



*KASTOvariospeed:*  
Fully Automatic Production Circular Saw.

## KASTO*variospeed* C15.

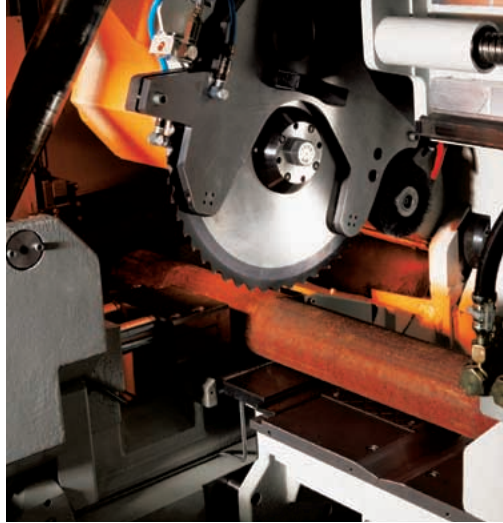
The automatic adaptation to constantly changing requirements is our standard.

The fully automatic production circular saw is designed for high performance requirements at low to medium order lot sizes. Independently from material quality, form or dimension, the KASTO*variospeed* C 15 processes rapidly changing orders fully automatically with minimum manpower. Carbide-tipped or HSS circular saw blades can be used optionally.

The saw control *EasyControl* with clear and high ease of use offers the opportunity to enter up to 500 material data for Carbide and HSS cutting tools, to manage up to 200 cutting orders, to enter rush orders and to visualize the machine conditions.

KASTO*variospeed* C15 with universal magazine and cut-off sorting.





Saw head with heavy duty carbide support guide.



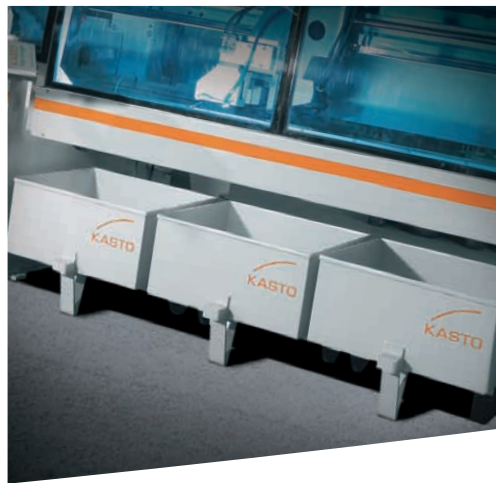
KASTO control *EasyControl*.



KASTO control *TechnoControl* (optional).



Cut-off sorting table.



Cut-off sorting area (containers – optional equipment).



Material feed - and sorting gripper vice.

**The specialist for fast order processing:**

- The basis for high cutting performances and long blade life of saw blades are the heavy machine base and high quality components.
- Frequency-controlled 18 kW three-phase motor with reliable high-performance spur-gear system.
- Pre-tensioned ball screw spindle for minimal ancillary time, automatic adaptation of feed stroke to the dimension of work piece and form, rapid return stroke.
- Precise cut-off pieces by means of optimum design and patented saw blade guide when the saw blade is entering and exiting the material.
- NC-material feed with feed gripper, cut-off lengths from 7 up to 2.000 mm in one stroke, minimum remnant length only 40 mm.
- Tilting table for sorting the cut-off pieces.
- Sorting area within the cut-off length of 2.000 mm.
- Saw control *EasyControl* (optional equipment: *TechnoControl*).
- System diagnoses for all machine conditions, problem reports in clear text.
- Allocation of cutting technology for corresponding material qualities according to DIN or "key of steel" for the chosen saw blades (HSS or Carbide).

## Material supply.

For every requirement the perfect material supply.

The material supply of round material is carried out by an inclined magazine which ensures a minimal manpower operation.

An automatic universal magazine offers a versatile material provision with different work piece dimensions, forms and qualities.

Further possibilities of manless material supply are a direct integration in a *KASTOcenter* (combination of saw and storage system) or by means of *KASTOsawcell* (combination of cassette storage system with separation out of cassette and transportation of individual bars to the sawing machine).

KASTO inclined magazine.



KASTO universal magazine.



KASTOcenter.



KASTOsawcell.





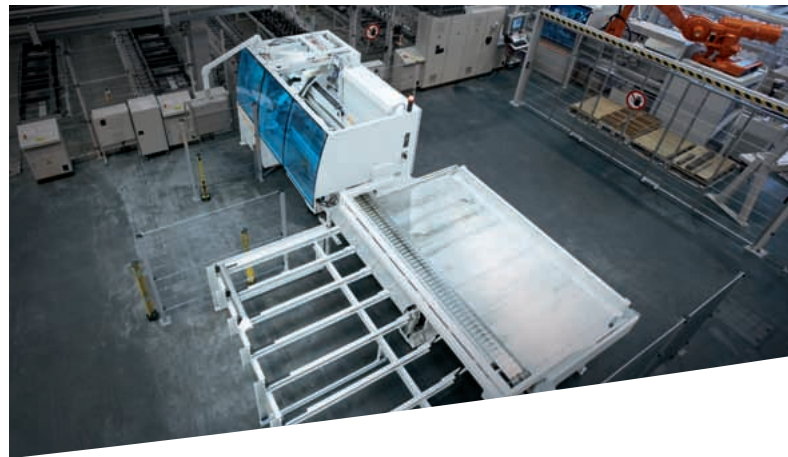
Low noise depositing of heavy cut-off pieces ...



