



KASTO Product View.

# Economic and Universal: KASTO Hacksaws and Bandsaws.

**KASTOhbs and KASTOpsb:** The perfect connection between sturdiness and efficiency.

Technical Data		KASTOhbs 1	KASTOhbs 2
Cutting range		● / ■ / ■	● / ■ / ■
90°	mm	210 / 240 x 190 / 210 x 210	250 / 280 x 200 / 250 x 250
+ 45°	mm	150 / 150 x 100 / 145 x 145	180 / 170 x 200 / 170 x 170
	mm	130 x 210	155 x 255

Technical Data		KASTOpsb 2	KASTOpsb 4
Cutting range		● / ■ / ■	● / ■ / ■
90°	mm	280 / 280 x 160 / 240 x 240	400 / 400 x 240 / 320 x 320
+ 45°	mm	180 / 180 x 170 / 170 x 170	250 / 250 x 250 / 250 x 250
	mm	150 x 250	250 x 320



**KASTOmicut P 1.8:** Bandsaw with swivelling frame for manual use.

The KASTOmicut P 1.8 offers an infinitely adjustable mitre positioning up to +45°. The machine disposes of two cuttings speeds and a manual, hand-operated saw feed. A standard drop-dosing ensures the necessary lubrication of the tool during the sawing process.

Technical Data		KASTOmicut P 1.8
Cutting range		
90° (○ / ● / □ / □ / ■)	mm	180 / 90 / 180 x 180 / 180 x 180 / 90 x 90
+ 45° (○ / □ / □)	mm	160 / 160 x 160 / 160 x 160



**KASTOmicut:** Bandsaws with swivelling frame for manual and semi-automatic use.

Great performance on smallest footprint – with its infinitely variable saw blade drive the KASTOmicut always offers the optimum performance for each sawing application. The step-less mitre adjustment without length correction increases its variety. Whether selecting the manual or semi-automatic version, both offer great performance at an economical price.

Technical Data		KASTOmicut P 2.6 / E 2.6 / U 2.6
Cutting range		
90° (○ / ● / □ / □ / ■)	mm	260 / 160 / 310 x 260 / 260 x 260 / 160 x 160
+ 45° (○ / □ / □)	mm	230 / 200 x 260 / 200 x 200
+ 60° (○ / □ / □)	mm	150 / 140 x 160 / 140 x 140
- 45° (○ / □ / □)	mm	230 / 200 x 260 / 200 x 200



### KASTOmicut A 2.6: Fully-automatic pivot type bandsaw.

Fully hydraulic saw feed and infinitely variable cutting speed:  
The KASTOmicut provides high performance for the money.  
The infinitely variable mitre adjustment without length correction makes this saw extremely versatile.



Technical Data		KASTOmicut A 2.6	
Cutting range			
90° (○ / ● / □ / ▢ / ■)	mm	260 / 160 / 310 x 260 / 260 x 260 / 160 x 160	
+ 45° (○ / □ / ▢)	mm	230 / 200 x 260 / 200 x 200	
+ 60° (○ / □ / ▢)	mm	150 / 140 x 160 / 140 x 140	
- 45° (○ / □ / ▢)	mm	230 / 200 x 260 / 200 x 200	

### KASTOmicut E 4.6: The universal bandsaw for one-side mitre cutting.

The KASTOmicut E 4.6 offers an infinite mitre cutting adjustment up to +60°. The pivot point of the saw head is at the intersection of saw blade and material guide edge, therefore no length corrections are necessary when changing the mitre angle. The material is clamped manually. The compact saw of stable construction disposes of an automatic back stroke and is easy to use.



Technical Data		KASTOmicut E 4.6	
Cutting range			● / ■ / ■
90°	mm	335 / 460 x 335 / 335 x 335	
+ 45°	mm	320 / 280 x 335 / 300 x 300	
+ 60°	mm	210 / 180 x 335 / 200 x 200	

### KASTOmicut U 4.6: The universal bandsaw for double-sided mitre cutting.

The KASTOmicut U 4.6 offers a mitre range from +60° to -60° and a pivot point of the saw head which does not require any length corrections when changing the mitre angle. At the KASTOmicut U 4.6 with the KASTO-Universal Hydraulic the feed speed and the cutting power can be adjusted infinitely, in order to adapt them perfectly to any cutting task.



Technical Data		KASTOmicut U 4.6	
Cutting range			● / ■ / ■
90°	mm	335 / 520 x 335 / 335 x 335	
+/- 45°	mm	335 / 390 x 335 / 335 x 335	
+/- 60°	mm	280 / 260 x 335 / 260 x 260	



KASTOverto A 2: Highest performance on only 3 m².

