



Vertical saws for blocks and plates  
Power houses for large workpieces

# Overview of KASTO block and plate saws

## Increased sawing efficiency in production and manufacturing

Whether in the machine and tool manufacturing industry, steel and metal trading, aerospace or shipping industry: KASTO provides an extensive range of block and plate saws, offering the ideal solution for any application. Our durable and high-performing machines deliver impressive results for series cuts with short cycle times as well as for large material dimensions or difficult-to-cut materials. Semi or fully automated, small or large workpieces: We provide the perfect saw for your unique applications.

All of the block and plate saws from KASTO feature a solid construction. Intelligent control systems and intuitive operating concepts minimise non-productive

times while maximising productivity.

### KASTOapp provides a complete overview

**Live status overview of your sawing machine.** No installation is required to start using the KASTOapp. Its responsive design allows it to adjust seamlessly to the size of any terminal. Users can easily check the status of sawing machines from anywhere and at any time using their browser on a smartphone, tablet, or computer and respond promptly to any issues that may arise.

## Quickfinder for the right machine series

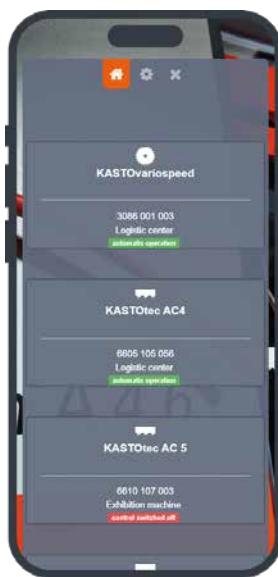


Legend:

- well suited
- partially suitable
- not suitable

Page number	4	6	10	20
<b>Automation level</b>				
Single cut fully automated	■	■	■	■
Series cut fully automated		■	■	■
<b>Type of cut</b>				
90° cut	■	■	■	■
Notched cut	■	□	□	-
<b>Material</b>				
Non-ferrous metal	■	■	■	■
Structural steel	■	■	■	■
Tool steel	■	■	■	■
Stainless steel	■	■		■
Steel for special applications	■	■	■	■

The KASTOapp is clear and intuitive, providing users access to essential information on all sawing machines equipped with the latest control technology. Users obtain precise information on all relevant parameters during the cutting operation. You can find more information on the KASTOapp in our "KASTO Smart Solutions" brochure



Machine and status overview



History of shift/day



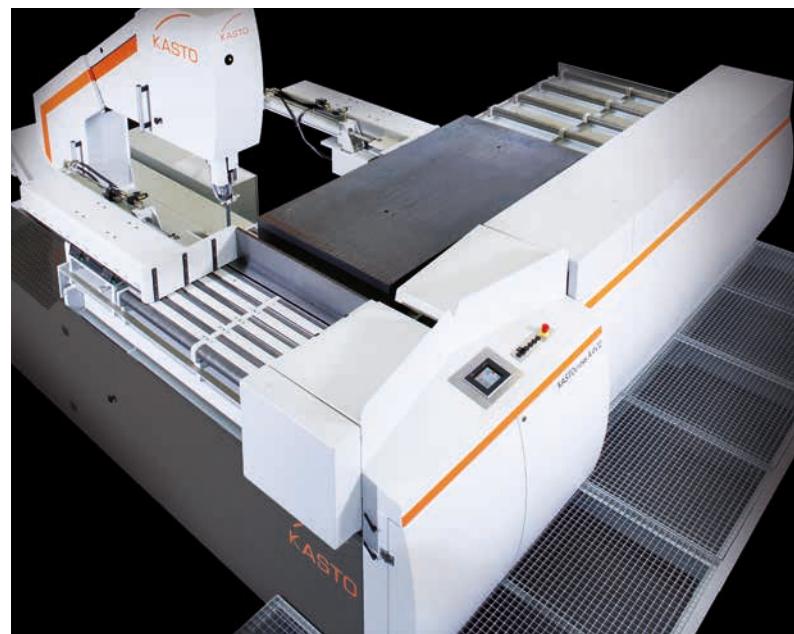
KASTOvertical



KASTObloc



KASTObbs



KASTOcross

# KASTOvertical



## KASTOvertical

Efficient cutting of small blocks, plates and test cuts

Greater efficiency thanks to the **movable material support table**. The specialist for longitudinal cutting saws. The movable material support table ensures fast and safe material handling. The cutting speed

and saw feed are infinitely adjustable; the height of the band arm guide is adjusted hydraulically.

Technical data	KASTOvertical	
Cutting height without <i>BandControl</i>	mm	600
Cutting height with <i>BandControl</i>	mm	560
Max cutting length	mm	1,260
Max cutting depth	mm	680
Infinitely variable saw feed	mm	1 - 250
Rapid motion	m/min	2,200
Machine total connected load in basic configuration	kW	6
Saw motor	kW	4
Infinitely adjustable cutting speed	m/min	12 - 120
Sawband dimensions	mm	5,450 x 41 x 1.3 5,450 x 54 x 1.3
Max. table load	kg	2,000
Height of table support	mm	1,150
Length	mm	3,110
Width including chip conveyor	mm	2,520
Height	mm	3,050
Weight	kg	3,400



## Advantages at a glance

- Movable support table enabling fast and safe material handling
- Sawband guide via pre-tensioned carbide sliding guides, with free lift cylinder for fast sawband change
- Infinitely adjustable cutting speed and cutting feed
- Band arm guide height is adjusted hydraulically
- KASTO *ProControl* sawing machine control system with colour touchscreen
- Hydraulic sawband tensioning, electric monitoring, automatic switch-off in the event of breakage
- Swivelling operating panel provides optimum view of workpiece and sawband
- Direct input of the cutting depth via the saw control system
- Power-driven chip removal brush



# KASTObloc



## KASTObloc

Affordable solution for the most demanding requirements

**Low in price, high in performance.** KASTObloc is the perfect choice for individuals who do not depend on the performance data of the KASTObbs and need smaller blocks to be cut. KASTObloc excels in price and precision. The compact block bandsaw is affordable, but does not skimp on performance: It offers all the advantages of large block bandsaws – the same

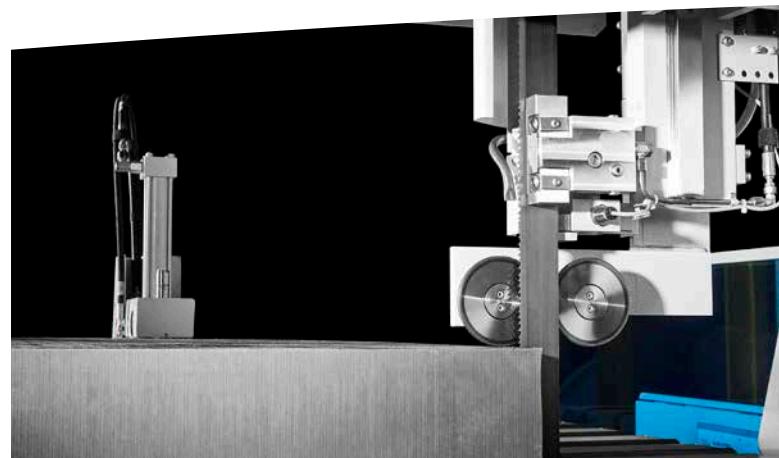
feed unit, that same cutting performance, the same cutting precision. And the same outstanding accessibility. You can reach all workpieces on the table by hand. The coolant compartment and chip conveyor are integrated into the table, and the length of the chip conveyor is the same as the saw length.

