

### KASTO Product View.



### Economic and Universal: KASTO Hacksaws and Bandsaws.

# KASTO*hbs* and KASTO*psb*: The perfect connection between sturdiness and efficiency.

Technical Data		KASTOhbs 1	KASTOhbs 2
Cutting range		• / === / =	● / ■■ / ■
90°	mm	210 / 240 x 160 / 200 x 200	250 / 280 x 180 / 230 x 230
+ 45°	mm	150 / 150 x 100 / 145 x 145	180 / 170 x 200 / 170 x 170
	mm	130 x 200	155 x 235
Technical Data		KASTOpsb 2	KASTOpsb 4
Technical Data		KASTO <i>psb 2</i> ● / <b>■■</b> / ■	KASTO <i>psb</i> 4
	mm		
Cutting range	mm	• / • / •	• / • / •



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

Great performance on smallest footprint – with its infinitely variable saw blade drive the KASTO*micut always offers* the optimum performance for each sawing application. The stepless 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
<b>6</b>		
Cutting range		
90° (○ /● / □ / □/ ■)	mm	220 / 160 / 310 x 260 / 260 x 260 / 160 x 160
+ 45° (○ / □)	mm	220 / 200 x 200
+ 60° (O / 🗆)	mm	140 / 140 x 140
- 45° (O / 🗆)	mm	220 / 200 × 200



# KASTO*micut 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° (O / /)	mm	230 / 200 x 260 / 200 x 200
+ 60° (O / /)	mm	150 / 140 x 160 / 140 x 140
- 45° (O / 🗔 / 🗆)	mm	230 / 200 x 260 / 200 x 200



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

The KASTO*micut 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.

echnical Data KASTOmicut	E 4.6
Cutting range	
● / / / ■) mm 335 / 160 / 460 x 335 / 335 x 335 / 160	) x 160
45° (O / /) mm 320 / 280 x 335 / 300	) x 300
60° (O / /) mm 210 / 180 x 335 / 200	) x 200

### KASTO*micut U 4.6*: The universal bandsaw for one-side mitre cutting.

The KASTO*micut U 4.6* offers a mitre range from -45° to +60° and a pivot point of the saw head which does not require any length corrections when changing the mitre angle. At the KASTO*micut 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.

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Technical Data		KASTOmicut E 4.6
Cutting range		
90° (○ / ● / □ / □ / ■)	mm	335 / 335 / 520 x 335 / 520 x 335 / 335 x 335 /
+ 45° (O / 🗔 / 🗆)	mm	335 / 390 x 335 / 335 x 335
+ 60° (O / /)	mm	280 / 260 x 335 / 260 x 260

# KASTO*micut AE 4.6*: The universal bandsaw for double-sided mitre cutting.

+ 60° (O / 🗔 / 🗇) 🛛 mm

In addition to straight cuts, mitre cuts can also be made very flexibly and quickly, for which the saw head can be adjusted very easily to the right up to 60°. The mitre angle is set via an easy-to-read angle scale. Straight and mitre cuts up to +45° to the right can be made in automatic mode as well as in semi-automatic mode up to +60° to the right.



Technical Data		KASTOmicut U 4.6
Cutting range		
90° (○ / ● / □ / ■ / □ / ■)	mm	335 / 160 / 460 x 335 / 335 x 335 / 160 x 160
+ 45° (O / 🗔 / 🗆)	mm	320 / 280 x 350 / 300 x 300

210 / 180 x 335 / 200 x 200



### KASTOverto A 2: Highest performance on only 3 m<sup>2</sup>.

- 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 AdvancedControl 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 KASTO*win* models combine solid engineering with innovative control technology. The torsion-resistant upper part of the KASTO*win* 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 KASTO*respond* 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 KASTO*win F 10.6* with a movable material support table.

Technical Data		Cutting range
		● / <b>■</b> (W×H)
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	1.060 / 1.060 x 1.060
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	КА	STOwin pro A 5.6
		● / ■ (H×W)
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.

KASTOmiwin: Two-column guided band saw for straight and double-sided mitre cutting in steel service centers and workshops in fully and semiautomatic versions.