- Fully hydraulic vertical bandsaw
- Total machine enclosure according to the machinery directive 2006/42/CE
- Hydraulic saw feed, infinitely variable from 0 – 300 mm/min (0 – 11.8"/min)
- Hydraulic blade tensioning
- Double clamping vice: Work piece clamping on both sides of blade
- Linear guides on saw head, material feed and clamping vice systems
- Hydraulic blade side shift cylinder for contact-free return of blade from kerf.
- *SpeedControl* (minimum rpm control)
- Material feed: single stroke up to 850 mm (33.5"), multiple strokes up to 9.999 mm (393.7"), incremental feed up to a cut piece length of 250 mm (9.8")
- Control: KASTO *BasicControl* with 5.7" colour touch screen

Technical Data		KASTOverto A 2	
Cutting range		● / ■ / ■	
90°	mm	260 / 320 x 260 / 260 x 260	
Shortest cut-piece length	mm	6	
Smallest diameter to be cut	mm	10	
Shortest remnant length in single cut	mm	15	
Shortest remnant length in automatic operation	mm	40	
Material feed length in single stroke	mm	850	
Material support height	mm	950	
Space requirement without chip conv. (LxWxH)	mm	2.365 x 1.350 x 1.767	
Total connected power / saw motor capacity	kW	2,5 / 1,5	
Cutting speed, infinitely variable	m/min	12 - 120	
Saw blade dimensions	mm	3.180 x 27 x 0,9	



KASTOssb: Perfection in bundle cutting.

The fully automatic vertical bandsaw operates on the smallest footprint. The mineral cast saw head guarantees extremely high vibration damping, resulting in highest cutting rates and extremely quiet operation – the best prerequisites for long blade life and quiet operation.

Technical Data		KASTOssb A 2	
Cutting range		● / ■	
Without bundle clamping device	mm	260 / 260 x 260	
With bundle clamping device	mm	200 x 260	
Performance characteristics			
Total connected power	kW	9,5	
Drive capacity	kW	5,5	
Cutting speed, infinitely adjustable	m/min	15 - 125	



Infeed roller conveyor, driven via handwheel with fixed and adjustable side guide rollers (option).

Powered vibrating table with cleaning device for mostly chip-free cut pieces (option).



## KASTOwin: High-tech systems for mass production – improved performance, greater efficiency.

The new KASTOwin models combine solid engineering with innovative control technology. The torsion-resistant upper part of the KASTOwin offers higher vibration absorption than conventional cast iron constructions. And the heavy construction of the rest of the steel structure has a single objective: to ensure operation of the bandsaw blade is as quiet as possible for high precision.

The new KASTOrespond system, developed specially for this range, provides ideal calibration of the machine for all material types.

The KASTOwin tube A 5.0 has been specially designed for cutting pipes. The upwards moving saw fee out of the support table provides an efficient and accurate cutting process and is gentle to the tools by means of not moving through chip accumulations.

For heavy and large sized workpieces KASTO have equipped the model KASTOwin F 10.6 with a movable material support table.



Technical Data		Cutting range
		● / ■ (WxH)
KASTOwin A 3.3	mm	330 / 330 x 350
KASTOwin A 4.6	mm	460 / 460 x 460
KASTOwin tube A 5.0	mm	530 / 530 x 530
KASTOwin A 5.6	mm	560 / 560 x 560
KASTOwin A 8.6	mm	860 / 860 x 860
KASTOwin F 10.6	mm	1.000 / 1.060 x 1.000
KASTOwin A 10.6	mm	1.060 / 1.060 x 1.060

## KASTOwin pro: More productivity.

The KASTOwin pro has been developed for the optimal use of BI metallic, BI metallic plus, carbide blades and carbide plus blades. Owing to the high cutting performance and the efficient use of carbide blades, the saw reaches maximum productivity.



Technical Data		KASTOwin pro A 5.6
		● / ■ (HxW)
Cutting Range	mm	560 / 560 x 560
Material feed length, single stroke	mm	500
Opt. Material feed length, single stroke	mm	1.500
Minimum remnant length in automatic operation	mm	35
Dimensions of bandsaw blade	mm	7.067 x 54 x 1,6
Optional dimensions of bandsaw blade	mm	7.067 x 54 x 1,3
Saw motor, frequency controlled	kW	11
Total connected load for standard machine	kW	15,5
Material support height	mm	700
Length / Width / Hight	mm	1.650 / 3.300 / 2.280
Weight	kg	4.300



## Precision – Cut after Cut.

**KASTOtec: Power bandsaws for heavy-duty production.**

These horizontal bandsaws are consequently designed to cut large work pieces and difficult to cut materials. High cutting performance, easy operation, and well thought-out material handling reduce idle times and create the basis for excellent profitability of the KASTOtec.