Technical data		KASTObloc U 5	KASTObloc A 5
Cutting height without <i>BandControl</i> (in automatic operation)	mm	580	580 (250)
Cutting height with <i>BandControl</i>	mm	540	540
Cutting depth (without measuring stops)	mm	660	660
Cutting length	mm	2,100 - 3,100 - 4,100	2,100 - 3,100 - 4,100
Loading capacity (outer table)	t	3.5 - 6.0 - 6.0	3.5 - 6.0 - 6.0
Loading capacity (inner table)	t	3.5 - 5.0 - 4.0	3.5 - 5.0 - 4.0
Height of table support	mm	1,200	1,200
Length	mm	4,560 - 5,560 - 6,560	4,560 - 5,560 - 6,560
Width including grating	mm	2,610	3,850
Height	mm	3,200	3,200
Weight	kg	7,500 - 8,000 - 8,500	7,500 - 8,000 - 8,500
Drive power	kW	4.0	4.0
Infinitely adjustable cutting speed	m/min	17 - 110	17 - 110
Sawband dimensions	mm	5,450 x 41 x 1.3 5,450 x 54 x 1.3	5,450 x 41 x 1.3 5,450 x 54 x 1.3

## Safe handling

KASTObloc delivers excellent performance for smaller block dimensions or lower plate weights (up to 6 tonnes). With KASTObloc, every manual movement is precise. The optimum handling aids on the KASTObloc are perfect for cutting remnant pieces. For example, a one-tonne block can be moved with one

finger. Thanks to the movable and swivelling operating panel, the KASTObloc *U* also provides maximum overview and safety.



Hydraulic pre-tensioned carbide sliding guides of the sawband



KASTObloc *A* operating panel with KASTO ProControl

Easy handling of heavy blocks and plates thanks to hydraulic lifting and lowering ball transfer tables.



Linear guide unit featuring backlash-free carriage adjustment



Plug-in mechanical clamping device.



Outer table expansion for processing large sized workpieces



## KASTObloc *U*



The KASTObloc *A* and *U* plate bandsaw machines can be used to cut various cross-sectional dimensions from billets and plates, rectangular or flat materials. The longitudinal sawing method makes this possible. The use of bi-metal or carbide sawbands enables the processing of all material qualities, including difficult-to-cut materials such as titanium, Hastelloy, or Inconel, with exceptional cutting performance.

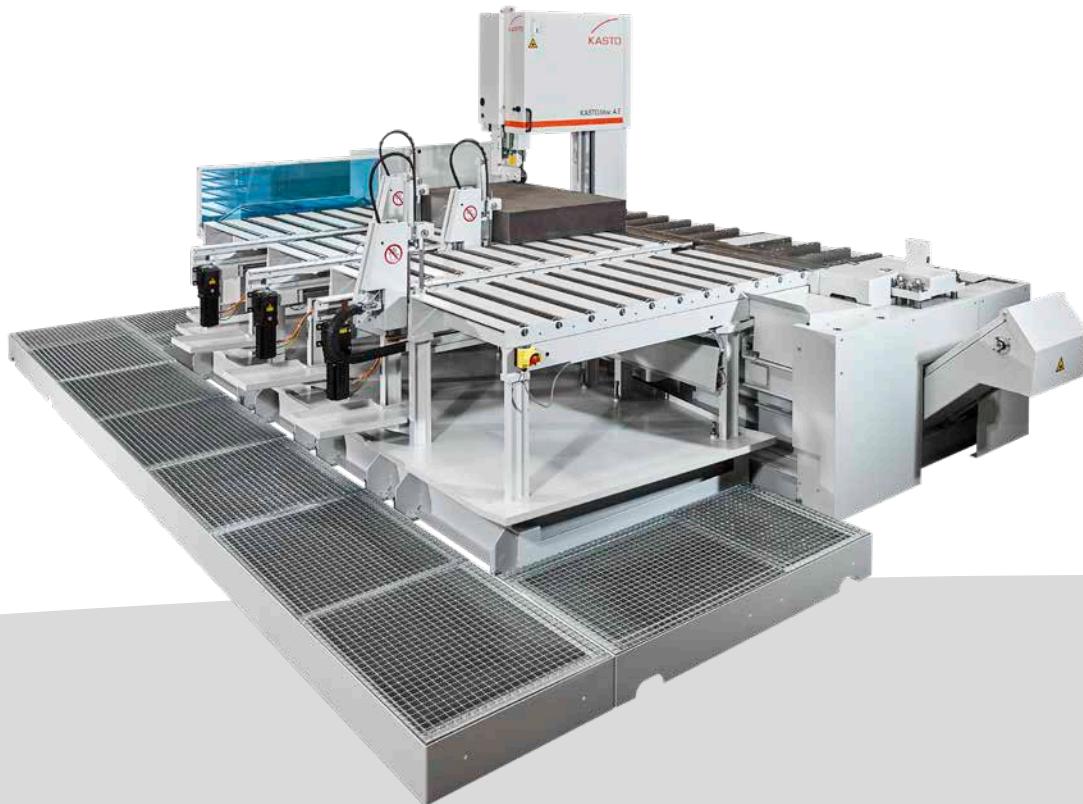
KASTObloc *A* and *U* are distinguished by their impressively small footprint. They require approximately 50% less space than comparable sawing machines because the workpiece does not travel with

the KASTObloc *A* or *U*. Plate bandsaw machines are installed on the work floor without the need for a foundation and can be repositioned as needed.

Cutting-edge design technology ensures exceptionally smooth and vibration-free operation, particularly when sawing difficult-to-cut materials. The machine stand features a solid welded construction designed for heavy-duty operation with an integrated coolant drip tray. The tension of the sawband is electrically monitored and triggers an automatic switch-off if the sawband breaks.

Technical data		KASTObloc <i>U</i> 5	KASTObloc <i>A</i> 5
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Cutting depth (without measuring stops)	mm	660	660
Cutting length	mm	2,100 - 3,100 - 4,100	2,100 - 3,100 - 4,100
Height of table support	mm	1,200	1,200
Sawband dimensions	mm	5,450 x 41 (54) x 1.3	5,450 x 41 (54) x 1.3

# KASTObloc A



KASTObloc A is also fitted with a plate feed unit consisting of two movable clamping devices for securing the plate on the rear end. The clamping jaws are hardened. This ensures that the clamping pressure remains constant when the clamping vices are moved. The vertical clamping vices are float-mounted to compensate for uneven plates. The clamping vices are moved via a linear guide unit featuring backlash-free carriage adjustment.