This two-column guided band saw for single cuts and mitre jobs (-45 ° / + 60 °) is characterized by a frequency-controlled, infinitely adjustable blade speed (12-150 m / min), a cutting strip, which is turning with the saw head, of wear-resistant spring steel as material support, an electric motor-driven saw feed and a hydraulic material clamping. The hydraulic material clamping is automatically shifted hydraulically depending on the positive or negative cutting angle. Optionally, the saw can be ordered with a 34 or 41 mm saw blade. The standard SmartControl in the semi-automatic version and ProControl at the fully automatic machine offer an optimal machine operation.



Technical Data KASTOmiwin		U 4.6	A 4.6
Cutting range		● / ■■ / ■	● / ■■ / ■
90°	mm	360 / 460 x 360 / 360 x 360	360 / 460 × 360 / 360 × 360
+ 45°	mm	360 / 340 × 340 / 340 × 340	360 / 340 x 340 / 340 x 340
+ 60°	mm	250 / 240 × 340 / 240 × 240	250 / 240 x 340 / 240 x 240
- 45 °	mm	360 / 340 × 340 / 340 × 340	360 / 340 x 340 / 340 x 340
Smallest diameter to be cut	mm	30 / 30 × 20	30 / 30 × 20
Shortest remnant length (indiiv. / autom.)	mm	30	30 / 30 × 20
Dimensions of bandsaw blade	mm	6190 x 41 x 1,3	6190 x 41 x 1,3
Optional dimensions of bandsaw blade	mm	6190 x 34 x 1,1	6190 x 34 x 1,1

## 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 KASTO*tec*.

**Technical Data** 



Cutting Range		•	(H×B)	Material feed length
KASTOtec AC 4	mm	430	430 x 430	600
KASTOtec AC 5	mm	530	530 x 630	600
KASTOtec AC 8	mm	830	830 x 830	750
KASTOtec AC 8x10	mm	270 - 830	830 x 270 - 1.100	750

# KASTO*hba*: 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
		● / <b>■</b> (H×W)
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.

KASTO*maxcut*: 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 KASTO*maxcut* 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.

# KASTO*vertical*: 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.



### KASTO*bloc* and KASTO*plate*: Cost-effective solutions for highest demands.

Price and performance are most important with the KAST*Obloc* and KAST*Oplate*.

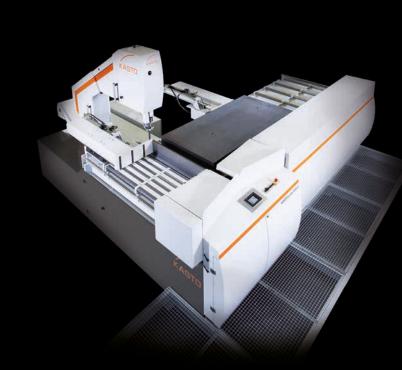
Outstanding features of these machines include high dynamics and exemplary material handling. The hydraulic, electronically monitored blade tension and the digital measuring stop guarantee the necessary accuracy.

Technical Data		Cutting- height	Cutting- depth	Cutting- length
KASTOvertical U 5	mm	600	680	1.260
KASTO <i>plate U / A 3</i>	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

#### KASTO*cross 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)
KASTO <i>cross U / A 4x12</i>	mm	410 x 1.270
KASTO <i>cross U / A 6x16</i>	mm	660 x 1.660
KASTO <i>cross U / A 6x20</i>	mm	660 x 2.060
KASTO <i>cross U / A 6x25</i>	mm	660 x 2.560



#### KASTO*bbs* Block Bandsaws: Efficient cutting of large dimensions.

KASTO*bloc* and KASTO*plate*: Cost-effective solutions for highest demands.

Laser lamp to project cutting line onto the work piece.



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



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



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



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



Outside table extension to machine large dimensioned work pieces.



### Functionality and Effectiveness: KASTO Metal Circular Saws.

### KASTOradial: The universal metal circular saw.

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

Technical Data KASTO <i>radial</i>			M 4	M 6	M / U 7	M / U 10
Cutting range						
90°	•0	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°	•0	mm	40 / 60	60 / 70	70 / 95	100 / 100
- 45°		mm	40 x 60	70 x 50	90 x 75	125 x 90
+ 45°	•0	mm	40 / 60	60 / 80	70 / 95	100 / 100
+ 45°		mm	40 x 60	75 x 70	90 x 75	125 x 90
+ 60°	•0	mm	-	-	70 / 80	90 / 90
+ 60°		mm	-	-	65 x 70	90 x 90



\* A 10 for 90° cuts only.