### Technical Data

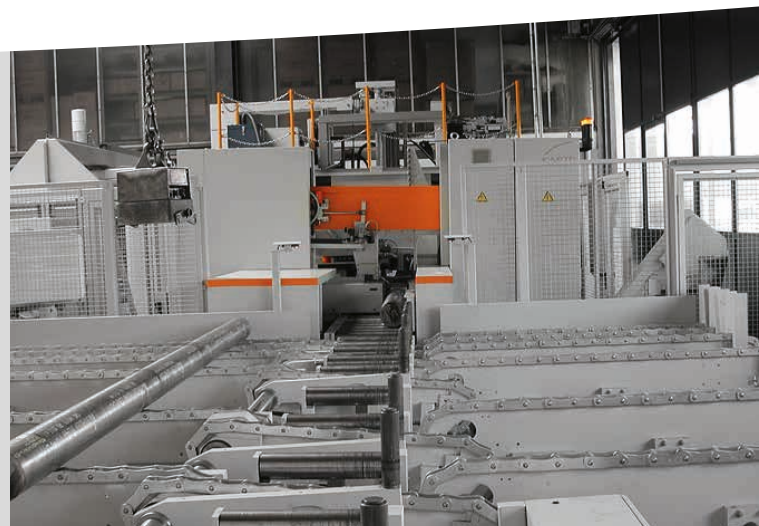
Cutting range		●	■ (WxH)	Material feed length
<b>KASTOtec AC 4</b>	mm	430	430 x 430	600
<b>KASTOtec AC 5</b>	mm	530	530 x 630	600
<b>KASTOtec AC 8</b>	mm	830	830 x 830	750
<b>KASTOtec AC 8x10</b>	mm	270 - 830	830 x 270 - 1.100	750

**Complete program for total productivity.  
Automatization degrees for KASTOtec.**

Individual peripheral equipments are available in connection with the optional machine controls KASTO EasyControl and KASTO ExpertControl and an automatic loading of the bar into feed gripper to increase the degree of automatization:

- KASTO twin roller conveyor
- KASTO inclined magazine
- KASTO universal magazine
- KASTO device for sorting of cut-off material
- KASTO device for marking of cut-off material

A connection to KASTO sawing centres and KASTO bar storage systems can be realized without problems.





KASTOhba: Large bandsaws for a wide range of material sizes.

The composite construction of the saw head of steel and mineral cast provides extreme rigidity which results in excellent vibration damping and, consequently, exemplary precision. The precise, almost maintenance-free guides guarantee long durability, long operating times and high repeated accuracy.



Technical Data		Cutting range	
		● / ■ (HxW)	
KASTOhba A / U 10x12	mm	300-1.060 / 1.060 x 1.260	
KASTOhba A / U 13x13	mm	300-1.320 / 1.320 x 1.320	
KASTOhba A / U 13x17	mm	500-1.320 / 1.320 x 1.720	

A = Fully automatic saw; U = Semi-automatic saw

KASTOmaxcut: Large bandsaws in gantry design.

KASTOmaxcut: The heavy gantry-type bandsaw of latest construction for demanding application in production with highly flexible table solutions for large material diameter, slabs, ingots, forged shafts, forged parts, ship crankshafts, turbine shafts, large tools of all qualities including difficult to cut materials such as titanium, hasteloy and inconel.

Due to its extremely heavy construction, the KASTOmaxcut is designed for medium to very heavy production and uses bi-metal as well as carbide bandsaw blades.



Technical Data KASTOmaxcut		A 10x16	A 16	A 16x20	A 20
Cutting range ●	mm	1.060	1.660	1.660	2.060
Cutting range ■	mm	1.060 x 1.060	1.660 x 1.660	1.660 x 1.660	2.060 x 2.060
Cutting range (HxW) ■	mm	1.060 x 1.660	1.660 x 1.660	1.660 x 2.060	2.060 x 2.060
Clamping range	mm	500 - 1.660	500 - 1.660	500 - 2.060	500 - 2.060
Smallest diameter to be cut ■	mm	500	500	500	500
Smallest cut-piece length	mm	10	10	10	10
Total connected power (approx.)	kW	40	40	40	40
Saw motor capacity (approx.)	kW	22	22	22	22

# Block and Plate Bandsaws for Longitudinal Cuts.

**KASTOvertical:** Economic cutting of small blocks, plates and test cuts.

The specialist among longitudinal cutting saws. The movable material support table guarantees fast and safe material handling. Cutting speeds and feeds are infinitely variable; the height of the band arm guide is adjusted hydraulically.

**KASTObloc and KASTOplate:** Cost-effective solutions for highest demands.

Price and performance are most important with the KASTObloc and KASTOplate. Outstanding features of these machines include high dynamics and exemplary material handling. The hydraulic, electronically monitored blade tension and the digital measuring stop guarantee the necessary accuracy.