Both plate bandsaws are equipped with the KASTO *ProControl* saw control system.

Technical data	KASTObloc A 5	
<b>Plate feed unit</b>		
Plate height min/max	mm	10 / 250
Cut-off length min/max	mm	10 / 620
Remnant piece length	mm	50
Plate width max	mm	2,100 - 3,100 - 4,100
Plate length min/max	mm	1,000 / according to cutting length
Weight of the plate	kg	10,000

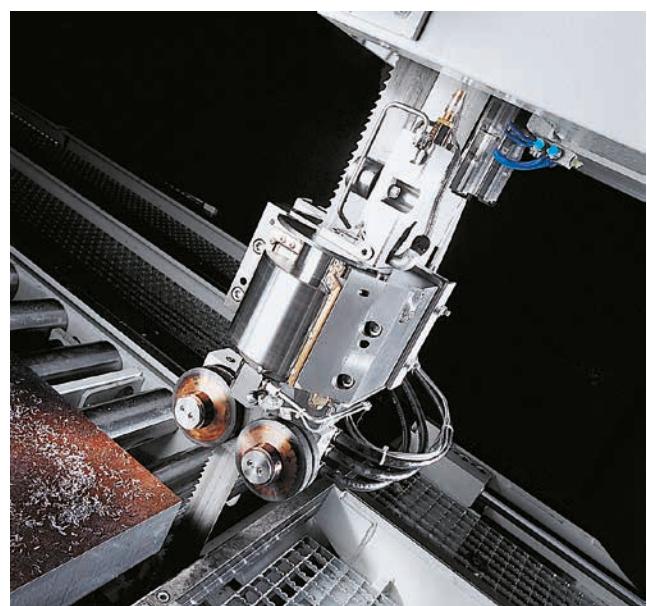


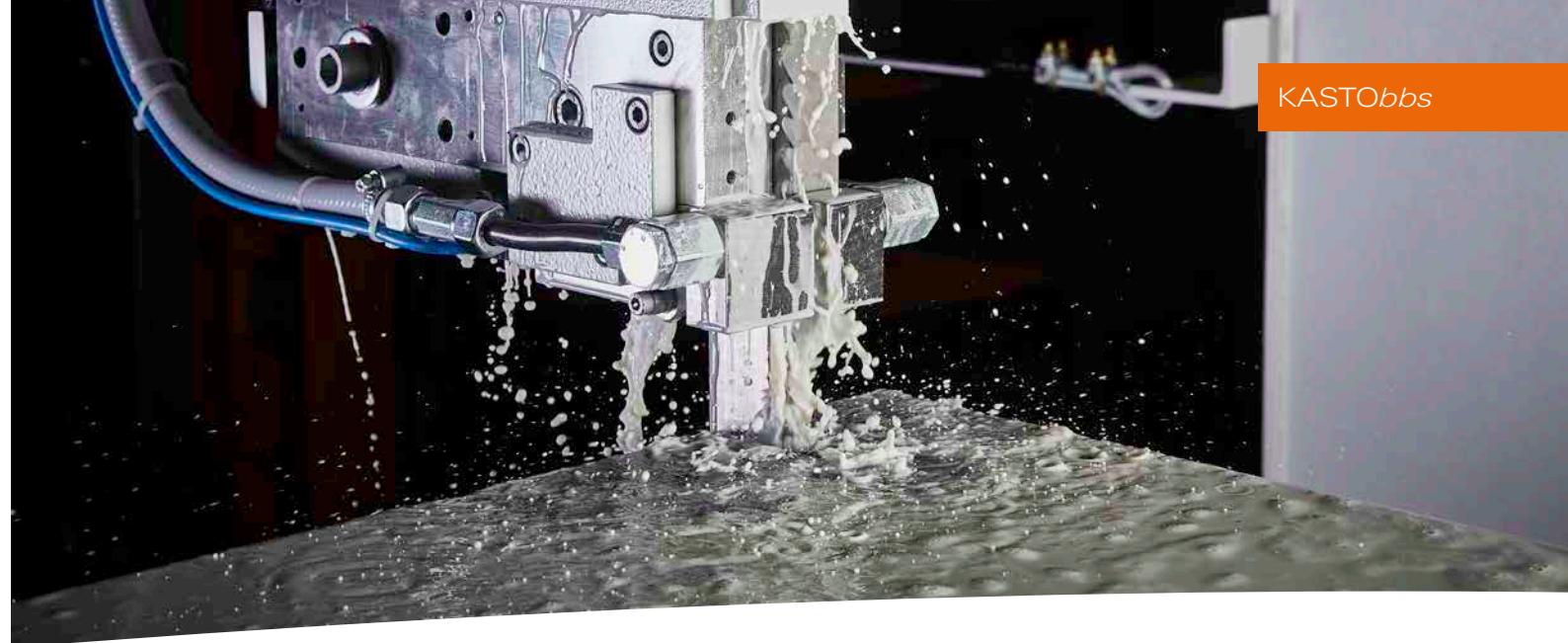
## KASTObbs

Efficient cutting of large dimensions

**Blocks, plates, notched cuts: with KASTO block bandsaws.** The ideal sawing machine for creating a wide range of dimensional cuts from billets or plates, rectangular or flat materials: KASTO block bandsaws designed for longitudinal sawing operations. This method is perfectly suited for cutting blocks and plates, trimming plate layers as well as making notched cuts. By using bi-metal or carbide sawbands enables the

processing of all material qualities, from aluminium to difficult-to-cut materials with exceptional cutting performance. KASTO block bandsaws have demonstrated their worth in steel production, steel trade, and tool and mould and die design and construction.



