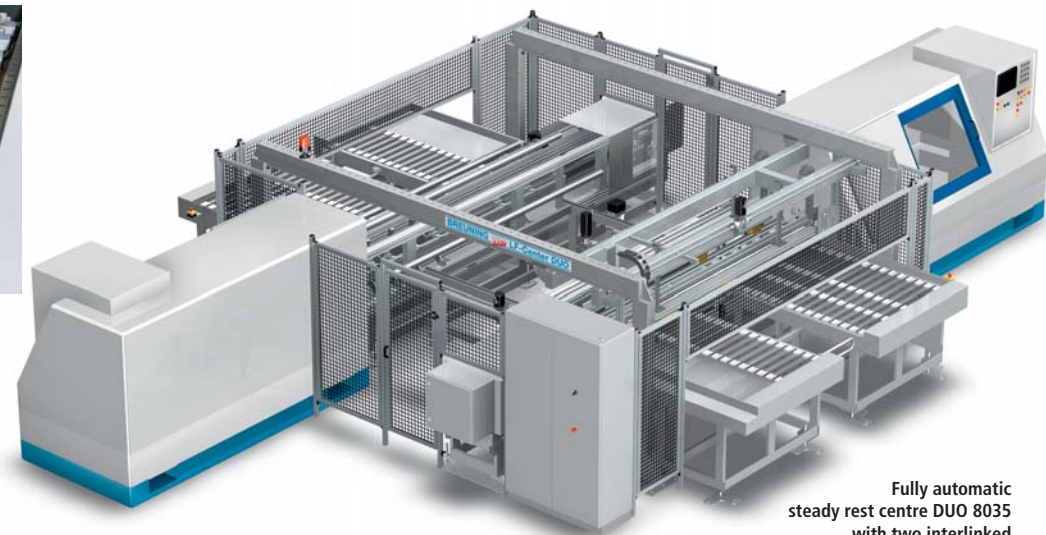


Steady rest centre for highly rational bar end operation with long workpieces

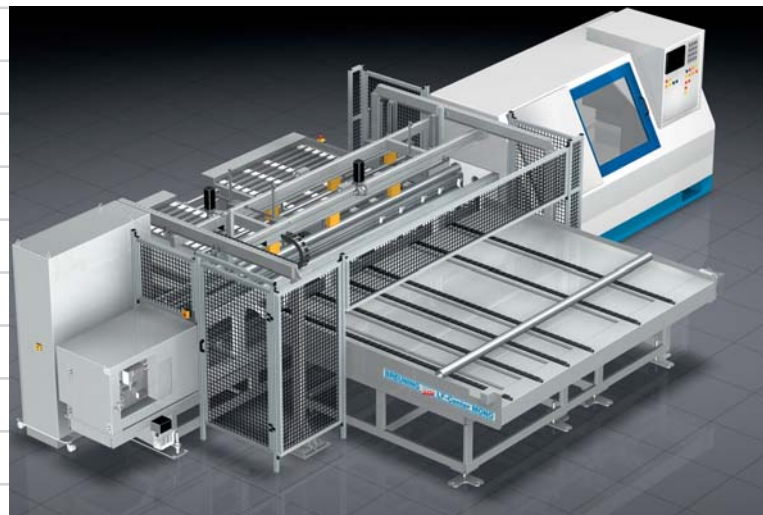


Steady rest guiding system LF
In figure:
Open steady rests and integrated loading gantry with magnetic holder



Fully automatic steady rest centre DUO 8035 with two interlinked LF Auto 8035

Steady rest centre MONO 10035 with loading gantry for automatic loading and unloading



The steady rest guiding system LF enables a perfect extension of the lathe spindle for bar end operation or for finishing long workpieces.

The steady rest guiding system LF can be combined with a loading gantry, loading table/indexed loading conveyor and unloading conveyor to form a fully automatic loading and unloading steady rest centre.

The steady rest centre ensures careful workpiece handling, resulting in reliable prevention of problematical micro damage.

Material diameters: 20 to 125 mm

Even more power

Extended production standard through use of workpiece bars up to 6 (10) m long



Bar stock for turning has long stopped being restricted to the typical 3.000 mm length. Four and six meter long bars are available as alternatives in almost all cases. BREUNING-IRCO has responded to this development. There is a choice of sizes between 3, 4 and 6 meters for all loading magazines. Customised loading magazines for overlengths like 10 or 12 meters can also be manufactured on an individual basis.