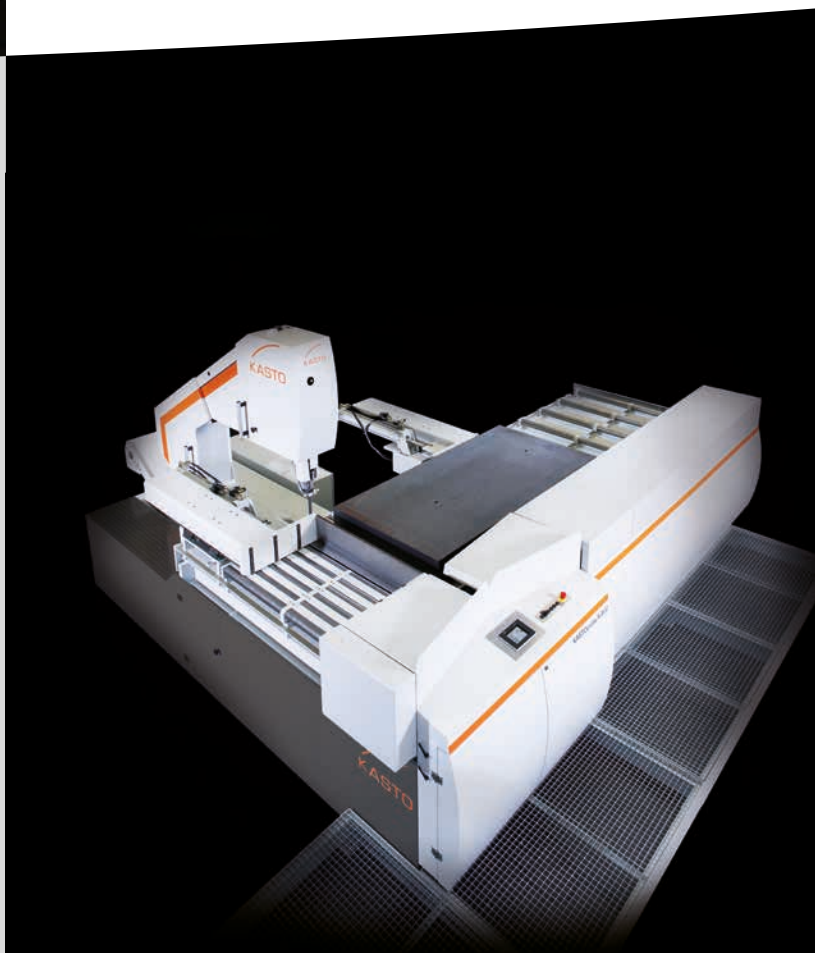


Technical Data		Cutting-height	Cutting-depth	Cutting-length
KASTOvertical U 5	mm	600	680	1.260
KASTOplate U / A 3	mm	320	660	2.100-4.100
KASTObloc U 5	mm	580	660	2.100-4.100
KASTObbs U 3x20	mm	420	2.060	3.000-7.000
KASTObbs U / A 4x16	mm	520	1.660	3.000-7.000
KASTObbs U 5x10	mm	620	1.060	3.000-6.000
KASTObbs U 6x16	mm	720	1.660	3.000-6.000
KASTObbs U 8x10	mm	920	1.060	3.000-6.000
KASTObbs U 8x20	mm	920	2.060	6.000
KASTObbs U 10	mm	1.120	1.060	3.000-6.000
KASTObbs U 12x15	mm	1.320	1.560	3.000-7.000
KASTObbs U 18x15	mm	1.920	1.560	3.000-4.000

**KASTOcross U or A:** Effectiveness and economics in cross cutting of plates.

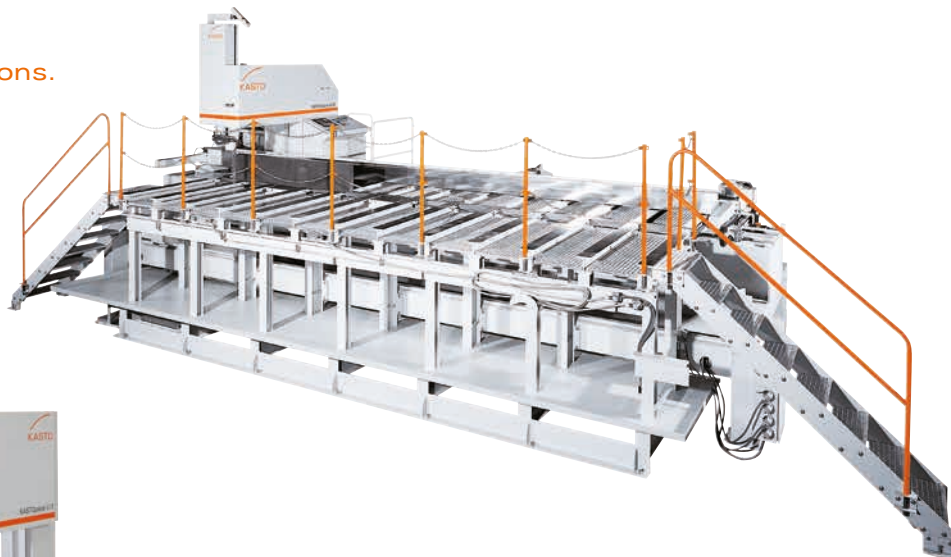
The vertical bandsawing machine for steel distribution, tool and mold construction. Compared to horizontal bandsaws with the same working range the advantage lies in faster processing und lower tool and investment costs. The good accessibility to the workpiece as well as to the operating panel rushes the setting up.