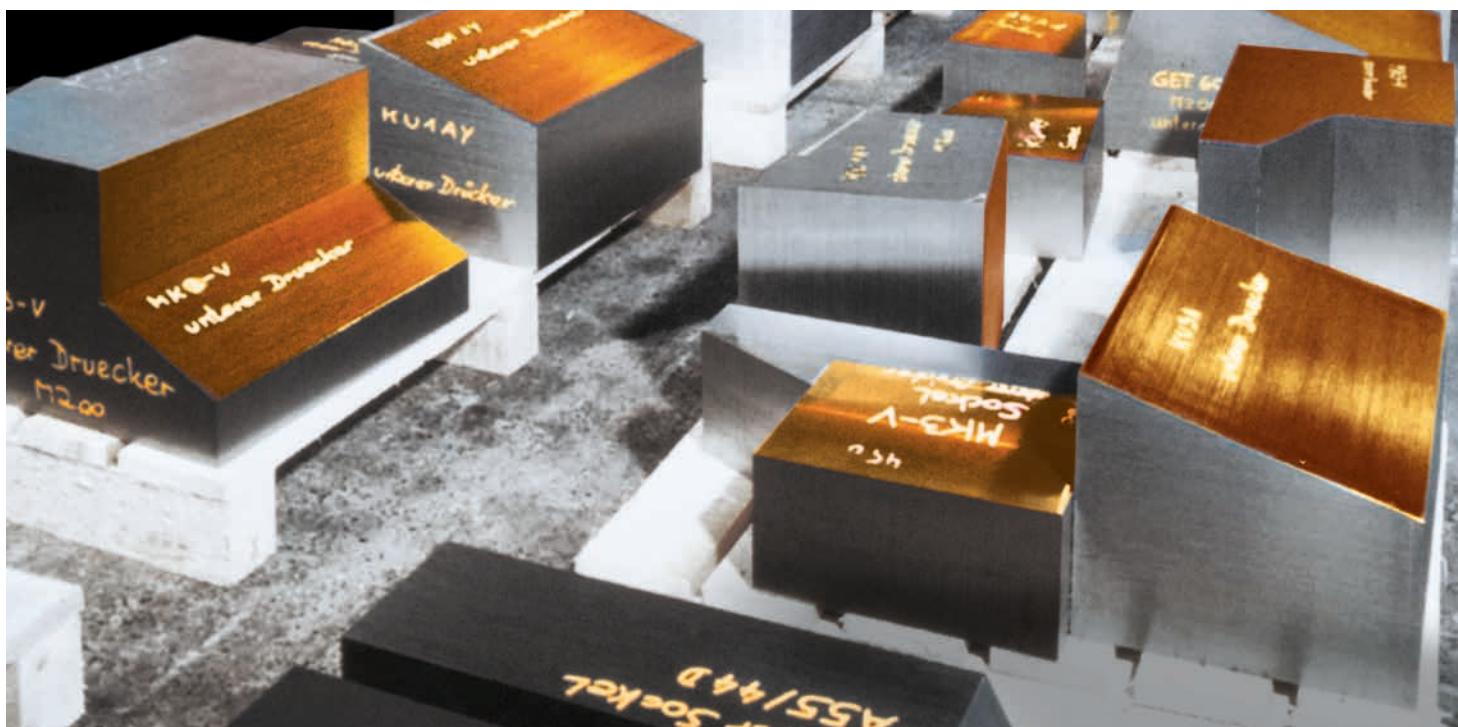


Cutting lengths up to 12,000 mm

KASTO block and plate saws are constructed with cutting heights from 360 mm to 1,860 mm; depending on the table length, maximum cutting lengths ranging from 2,000 mm to 12,000 mm are achievable.

Mechanical clamping devices are used to securely clamp a wide range of material shapes to the support table. Roller rails and roller lifting tables that can be raised and lowered hydraulically allow for quick positioning of the heaviest workpieces.

All machines feature infinitely variable remote adjustment of the band speed via plus/minus buttons on the operating panel. A broad range of accessories such as transport, measuring and clamping devices completes the options for customisation. For example, optional workpiece stops equipped with a digital display accelerate the setup process.





## Cost-effective, versatile and space-saving

KASTO block and plate band saws are characterised by their longitudinal cutting method. The saw head moves with pre-tensioned side-mounted rollers on precisely machined rails. The workpiece remains secured to the saw table. As a result, the footprint is approximately 50% smaller, leading to reduced occupancy costs.

The fully welded, torsion-resistant construction of the saw unit, with adjustable height of the band guides, ensures quiet running and vibration-free operation for accurate results. Result: shorter cutting times and increased tool life. The electronically controlled saw feed guarantees short cutting times, since it can be adjusted optimally to the material quality and material cross-section. The sawband speed is also infinitely variable.

The range of accessories such as transport, measuring and clamping devices completes the options for customisation. For example, optional workpiece stops equipped with a digital display accelerate the setup process. Mechanical clamping devices are used to securely clamp a wide range of material shapes to the support table. Roller rails and roller lifting tables that can be raised and lowered hydraulically allow for quick positioning of the heaviest workpieces.

## KASTObbs U 8x10



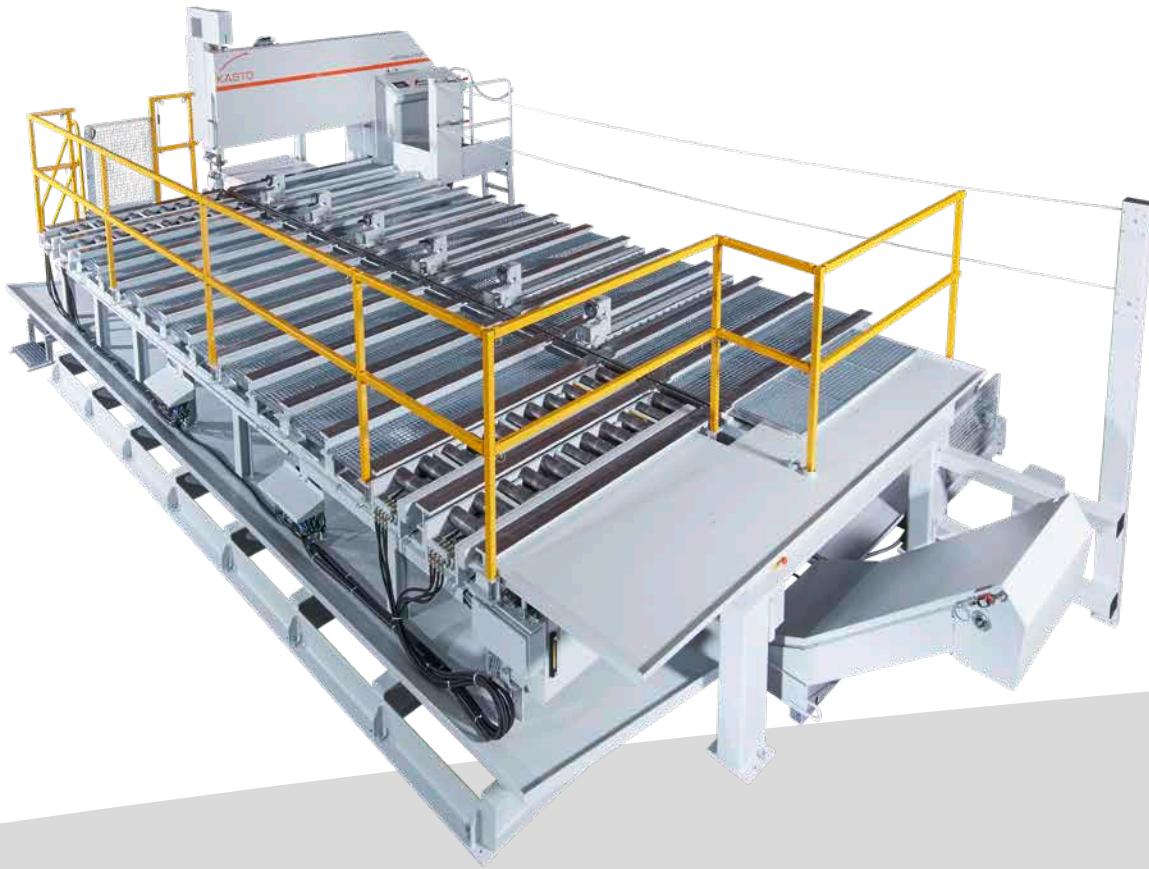
### Designed and engineered for people and technology

The ideal sawing machine for heavy-duty operation boasts an astonishingly calm superiority despite its impressive presence. The KASTObbs showcases outstanding handling with a high automation level, adept at managing heavy weights and large dimensions.

