your sales partner for Germany
Phone: +49 (0) 6731 / 99 89 95-0
www.samsys-mijet.de



„MiJET protects the environment and the health of your employees.“

Jo Braun, CEO, Samsys GmbH

SAMSYS GmbH - Service & Support

Spare Parts

Our products don't require any special maintenance. Nevertheless, should you have any specific technical problems or you need the appropriate replacement part, so our competent service team at your disposal. This applies both to Samsys products and for products Sameca.

Samsys offers a variety of spare and wear parts, which can be delivered by our logistics partners just in time.

Customer Service

Our telephone customer service is available weekdays from 8:00 am - 18:00h available for free. For questions, change requests, appointments or emergencies, we are here for you.

This applies both to SAMSYS and for SAMECA products.

Training & Further Education

We are offering efficient training, which are targeted at operation, efficiency and profitability of our products - also at your site. Learn more about the options bar machining, trends and possible solutions for your specific needs.

Our professional training team is at your disposal for this purpose.

For more information on our service & support services, please contact:

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YOUR PARTNER FOR LOADING AND UNLOADING SYSTEMS



feeding the performance

SAMSYS GmbH

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