Technical Data		Cutting range, flat (H x W)
KASTOcross U / A 4x12	mm	410 x 1.270
KASTOcross U / A 6x16	mm	660 x 1.660
KASTOcross U / A 6x20	mm	660 x 2.060
KASTOcross U / A 6x25	mm	660 x 2.560





KASTObbs Block Bandsaws:  
Efficient cutting of large dimensions.



KASTObloc and KASTOplate:  
Cost-effective solutions  
for highest demands.

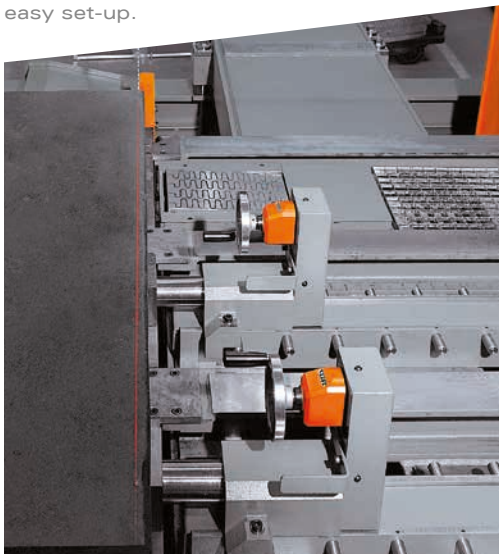


Fully automatic cutting in two  
directions – in 0° position longitudinally  
to roller conveyor.

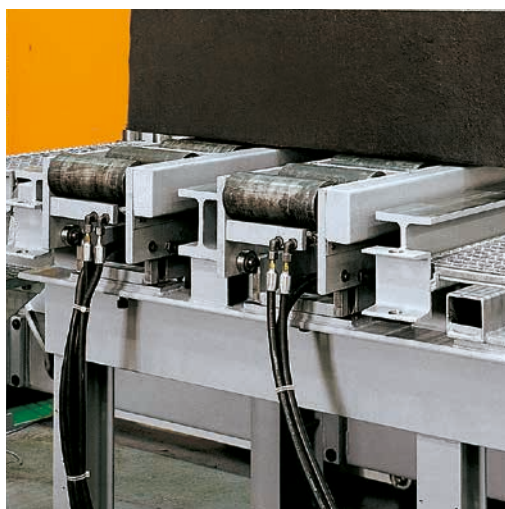
Laser lamp to project cutting line onto  
the work piece.



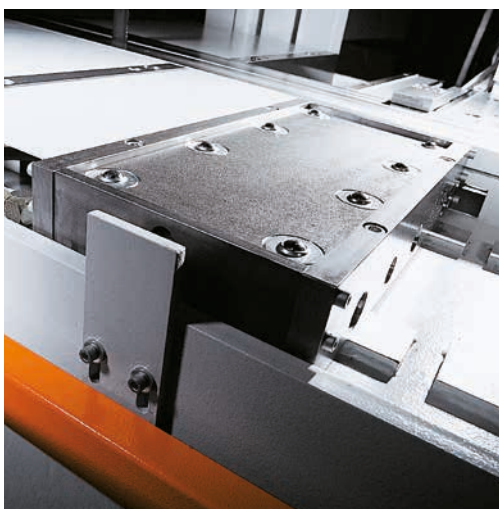
Mechanical work piece stop, fast and  
easy set-up.



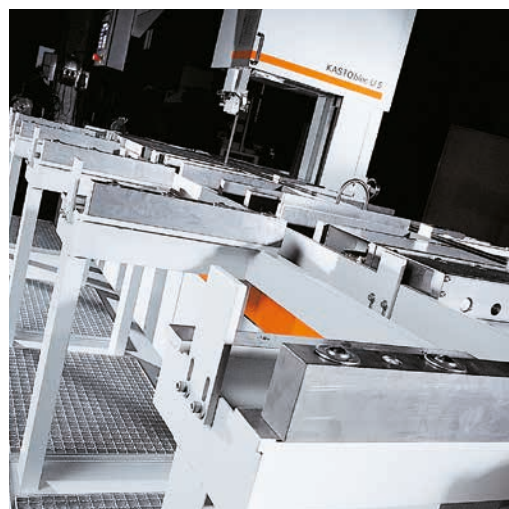
Handling aid for heaviest work pieces:  
powered roller rails, hydraulically lifted  
and lowered.