All operating elements are located on the moving operating panel. This ensures a clear view of the workpiece and sawband as well as perfect control over the work process. The electronically controlled saw feed guarantees optimum feed adjustment. With its sturdy construction and guides, the KASTObbs is ideal for all applications in heavy industry production.

The saw head's welded construction, developed specifically for heavy-duty operation, enables remarkably smooth operation with virtually no vibrations. The result: reduced cutting times and optimum utilisation of the sawband life. The perfect solution for all qualified sawing applications, whether in steel trade businesses or steel mills: KASTObbs.

## KASTObbs U 3x20



### Focussed on maximum precision

**Outstanding cost-effectiveness: The “KASTO effect” at its finest.** By investing in design nuances, KASTO ensures not only a reduction in non-productive times but also a long service life for the sawbands, thanks to outstanding smooth operation and the generous design of all machine components. Each component has proven itself in robust operations in heavy industrial applications around the globe.

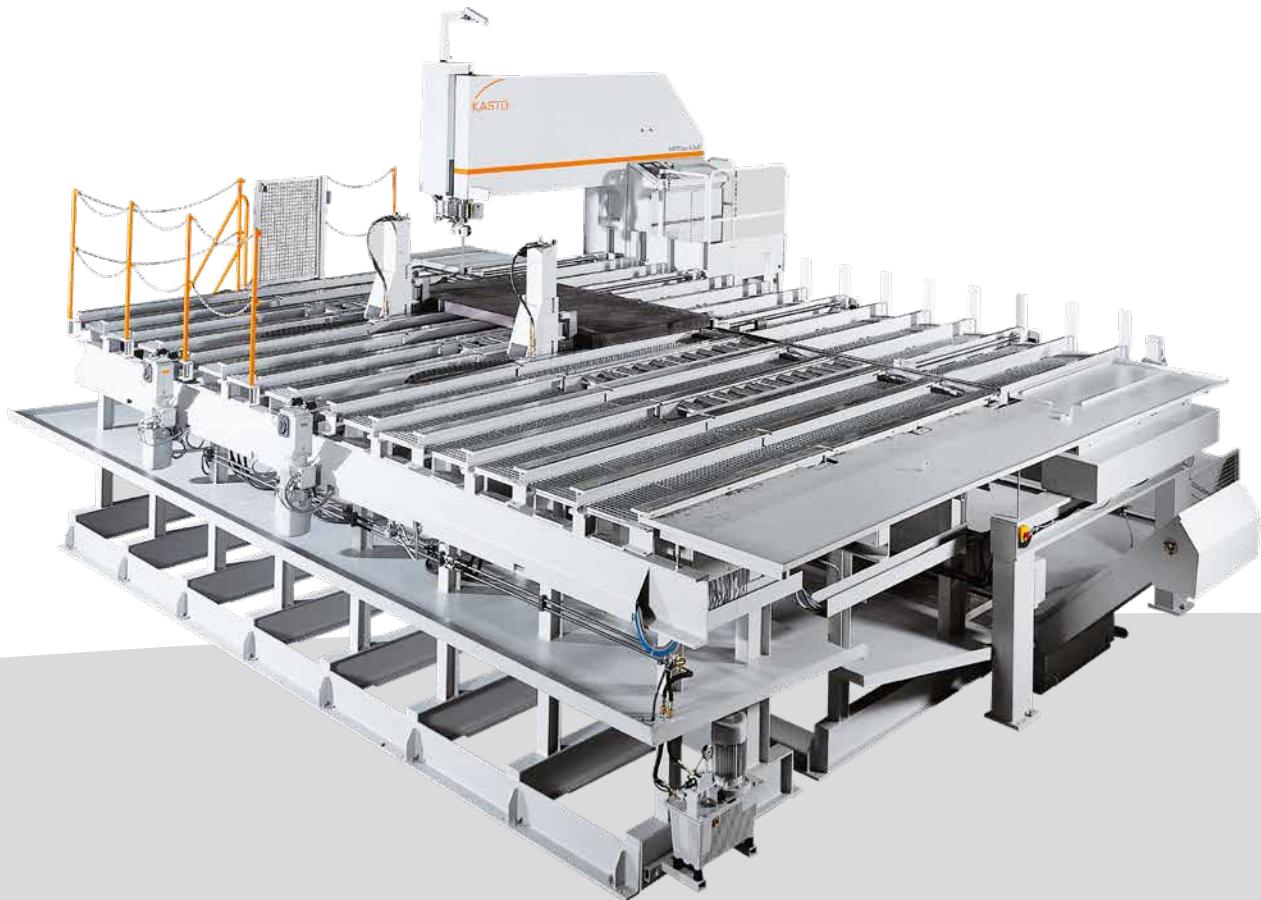
**Safe and easy operation.** All display and operating elements are positioned on the moving control panel, ensuring the best possible visibility of the workpiece and safe control throughout the cutting process.

The optional infrared remote control allows for the activation of the saw frame movements and the horizontal and vertical movement of powered roller rails, providing greater freedom of movement and control during setup.

On all KASTObbs bandsaws, the hydraulically pre-tensioned carbide sliding guides are fitted with free lift cylinders for fast and easy sawband change.

**Lowers costs and saves time:** Close contour notched cuts. The KASTObbs covers a wide variety of sawing tasks thanks to its universal application possibilities. For example, pre-cutting blocks and plates for “batch size 1” extremely close to their final dimensions. This significantly reduces the machining time required for subsequent machining steps, in particular milling operations. Another advantage: The notched “scrap pieces” remain intact for further use (for examples, see figure on page 11). This also reduces the number of different material sizes, and thus the amount of capital tied up in stock.