... with the KASTO cross sorting (optional equipment).



Sorting-off of long cut-off pieces within the machine.



Sorting-off of long cut-off pieces outside the machine.

## Cut-off sorting possibilities.

**For every cut piece the right location.**

Particularly space-saving is the sorting-off of cut-off pieces within the sawing machine. The length of the sorting range is 2.000 mm in material-flow direction on both sides. All cut-off pieces up to 2.000 mm are automatically sorted to one or more positions depending on the length. Trim cuts and remnants are disposed separately.

For low noise depositing of heavy cut-off pieces with low risk of damage, the KASTO cross sorting has been proven.

After cutting, long cut-off pieces can be pushed onto deposit tables.

# Cutting, marking, deburring and stacking.

**KASTOsort for automatic container logistic.**

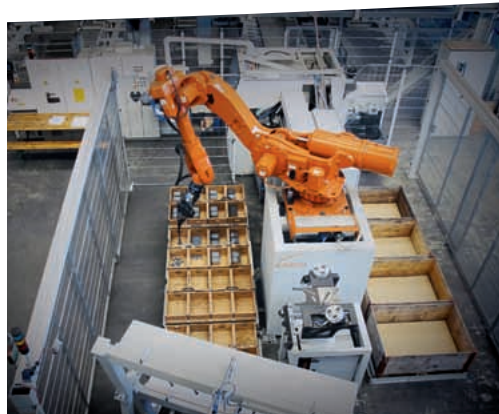
KASTOsort offers the possibility to palletize the complete variety of cut-off pieces without additional operating efforts. No matter if it's a disc, flat material or round bar, the system intelligently responds to each new cut-off dimension.

The stacking image of the cut-off pieces in the containers is generated completely independently for each dimension by means of special program logic and optimized in regard to the filling grade in the containers. Each part which can be cut at the machine can be stacked without any programming effort. The containers in which the cut-off pieces are stored, are always adaptable.

Around the clock.



Cutting.



Deburring ...



... and marking.



Stacking.



Sorted and commissioned.



Technical Data		KASTO <i>variospeed</i> C15	
<b>Cutting range</b>			
Round	mm	10 - 152	
Square	mm	10 x 10 up to 135 x 135	
Flat	mm	10 x 10 up to 155 x 120	
<b>Measurements and weights</b>			
Length	mm	10.600	
Width	mm	4.420	
Height	mm	2.340	
Minimum remnant length	mm	40	
Saw blade diameter (Steel/Non-ferrous)	mm	360 - 460	
Material support height	mm	950	
Weight without infeed device	kg	3.900	
<b>Performance characteristics</b>			
Total connected load, basic machine	kW	28	
Saw motor, frequency-controlled with overload protection	kW	18,5	
Cutting speed, infinitely variable	m/min	8 - 150	
Saw feed, infinitely variable	mm/min	16 - 1.000	
Rapid return	mm/min	7.000	

## Qualified Advice, Reliable Service: Success Factors for a Long-Term, Efficient Installation.

The competence for solutions does not end with the sawing machine.

Competent advice is available at the beginning to assure a successful application of the KASTO*variospeed* circular sawing machine and is based on extensive technology, cutting trials, and long-term experience in all different kinds of applications. For this reason other functions such as material infeed, material supply out of storage systems, and fully automatic sorting and stacking of cut-off pieces by robot are used. Long-term advantage – also with later adaptations and supplements – is the machine control developed by KASTO operating with established industrial hardware.

Satisfied customers are no coincidence.

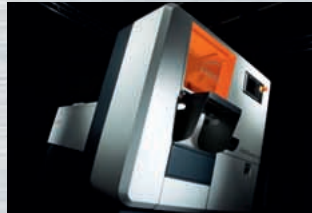
Training towards the success of our customer's installation is a company policy of KASTO. Therefore service is an important part of a long-term partnership for a durable efficiency and reliability of KASTO products. Often a problem can be solved by the machine operators after an advisory service by phone. Supply and shipment of spare parts is normally carried out the same day of the malfunction notice. Competent help on site, when required, is performed by especially trained service technicians. Competent on-site help is provided by more than 45 specially trained technicians with fully equipped service vehicles. Abroad, our subsidiaries and distribution partners have extensive spare parts inventory and service technicians trained by KASTO available.

# 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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Your KASTO Partner