Easy handling of heavy blocks and plates  
through roller tables, hydraulically lifted  
and lowered.



Outside table extension to machine large  
dimensioned work pieces.



# Functionality and Effectiveness: KASTO Metal Circular Saws.

## KASTOalu: Circular saws for aluminium and plastic.

KASTO offers the comprehensive program of aluminium circular saws – from manual to fully automatic saws, they are designed for robust, high-performance use in rugged machine shop operation.

Technical Data KASTOalu			U 12	U 14	U 20
Cutting range					
90°	○	mm	100	140	200
90°	□	mm	110 x 70	200 x 80	300 x 100
90°	□	mm	80 x 80	125 x 125	180 x 180
45°	○	mm	100	130	200
45°	□	mm	80 x 75	140 x 80	200 x 120
45°	□	mm	75 x 75	110 x 110	150 x 150
Mitre, horizontal			+/- 90°	+/- 90°	+/- 70°



## KASTOradial: The universal metal circular saw.

From manual to fully automatic saw – KASTOradial metal circular saws adapt to the requirements in rugged job shop operation: Easy operation, high performance, precise and robust construction.

Technical Data KASTOradial			M 4	M 6	M / U 7	M / U 10
Cutting range						
90°	●○	mm	45 / 65	65 / 90	70 / 95	100 / 100
90°	□	mm	80 x 55	120 x 70	135 x 75	170 x 90
90°	■	mm	-	-	-	-
- 45°	●○	mm	40 / 60	60 / 70	70 / 95	100 / 100
- 45°	□	mm	40 x 60	70 x 50	90 x 75	125 x 90
+ 45°	●○	mm	40 / 60	60 / 80	70 / 95	100 / 100
+ 45°	□	mm	40 x 60	75 x 70	90 x 75	125 x 90
+ 60°	●○	mm	-	-	70 / 80	90 / 90
+ 60°	□	mm	-	-	65 x 70	90 x 90

\* A 10 for 90° cuts only.



## KASTOflex: Universal saws for job shops and serial production.

Either semi-automatic or CNC-controlled with a support table rotating to the left and right, mitre cuts of +/- 90° can be adjusted quickly and accurately. Another characteristic is the saw blade cutting from the bottom to the top.

Technical Data KASTOflex			U	A / F
Cutting range			○ / □ / □	○ / □ / □
90°	mm	150 / 350 x 25 / 140 x 140	150 / 200 x 100 / 140 x 140	
+/- 45°	mm	145 / 280 x 30 / 120 x 120	145 / 160 x 80 / 120 x 120	
+/- 60°	mm	140 / 170 x 50 / 100 x 100	115 / 120 x 60 / 100 x 100	





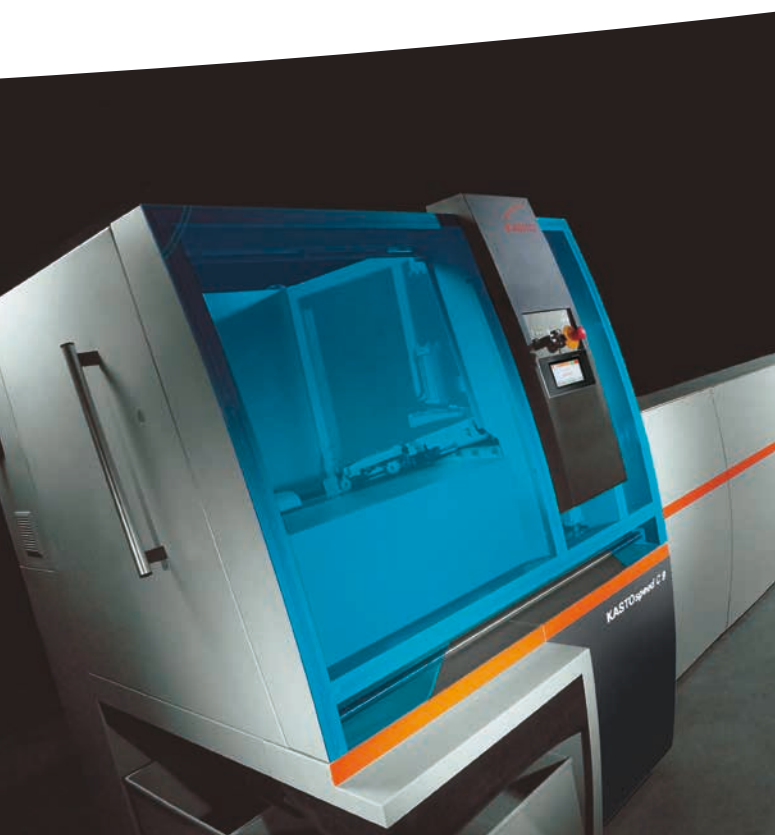


**KASTOgripspeed / KASTOvariospeed:**  
The specialist for difficult to cut materials.

These CNC-controlled circular saws show their efficiency in the fully automatic cutting of solids, profiles and tubes. Features: Precise cut pieces, overload protection and contact-free saw blade return.