## KASTObbs A 3x20



### Automation options for the KASTObbs:

- Additional table and automatic feed units transform any KASTObbs U into an automated KASTObbs A
- Hydraulically driven roller rails for loads up to 7.5 t per rail with separate hydraulic unit
- Electromotive movable workpiece stop
- Electro-permanent clamping magnets

Technical data		A / U 3x20	A 3x30	A / U 4x16	U 5x10	U 6x16
Drive power	kW	7.5	7.5	7.5	7.5	7.5
Cutting speed	m/min	14 - 75	14 - 75	14 - 75	12 - 120	14 - 75
Cutting height (including BC)	mm	420 (360)	420 (360)	520 (420)	560	720 (660)
Cutting depth	mm	2,060	3,060	1,660	1,060	1,660
Cutting length from - to (1,000 mm steps)	mm	3,000 - 9,000	3,000 - 14,000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000
Loading capacity outer table per 1,000 mm table length	t	8	16	8	8	8
Width of table support outer table	mm	2,000	3,500	1,500	1,500	1,500
Width of table support inner table	mm	2,060	3,060	1,660	1,060	1,660
Height of table support	mm	1,550	1,955	1,550	1,360	1,550

## Dimensions/weights with table length of 3,000 m

Length	mm	6,850	7,670	6,850	6,650	6,850
Width (with open protective cover)	mm	5,915 (7,080)	8,855 (7,080)	5,000 (6,360)	4,095 (5,020)	5,000 (6,360)
Height (without laser)	mm	3,650	4,050	3,490	3,620	3,690
Loading capacity (outer table)	t	24	48	24	24	24
Weight	kg	15,000	24,000	13,500	11,000	14,000

Technical data		U 8x10	U 8x16	A / U 8x20	U 10	U 10x20
Drive power	kW	7.5	7.5	7.5	7.5	7.5
Cutting speed	m/min	14 - 75	14 - 75	14 - 75	14 - 75	14 - 75
Cutting height (incl. BC)	mm	920 (860)	920 (860)	920 (860)	1,120 (1,060)	1,120 (1,060)
Cutting depth	mm	1060	1,660	2,060	1,060	2,060
Cutting length from - to (1,000 mm steps)	mm	3000 - 9000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000
Loading capacity outer table per 1,000 mm table length	t	8	8	8	8	8
Width of table support outer table	mm	1500	1,500	2,000	1,500	2,000
Width of table support inner table	mm	1060	1,660	2,060	1,060	2,060
Height of table support	mm	1360	1,550	1,550	1,360	1,550

## Dimensions/weights with table length of 3,000 m

Length	mm	6650	6,850	6,850	6,650	6,850
Width (protective cover open)	mm	4070 (5,010)	5,000 (6,155)	5,915 (7,080)	4,070 (5,010)	5,915 (7,080)
Height (without laser)	mm	3620	3,890	4,150	4,060	4,350
Loading capacity (outer table)	t	24	24	24	24	24
Weight	kg	11500	15,000	15,500	12,000	16,000

Technical data		U 10x25	U 12x15	U 13x10	U 15x10	U 15
Drive power	kW	7.5 - 11.0	7.5 - 11.0	7.5 - 11.0	7.5 - 11.0	7.5 - 11.0
Cutting speed	m/min	14 - 75	8 - 80	14 - 75	14 - 75	8 - 80
Cutting height	mm	1,120	1,320	1,420	1,620	1,620
Cutting height (including BC)	mm	1,060	1,260	1,360	1,560	1,560
Cutting depth	mm	2,560	1,560	1,060	1,060	1,560
Cutting length from - to (1,000 mm steps)	mm	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000
Loading capacity outer table per 1,000 mm table length	t	8	17	8	8	17
Width of table support outer table	mm	2,650	2,000	1,500	1,500	2,000
Width of table support inner table	mm	2,560	1,560	1,060	1,060	1,560
Height of table support	mm	1,934	1,740	1,360	1,360	1,740
<b>Dimensions/weights with table length of 3,000 m</b>						
Length	mm	7,650	7,000	6,650	6,650	7,000
Width	mm	7,175	5,280	4,070	4,070	5,280
Width with open protective cover	mm	8,370	6,440	5,010	5,010	6,440
Height (without laser)	mm	4,350	4,275	4,120	4,320	4,575
Loading capacity (outer table)	t	24	50	24	24	50
Weight	kg	22,000	18,000	13,000	13,500	18,500

Technical data		U 16x20	U 18x8	U 18x15	U 20
Drive power	kW	7.5 - 18.0	7.5 - 18.0	7.5 - 18.0	7.5 - 18.0
Cutting speed	m/min	8 - 80	8 - 80	8 - 80	8 - 80
Cutting height	mm	1,720	1,860	1,920	2,120
Cutting height with cutting control (BC)	mm	1,660	1,800	1,860	1800 x 2060/ 2060 x 1800
Cutting depth	mm	2,060	800	1,560	2,060
Cutting length from - to (1,000 mm steps)	mm	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000	3,000 - 9,000
Loading capacity outer table per 1,000 mm table length	t	23	23	23	23
Width of table support outer table	mm	2,000	2,000	2,000	2,000
Width of table support inner table	mm	2,060	800	1,560	2,060
Height of table support	mm	1,955	1,955	1,740	1,955
<b>Dimensions/weights with table length of 3,000 m</b>					
Length	mm	7,650	7,650	7,650	7,650
Width	mm	5,970	4,465	5,450	5,970
Width (protective cover open)	mm	7,255	5,655	6,660	7,255
Height (without laser)	mm	6,450	6,800	6,800	7,250
Loading capacity (outer table)	t	70	70	70	70
Weight	kg	21,000	17,000	20,500	22,500

# Perfection straight from the factory

## Standard features of the KASTObbs

- KASTO *ProControl* sawing machine control system
- Frequency-controlled saw motor
- Chip conveyor with coolant drip tray and pump
- Power-driven chip removal brush
- Hydraulic and electrical control of sawband tensioning
- Control of the minimum speed of the sawband
- Plate feed unit (2 pieces)
- Roller rails (2 pieces)

