



KASTOssb A 2: Fully Automatic Bandsawing Machine for Mass Production Cuts.

# KASTOssb: More Economic Mass Production Cutting.

Great performance,  
efficient footprint.

The vertically running saw blade characterizes the KASTOssb heavy-duty, fully hydraulic bandsaw of robust construction and allows to cut solids, tubes and profiles with a capacity of up to 260 mm diameter. By using carbide tipped saw blades, even difficult to cut materials can be cut fast and economically in mass production. The extremely compact design, with vertically running saw blade, allows the KASTOssb to be set-up in a minimum of valuable floor space. It requires less than 1,7 x 2,0 m.

Polymer casting and high-tech  
for precision and speed.

The saw head made of polymer casting guarantees excellent damping against vibration, which results in high cutting performance and quiet operation with minor saw blade wear and tear. The high cutting speeds are possible due to the clamping vices guided in the enclosed frame and the massive precise round guide of the saw unit. The machine column of the KASTOssb is a distortion-free welded construction where hydraulic tank and chip conveyor with coolant tank are integrated to save space.

Excellent conditions for use in heavy-duty  
production: KASTOssb.  
(Picture with accessories)



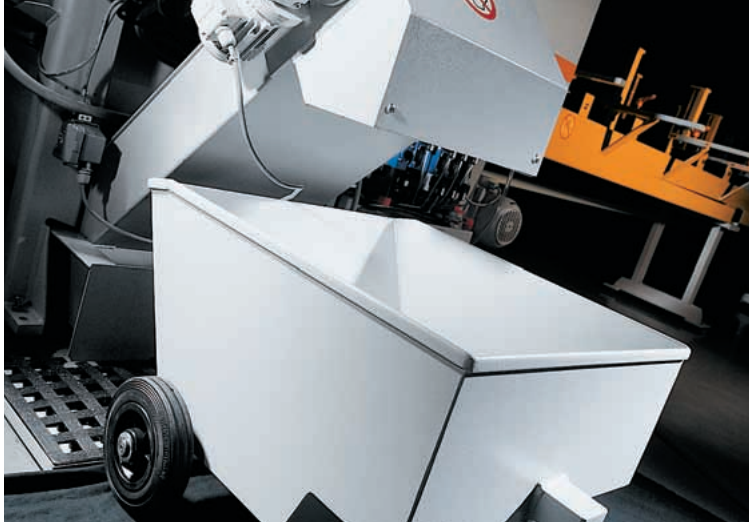


Application-specific infeed roller conveyors reduce idle times.

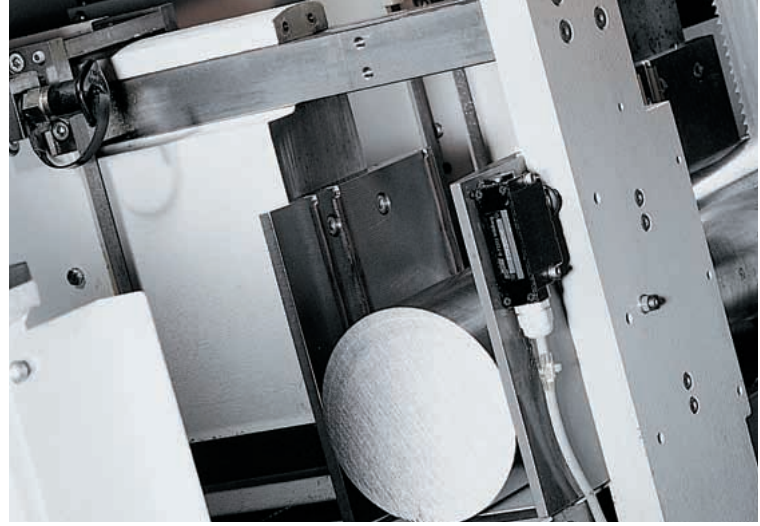
**KASTOssb: Productive benefits you can count on.**