**KASTOspeed:** Highest performance for highest demands in mass production cutting.

This high-performance circular saw is extremely fast when cutting steel and non-ferrous material cost-effectively in mass production. One of the reasons for the high output is the quick material transport via a feed cart.



Technical Data	KASTO gripspeed C 10	KASTO variospeed C 15
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Cutting range		
● mm	15 - 100	10 - 152
■ mm	-	10 x 10 to 155 x 120
■ mm	15 - 80	10 x 10 to 135 x 135

Technical Data	KASTO speed M / C 9	KASTO speed M / C 15
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Cutting range		
● mm	15 - 90	20 - 150
■ mm	15 x 15 - 85 x 80	20 x 20 to 155 x 135
■ mm	15 - 80	20 - 80 to 40 - 135

Efficient cutting of solids, profiles and tubes in all qualities, also difficult to cut materials.





# Bar Storage and Retrieval Systems for Effective Material Flow in Industry and Distribution.

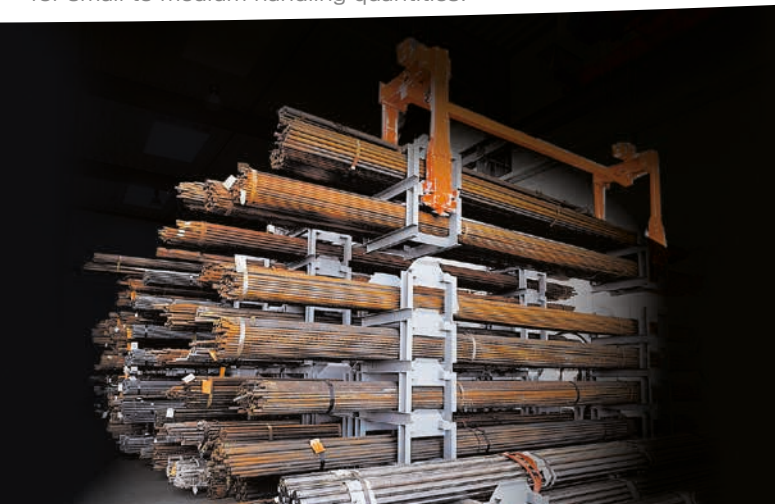
Significantly improves  
efficiency in all lines of  
business!

How do you increase the efficiency of storing and removing processes today? With products from KASTO! KASTO equipment is strategically engineered to provide shorter access times, shorter delivery times and higher readiness for shipment – and all this with fewer personnel. Faster access, better space utilization and a clear storage overview characterize all KASTO products. Whether stacking cradle system, sawing center, commissioning or production storage, whether bridge type storage systems or Honeycomb design: KASTO's customers know their exact inventories and profit from reduced capital commitment because of minimized storage quantities. KASTO offers the complete system as a one-source supplier and also ensures the best system service available.

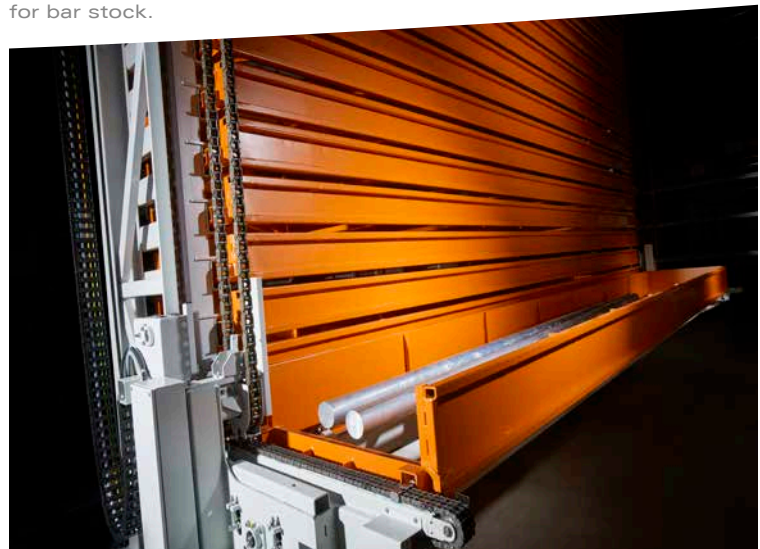
KASTO Storage Systems use  
the third dimension – The full  
height of the storage building!