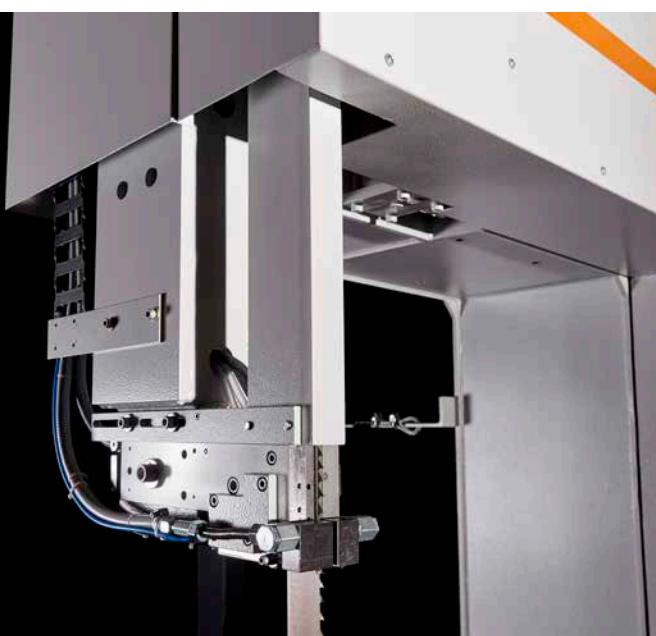


Laser lamp for projecting the cutting line onto the workpiece

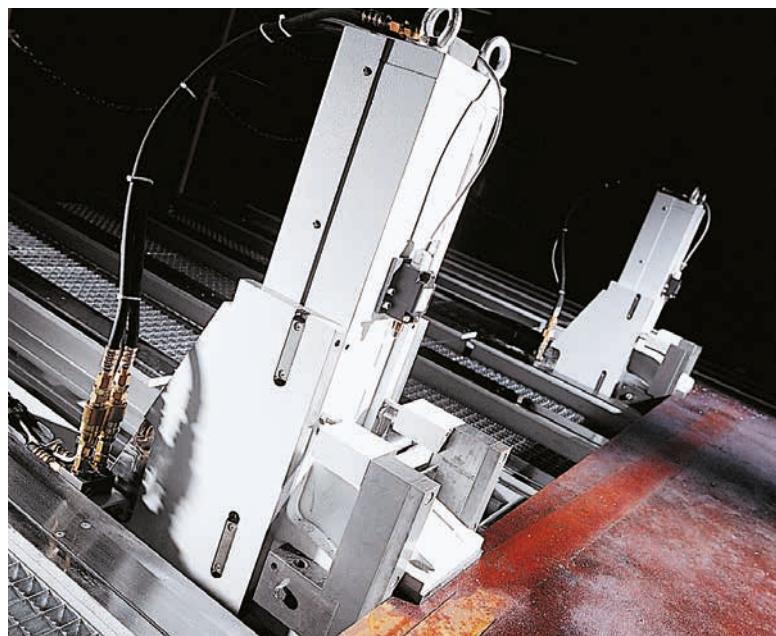


The sawing unit moves along hardened rollers  
on wear-resistant rails

Hydraulic clamping device for securing plates



Hydraulic pre-tensioned carbide sliding guides of the sawband  
fitted with free lift cylinders for sawband change



# Perfection straight from the factory

## Optional features for the KASTObbs

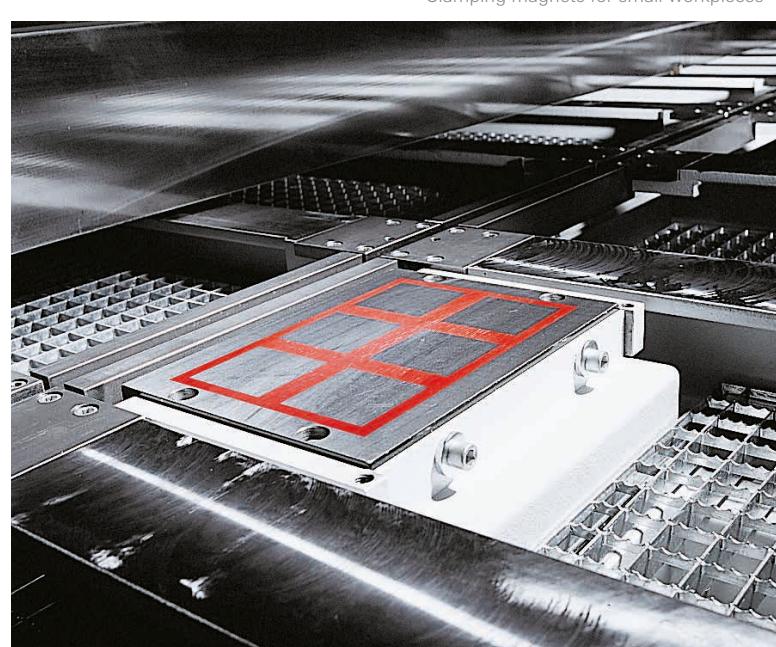
- Additional stop plate
- Mechanical workpiece stop
- Motorised adjustable workpiece stop
- Additional support beam
- Manual clamping device
- Infrared remote control for the saw unit
- Heating for hydraulic oil
- Cooling for hydraulic oil
- Heating for control cabinet
- Heating for coolant
- Laser lamp
- Clamping magnets for inner and outer table
- Lifting and lowering roller rails
- Additional table and automatic feed units transform any KASTObbs U into an automated KASTObbs A.
- Hydraulically driven roller rails for loads up to 7.5 t per rail with separate hydraulic unit
- Electromotive movable workpiece stop
- Electro-permanent clamping magnets for the front and rear material support table



Mechanical workpiece stop, quick and easy to adjust



Handling aid for the heaviest of workpieces: hydraulic lifting and lowering powered roller rails



Clamping magnets for small workpieces



Hydraulic workpiece stop for positioning plates on automatic block bandsaws



## KASTOcross

High-performance plate bandsaw machines for moderate to heavy use in production.

Technical data		U/A 4 x 12	U/A 6 x 16	U/A 6 x 20	U/A 6 x 25
Cutting range, flat H x W	mm	460 x 1270	660 x 1660	660 x 2060	660 x 2560
Clamping range	mm	480 x 1270	480 x 1660	480 x 2060	900 x 2560
Plate height min	mm	10	10	10	10
Shortest cut-off length	mm	10	10	20	20
Remnant length in automatic operation (A)	mm	30	30	30	30
Machine width (U/A)	mm	2,000 / 5,500	2,400 / 6,000	2,400 / 6,000	2,400 / 6,000
Machine depth including chip conveyor	mm	5,780	7,500	8,300	8,300
Machine height approx.	mm	2,780	3,600	3,600	3,885
Material support height approx.	mm	1,250	1,650	1,650	1,650
Total machine weight (U/A) approx.	kg	5,500 / 10,000	8,000 / 14,000	9,500 / 16,000	15,000 / 21,500
Total connected load / saw motor	kW	10.0 / 4.0	15.0 / 7.5	15.0 / 7.5	18.0 / 7.5
Infinitely adjustable cutting speed	m/min	12 - 120 (at 50/60 Hz)	10 - 120 (at 50/60 Hz)	10 - 120 (at 50 Hz)	12 - 120 (at 50 Hz)
Saw feed infinitely variable	mm/min	0.5 - 250	0.5 - 250	0.5 - 250	0.5 - 250
Sawband dimensions	mm	7,417 x 41 x 1.3	10,693 x 54 x 1.6 10,693 x 67 x 1.6	10,693 x 54 x 1.6 10,693 x 67 x 1.6	11,582 x 54 x 1.6 11,582 x 67 x 1.6
Automatic material feed length single (A)	mm	600	600	600	600
Optional					
Automatic material feed length single (A)	mm	1,500	1,500	1,500	1,500
Automatic material feed length single (A)	mm	3,000			
Automatic material feed length multiple	mm	9,999	9,999	9,999	9,999

(A = Automatic; U = Semi-automatic)



For sawing light to moderate-heavy blocks and plates, such as billets or plates and/or rectangular or flat materials. Heavy-duty block and plate bandsaw with parallel vertically moving sawband for cutting billets or plates, rectangular or flat materials in all qualities,

particularly for tool steel and difficult-to-cut materials such as titanium, Hastelloy or Inconel.