- Totally enclosed installation provides high safety and excellent noise damping
- Sturdy clamping vice system permits high cutting accuracy and reliable clamping of the workpiece
- Vertically cutting saw blade optimizes chip flow
- Easy operation and simple infeed
- Safe, unmanned sawing using the CNC and intelligent supervisory functions (partly optional)
- Blade exchange is easy and virtually maintenance free
- Minor coolant loss and easy cleaning
- Fast customer service and reliable spare part supply





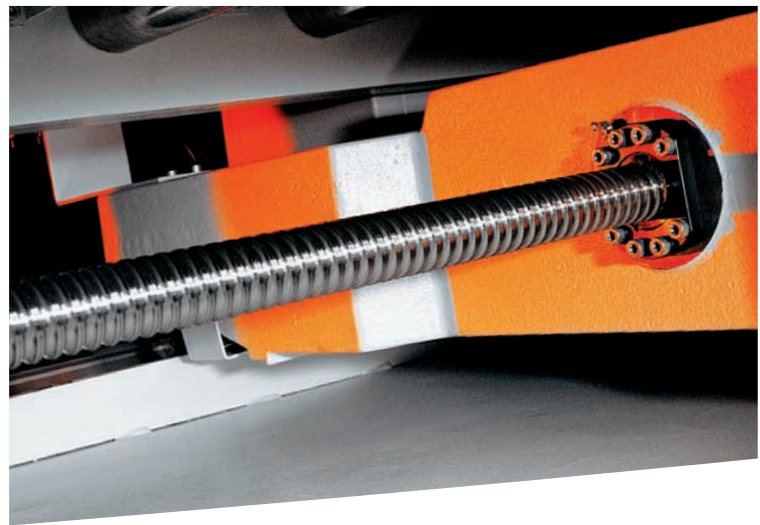
Chip conveyor features a high ejection capability (620 mm; 1.100 mm optional) saving coolant.



The frame clamping vice prevents the material from moving up.



KASTO BasicControl: Easy operation for effective order processing.



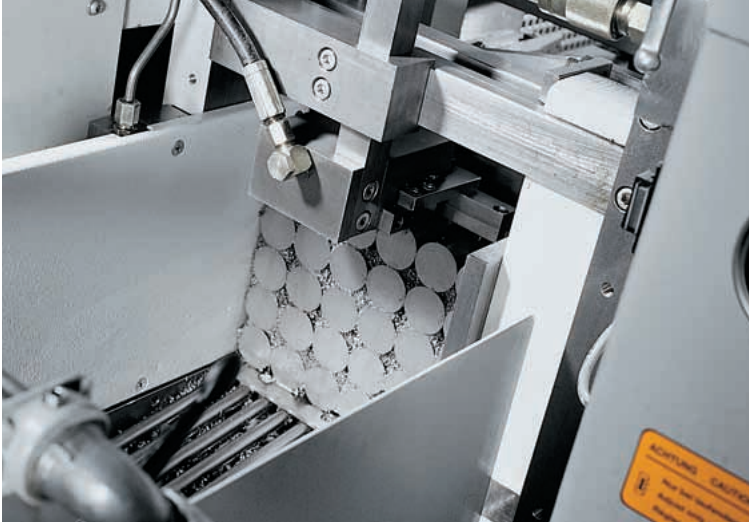
Highly accurate and durable feed with recirculating ball screw with little maintenance.

#### KASTO BasicControl:

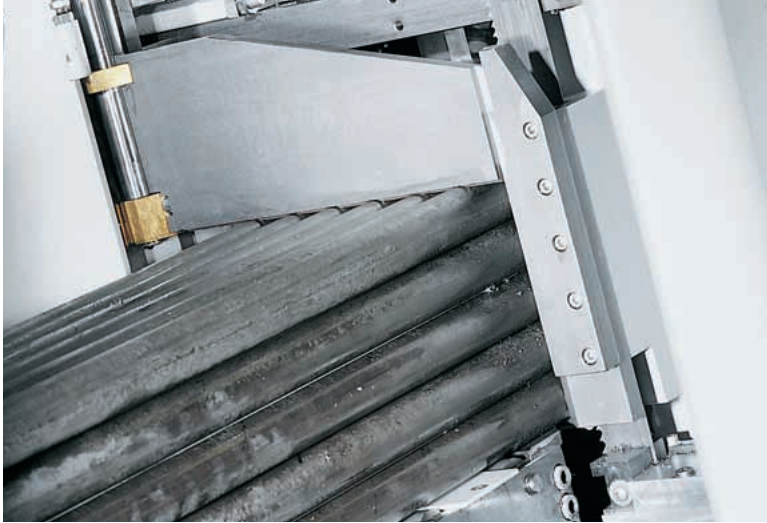
- ... the optimum control for easy handling and save sawing
- Industrial PC with 5.7"-colour touch screen without hard disk
- Software and data management on exchangeable multi media card
- Input of up to 99 orders with flexible input of quantity, cut-off length and further order data
- Integrated technology tables for cutting speed and manual adjustment of saw feed
- Management and display of process data (e.g. cutting time, cycle time), tool/blade data (e.g. cut area, cutting performance) etc.
- Extensive diagnostic functions