Using longer bar stock minimises the amount of remnant considerably. It can therefore be worthwhile to change to a longer bar format.



ecoPROFI for 6 m long workpiece bars.
In figure:
Material diameters to 50 mm



ILS-SB-TBL for 6 m long extruded sections.
In figure:
Material diameters to 130 mm



SiMag for 6 m long workpiece bars.
In figure:
Material diameters to 130 mm

INFO

Technological advice from the manufacturer

BREUNING offers expert know-how and competence for rationalisation with a range of perfectly matched loading and unloading equipment.

If you are thinking about automating your turning operations, we recommend you contact us early on in your project for orientation talks with our technology consultants so that you can fully exploit the often 'hidden' resources of full lathe automation.

The application magazine THE REPORT ON EXPERIENCE provides information on company-specific solutions for full automation of turning workshops.

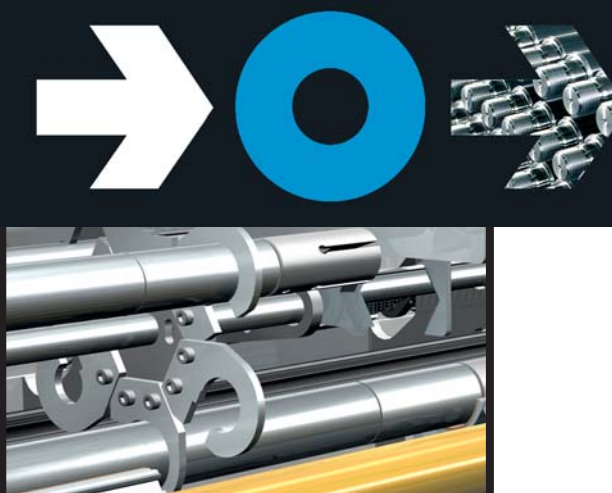
Brochures with detailed information are available for all BREUNING products. We will be glad to send them to you on request without any commitment on your side.

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www.breuning-irco.de

Subject to technical change - website: 2605K/000 05/11

POWER TURNING



Get 100 % performance from your lathe

Automatic short bar loader ILS-RBK



Space-saving design with two-step material feed

Short workpiece bars are loaded directly in the chuck through the lathe spindle and positioned exactly. The short bars are guided by a suitable spindle filler tube (from BREUNING).

- Magazine loading without machine stop
- Suitable for smallest lot production due to short set-up time
- Does not need compressed air
- Ideal for automatic loading of profiled stock

Material diameters: 5 to 160 mm
Material lengths: 1,200 / 1,600 + 2,200 mm



ILS-SV4. Extension of the lathe spindle for use with RBL, RBK and REX

6-channel loading magazine ecoPROFI



The loading magazine with the ideal price/performance ratio for turning workshops and sub-contractors. Compact construction with loading from the side and two-step loading technology.

- 6 different guiding channels with high-speed automatic channel switching
- Highly rigid housing
- Safe processing of rotationally symmetrical profiled stock
- Also available for swiss type lathe

Material diameters: 5 to 50 mm
Material lengths: 3,000 / 4,000 / 6,000 mm*



High-performance multi-channel loading magazine PROFImat



Top performance for turning from the bar. Highest cutting speeds through closed guiding channel with oil circulation. Optimal flexibility through 8 (6) selectable diameter ranges. Perfectly smooth running for highest turning precision.

- Third generation of the trusted PROFImat loading magazine

Material diameters: 5 to 130 mm
Material lengths: 3,000 / 4,000 / 6,000 (10,000) mm*



Single-channel loading magazine SiMag



Uncompromisingly professional single-channel loading magazine for precision turning from the bar. Oil circulation, centering steady rest and guiding channels with highly wear-resistant lining see to optimum smooth running and relieve the stress on the machine spindle.

Material diameters: 5 to 130 mm
Material lengths: 3,000 / 4,000 / 6,000 mm*



Multi universal automatic short bar loader ILS MUK



Super-fast, precision feeding of prismatic and round bars. Ideal for machining and turning centres. Feeding and process-integrated workpiece positioning through ILS servo drive technology. Reliable guiding of workpieces through matching spindle filler tubes.

Material diameters: 6 to 70 mm
Material lengths: 1,200 / 1,600 mm*

NEW



Automatic lathe unloading system ILS-REX/TEX



ILS-TEX Transfer of the individual parts to the integrated indexed conveyor

Fully automatic unloading of short or long workpieces without machine stop/door opening. This gentle unloading technology is especially suitable for opposed spindle turning centres, where the workpiece is unloaded through the spindle tube of spindle B.

Workpiece lengths: to 100 mm
Workpiece lengths: 500 / 800 / 1,200 mm*

Automatic loading and unloading provides the necessary efficiency for flexible manufacturing operations



*Other lengths on request

ILS-RBK

ecoPROFI

PROFImat

SiMag

ILS-MUK

ILS-REX