### KASTO*flex U*: From cut to cut, an all-rounder..

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
Cutting range		0/□/□
90°	mm	150 / 350 x 25 / 140 x 140
+/- 45°	mm	145 / 280 x 30 / 120 x 120
+/- 60°	mm	140 / 170 x 50 / 110 x 110



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

Universal and economical, the automatic circular saw for single and serial cuts. The ergonomic working height and the good accessibility due to the wide-opening full enclosure allow easy working with flexible single cuts. Safety due to full enclosure with very good visibility into the working area in automatic mode.

Technical Data KASTOflex		A
Schnittbereiche		0/ 🗔 / 🗆
90°	mm	150 / 200 x 100 / 140 x 140
+/- 45°	mm	145 / 160 x 80 / 120 x 120
+/- 60°	mm	115 / 120 x 60 / 100 x 100





#### KASTO*gripspeed /* KASTO*variospeed*: 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.

### KASTO*speed*: 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
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
Cutting range			
Cutting range	mm	15 - 90	20 - 150
Cutting range	mm mm	15 - 90 15 x 15 - 85 x 80	20 - 150 20 x 20 to 155 x 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.



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



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



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







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



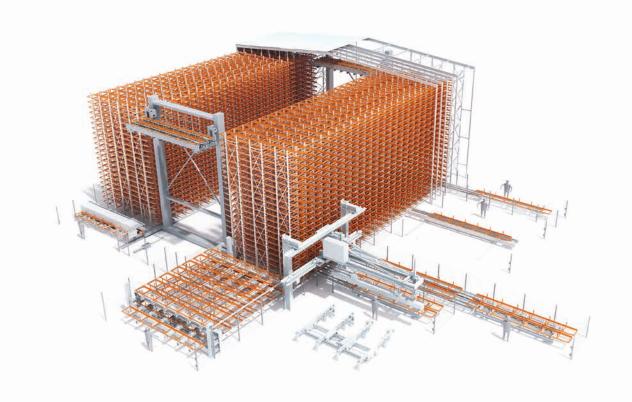
UNILINE: In-line storage systems for effective material supply to processing machines and for commissioning.

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

### 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. KASTO Honeycomb Storage and tailor-made technologies for smart material flow.



UNICOMPACT: For large and largest storage requirements.





Technical Data	System type	Load per storage location	Economic storage size	Economic storage lengths	Economic system height
UNIBLOC	Stacking cradle system	6 / 9 t	from 10	3 - 24 m	to 5 m
UNIBLOC A	Stacking cradle system	6 / 9 t	from 250	3 - 24 m	to 8 m
<b>KASTO</b> ecostore	Tower system	1,2/3 t	from 10	3 m	to 8 m
UNITOWER B	Tower system	1-5 t	10 - 150	2 -8 m	3 - 20 m
UNITOWER	Tower system	1 - 3 t	10 - 100	3 - 12 m	4 - 20 m
UNITOP	Toprunning system	1 - 5 t	80 - 1.500	3 - 12 m	4 - 20 m
UNILINE	In-line storage system	0,5 - 5 t	50 - 2.000	2 - 8 m	3 - 25 m
UNIGRIP	Honeycomb system	1 - 5 t	from 400	3 - 8 m	4 - 15 m
UNICOMPACT	Honeycomb system	1 - 8 t	from 500	3 - 8 m	4 - 26 m
KASTOcenter	Sawing center	0,5 - 5 t	from 50	3 - 12 m	3 - 10 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 700 employees worldwide. More than 140,000 delivered saws and more than 2.200 installed bar storage and commissioning systems gave KASTO worldwide name recognition for sawing, storing and commissioning.



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





/ 10.2022 / We reserve the right to make technical

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change

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".

Your KASTO Partner



KASTO Maschinenbau GmbH & Co. KG Industriestr. 14 DE 77855 Achern Phone +49 7841 61-0 Fax +49 7841 61-300 E-Mail kasto@kasto.com Internet www.kasto.com