#### KASTO EasyControl:

- ... the ideal control for optimum order processing
- Integrated material and article management based on database principle
- Self-optimising technology database based on article, material and tool data as well as the latest process parameters
- Pre-calculation of order processing and machine utilisation hours of the complete order pool
- Storage and analysis of all processes, statistics and tool data
- Extensive software options



For bundle cuts: The „top-down“ hydraulic clamping device (optional).



Hydraulic hold-down device for stable 4-point clamping of individual bars, material layers and bundles (optional).



Infeed roller conveyor, driven via hand wheel, with fixed and adjustable lateral guiding roller (optional).



Motor-driven vibrating table with cleaning unit for virtually chip-free cuts (optional).

Other options and automation possibilities:

- Universal magazine / laterally moving roller conveyor / inclined magazine
- Bundle clamping device / multiple clamping device / hold-down device
- Micro-spray lubrication system
- Cut-off sorting
- KASTOnailmark cut-off marking system

Technical Data		KASTOssb	
Performance characteristics		Cuttings ranges	
Total connected power	9,5 kW	without bundle clamping unit (H x W)	260 / 260 x 260 mm
Required power	5,5 kW	with bundle clamping unit (H x W)	200 x 260 mm
Cutting speed, infinitely variable	15–125 m/min	single feed	680 mm
Measurements and weights		multiple feed	9.999 mm
Length x Width x Height	1.670 x 2.080 x 2.130 mm	minimum remnant length, automatic	110 mm
Working height	950 mm	shortest cut-off length	5 mm
Total weight	2.200 kg	clamping pressure reduction	standard
Saw band dimensions	4.115 x 41 x 1,3 mm		

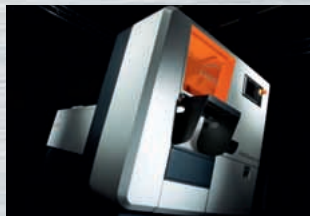


# The Complete KASTO Program: Economic Sawing and Storing of Metal.

## Expertise right down the line.

For over 160 years, KASTO has been recognized for quality and innovation, and offers a complete range of metal cutting saws, as well as storage and retrieval systems. Thanks to an ongoing development of new technologies and constant optimization process of machine concepts, KASTO has achieved the status of market leader in sawing and storing of metals.

## KASTO's Sawing Machines.



From the basic hacksaw to the high-performance automatic bandsaw capable of economically processing bar stock, blocks or plates of all grades, KASTO has the best solution for every challenge: Universal bandsaws and circular saws for light and medium applications, hacksaws employing the pushing-arching-cutting motion originated by KASTO, and production bandsaws and circular saws designed to cut medium to difficult materials.

## KASTO's Storage Systems.



Rapid access, optimum space utilization, clear and accurate view of stored inventory – KASTO storage systems' excellent features. And there's more! Fully automatic sawing centers, cantilever bar and sheet metal storage systems or cassette storage and commissioning systems, combined sawing and storage systems with integrated inventory control computers. As a one-source supplier, KASTO delivers the complete system, both hardware and software.

## KASTO's Service.



KASTO's comprehensive service program includes everything: from commissioning and training to maintenance support, service contracts, readily available spare parts and on-site service. KASTO's service incorporates individual consulting and immediate support with well-qualified teleservice. And of course, KASTO service is available worldwide.



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