Generally, this frees valuable production space. Today's trend towards smaller order sizes and „just-in-time“ delivery has led to increased costs per order. Fortunately, this development can be counteracted with effective storage and commissioning systems. Additionally, the accident potential is greatly reduced because automated material handling systems are safer than working with traditional, cumbersome forklifts and cranes.

*UNIBLOC*: Stacking cradle system with minimal space requirements, for small to medium handling quantities.



*KASTOecostore*: The compact and standardized storage system for bar stock.



*UNITOP*: Bar storage system with a gantry crane moving on top. Due to fast access, also ideal as commissioning system.



*UNITOWER*: Compact cassette storage system for bar stock, boxes and pallets.







*UNITOWER B:* Tower storage system – a space-saving storage solution for bar stock, sheet metal, pallets and much more.



*KASTOecostore:* The compact and standardized storage system for sheet metal.



*UNILINE:* In-line storage systems for effective material supply to processing machines and for commissioning.

## KASTO solves storage problems.

### More economic use of storage space.

The more accurate a storage system fits the need, the more economically it performs. This is why KASTO offers a wide variety of different, customized storage systems, which can be adapted to various architectural requirements. The spectrum goes from an uncomplicated stacking cradle system to the fully automated storage & retrieval system interfaced with the customer's IT system. Many storage systems can be designed as self-supporting structures with wall siding and roof.





*UNICOMPACT: For large and largest storage requirements*

## Fast, flexible, powerful: KASTOsawcell.

### Minimum idle times and maximum flexibility

The manipulator of the KASTOsawcell guarantees a quick bar change while cutting and minimum idle times. Therefore, the power saws can fully utilize their efficiency during each individual cut. During the cutting process, other handling sequences take place.

### Facts of the KASTOsawcell:

- Material supply from UNITOP or UNICOMPACT Storage Systems to the saw
- Max. 2 x 5 tons bar weight, 20 – 320 mm material diameter
- Fully automatic restoring from storage stations into saw cassette
- Saw cassette with access from the top or from the side







The KASTOcenter combines individual bar storing, sawing machine and sorting device for cut-off pieces.

Technical Data	System type	Load per storage location	Economic storage size	Economic storage lengths	Economic system height
<b>UNIBLOC</b>	Stacking cradle system	6 / 9 t	from 10	3 - 24 m	to 5 m
<b>UNIBLOC A</b>	Stacking cradle system	6 / 9 t	from 250	3 - 24 m	to 8 m
<b>KASTOecostore</b>	Tower system	1,2/3 t	from 10	3 m	to 8 m
<b>UNITOWER B</b>	Tower system	1-5 t	10 - 150	2 - 8 m	3 - 20 m
<b>UNITOWER</b>	Tower system	1 - 3 t	10 - 100	3 - 12 m	4 - 20 m
<b>UNIPORTAL</b>	Portal system	1,2 t	40 - 400	3 - 8 m	3 - 8 m
<b>UNITOP</b>	Toprunning system	1 - 5 t	80 - 1.500	3 - 12 m	4 - 20 m
<b>UNILINE</b>	In-line storage system	0,5 - 5 t	50 - 2.000	2 - 8 m	3 - 25 m
<b>UNIGRIP</b>	Honeycomb system	1 - 5 t	from 400	3 - 8 m	4 - 15 m
<b>UNICOMPACT</b>	Honeycomb system	1 - 8 t	from 500	3 - 8 m	4 - 26 m
<b>KASTOcenter</b>	Sawing center	0,5 - 5 t	from 50	3 - 12 m	3 - 10 m
<b>KASTOsawcell</b>	Sawcell	3,2 t		3 - 8 m	



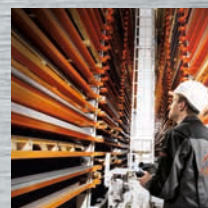
# KASTO – The Success Story of an Idea.



Step-by-step toward highly advanced engineering.

Karl Stolzer built the foundation in 1844 for today's successful company with his carpentry shop. The step toward a modern machine tool manufacturer took place in 1948: The KASTO Metal Hacksaw with its arch-shaped cutting movement was the start for a very fast development. More innovative ideas and products followed – for example, Automatic Bar Storage and Retrieval Systems or CNC-Sawing Centers as flexible manufacturing centers.

Today, KASTO has more than 670 employees and yearly sales of approx. 117 Million Euro. More than 140,000 delivered saws and more than 1.700 installed bar storage and commissioning systems gave KASTO worldwide name recognition for sawing, storing and commissioning



As a "Global Player" – The Future is Now.

KASTO is "recognized worldwide as the leader for metal saws and storage systems." This indisputable position is at the same time a quality promise. Modern technologies and many years of know-how guarantee efficiency and strong performance. Especially with bar stock and storage systems KASTO offers unique solutions – for example the KASTO Storage Center, which links storing and fully automatic sawing. Steel distributors all over the world successfully utilize sawing and storing technology "made by KASTO".

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