## Moving heavy weights with ease

To clamp material on the machine table, a hydraulic horizontal vice equipped with drop down jaws is mounted on the cut-off side. There is also a similarly equipped feed vice that is hydraulically activated.

The material is fed via a roller conveyor integrated into the NC-controlled material feed unit (powered as an option). Intermediate plates cover the short roller distances (108 mm), and a wide material support is located on both sides of the sawband ensuring that remnants can also be placed and cut with ease. The automatic material feed allows a feed ranging between 10 and 3,000 mm in one stroke, feeds of up to 9,999 mm are possible with multiple strokes. There is also a "chain dimension feed," which reduces the number of clamping operations in series cutting mode for sections less than 250 mm in length.

The remnant length in automatic mode is only 35 mm, which ensures excellent material utilisation. A coolant system and chip conveyor are part of the standard equipment included with high-performance plate bandsaw machines from the KASTOCross series. The universal control system *KASTO ProControl* is used. Together with the operating elements, it is installed centrally and ergonomically at the front of the machine.

## KASTOcross A 4x12



## Effectiveness and economics for cross-cutting of plates.

The KASTOcross machines are designed as vertical bandsaws with a vertical saw head and feature a heavy-duty construction. The parts to be cut only need to be placed on the roller conveyor once by crane or a similar method. A high level of rigidity and stability is ensured by the combination of two large-sized backlash-free profile rail guides and three guide carriages, the torsion-resistant, ribbed welded construction, and a frequency-controlled ball screw drive for the feed of the saw head. This results in a sawing process that generates minimum vibrations, which is

beneficial for the tool and the machine. This allows for higher feed rates, leading to shorter cutting times. Simultaneously, it ensures consistent, precise cuts with a superior surface finish.

The sawband is guided by carbide sliding jaws that are hydraulically pre-tensioned, and wear-resistant rollers are fitted to the rear band guide. In addition, the tension of the sawband is monitored to ensure that, in combination with the sawing machine and saw feed control, optimum cutting results are always

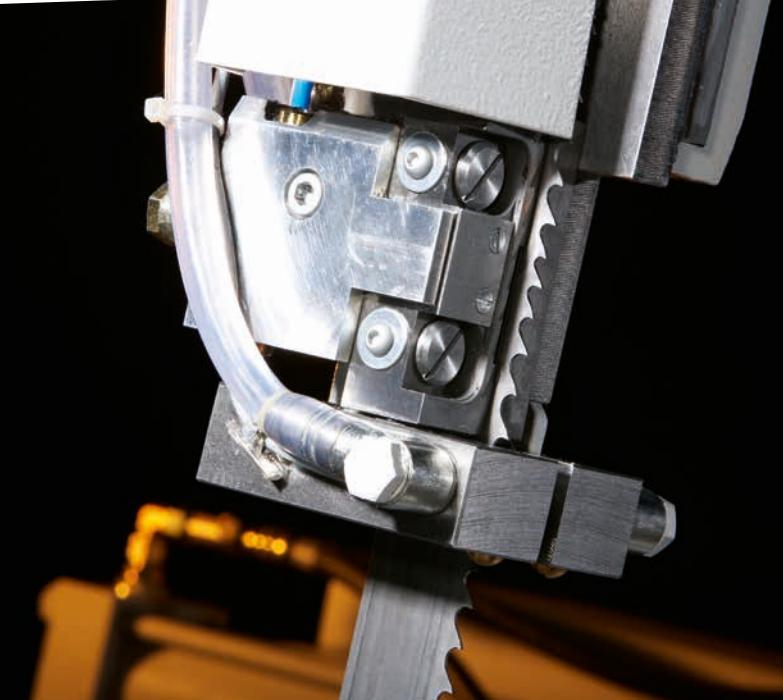
Technical data		U/A 4 x 12	U/A 6 x 16	U/A 6 x 20	U/A 6 x 25
Cutting range, flat H x W	mm	460 x 1270	660 x 1660	660 x 2060	660 x 2560
Clamping range	mm	480 x 1270	480 x 1660	480 x 2060	900 x 2560
Plate height min	mm	10	10	10	10
Shortest cut-off length	mm	10	10	20	20
Sawband dimensions	mm	7,417 x 41 x 1.3	10,693 x 54 x 1.6 10,693 x 67 x 1.6	10,693 x 54 x 1.6 10,693 x 67 x 1.6	11,582 x 54 x 1.6 11,582 x 67 x 1.6
Automatic material feed length single (A)	mm	600	600	600	600

achieved. Depending on the size of the KASTOCross, the main sawband drives are equipped with powerful motors ranging from 4 to 10 kW. A helical bevel gear unit provides power to the sawband running wheel.

## All advantages at a glance

- Sawband guide through hydraulically pre-tensioned carbide guides
- Electronic monitoring of the hydraulic sawband tension
- Infinitely variable cutting speed, centrally adjustable
- KASTO ProControl sawing machine control system for easy, fast and reliable operation and adjustment of saw parameters

- Clamping device for extremely short remnants
- Reduced cutting time by max. 50 – 60% compared to a horizontal bandsaw machine with a comparable cutting range
- Reduced tool costs by approx. 50 – 70% compared to a horizontal bandsaw machine
- Reduced setup time for material changes, particularly for remnants, by placing material directly onto the machine feed roller conveyor using an overhead crane
- Optimum machine handling thanks to the ergonomic placement of the operating panel at the front
- Extended material feed from 1,500 or 3,000 mm available upon request



# KASTO - Saws. Storage. And more.

## Expertise right down the line

For over 180 years, KASTO has been synonymous with quality and innovation. In addition to metal saws and automatic storage systems for bar stock and sheet metal, KASTO also provides customised solutions for material logistics. Intelligent software

solutions and the expert KASTO service complete the product portfolio. Thanks to continuous technological advancements and ongoing optimisation of machine designs, KASTO has become the leading provider of metal sawing and storage solutions.

### Sawing machines from KASTO



KASTO's range of saws includes hacksaws, band saws and circular saws, including everything from saws for the machine shop to high-performance fully automatic machines. [www.kasto.com/saegen](http://www.kasto.com/saegen)

### Storage solutions from KASTO



Speedy access, optimum space utilisation and a clear storage overview are characteristic of all KASTO storage systems. [www.kasto.com/lager](http://www.kasto.com/lager)

### KASTO Service



Quick availability of spare parts and individualised support are a high priority. KASTO retrofit transforms your trusted systems to meet current demands. [www.kasto.com/service\\_de](http://www.kasto.com/service_de)

### KASTO SmartSolutions



KASTO offers a wide range of digital automation solutions to increase the performance, flexibility and cost efficiency of metal processing and storage. [www.kasto.com/smart\\_de](http://www.kasto.com/smart_de)

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