



**KASTO. From the Beginning.**

Metal Sawing Machines and Storage Systems for Workshops.

## No Compromises!

## KASTO's Entire Know-How is in the Compact Saw and Universal Saw Program.

Profitability depends upon the right decisions.

KASTO offers a diversified program of sawing machines for workshops – especially designed for small to medium-sized companies. Extremely reliable and precise machines are available even for small or occasional cutting jobs. KASTO's experience and know-how can be found in every compact saw and universal saw. Quality without compromises.

A convincing rate of price and performance.

The investment in a KASTO saw is always worthwhile. Especially compact and universal cut saws offer a compelling price-performance ratio for the workshop and training facilities as well as for the metal working industry.

## The Way to Find the Right Machine: The KASTO Quickfinder for Compact Saws

	KASTOhbs 1 / 2	KASTOpsb 2 / 4	KASTOradial M 4 / M 6	KASTOradial M7/10/U7/10	KASTOdelu U12 / U14 / U20	KASTOmicut P 1.8	KASTOmicut P 2.6	KASTOmicut E 2.6 / U 2.6	KASTOmicut A 2.6
Criteria									
<b>Saw Type</b>									
Power Hacksaw	●	●							
Band Saw					●	●	●	●	
Circular Saw			●	●	●				
<b>Degree of Automation</b>									
Single cut, manual	■	■	■	■	–	■	■	■	–
Single cut, semi-automatic	–	–	–	■	■	–	–	■	■
Serial cut, fully automatic	–	–	–	–	–	–	–	–	■
<b>Type of Cut</b>									
90° cut	■	■	■	■	■	■	■	■	■
Miter cut, one side	□	□	■	■	■	■	■	■	■
Miter cut, both sides	–	–	■	■	■	–	■	■	■
<b>Material Quality</b>									
Structural steels	■	■	■	■	–	■	■	■	■
Difficult to cut material	□	■	–	□	–	□	□	■	■
Aluminium	■	■	□	□	■	■	■	■	■
Plastic	□	□	□	□	■	□	□	□	□

■ suitable   □ partly suitable   – not suitable

Complete program,  
complete service.

You can always rely on a comprehensive and individual consultation as well as on fast service and reliable spare parts service. The table below allows you to find the right machine based on performance and application. Visit KASTO on the internet to find the complete program with all technical information with one click: [www.KASTO.com](http://www.KASTO.com)

## ... and Universal Saws.

Criteria	KASTomicut E 4.6	KASTomicut U 4.6	KASTOverso A 2	KASTotwin U 4	KASTOwin A 3.3	KASTOwin A 4.6
<b>Saw Type</b>						
Power Hacksaw						
Band Saw	●	●	●	●	●	●
Circular Saw						
<b>Degree of Automation</b>						
Single cut, manual	■	–	–	–	–	–
Single cut, semi-automatic	–	■	■	■	■	■
Serial cut, fully automatic	–	–	–	■	–	■
<b>Type of Cut</b>						
90° cut	■	■	■	■	■	■
Miter cut, one side	■	■	■	–	–	–
Miter cut, both sides	–	■	–	–	–	–
<b>Material Quality</b>						
Structural steels	■	■	■	■	■	■
Difficult to cut material	□	□	□	□	■	■
Aluminium	■	■	■	■	■	■
Plastic	□	□	□	□	□	□

■ suitable   □ partly suitable   – not suitable



# Made by KASTO

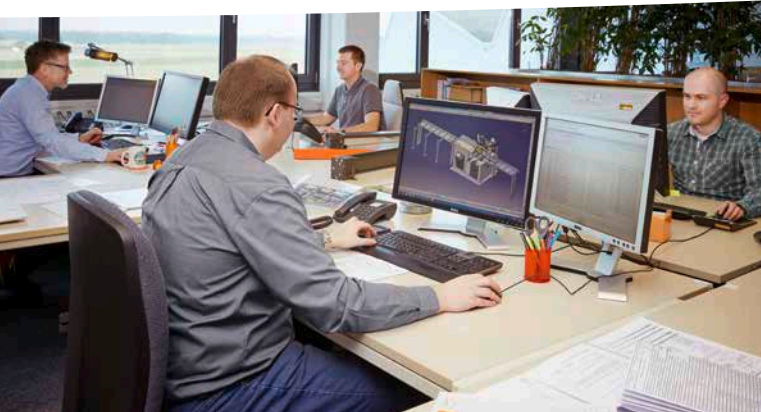
Not “just” delivering saws and storage systems:  
KASTO offers More ...

Perfect sawing and storing – this demand is not enough for KASTO. The company relies on added values which pay off for customers and employees in hard cash. “More Profile”, for example, stands for corporate values such as customer success orientation, reliability and progressiveness and “More Responsibility” stands for resilience and durability of the products, customer relations and corporate decisions. KASTO is committed to Germany as a location for industry and to Quality “Made in Germany”.

KASTO’s core competences lie in technology and product development affected by high creativity as well as in solid machine construction. That’s why it’s not just assembled at KASTO but important parts are also manufactured.



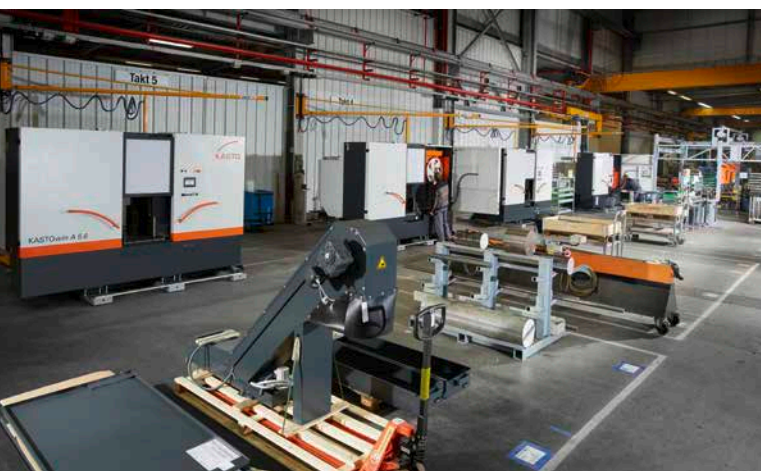
Development and design engineering.



Manufacturing.



Assembly.



Show room.



# Power Hacksaws

The KASTO power hacksaw is the right choice when metal is only cut occasionally. Very universal in use and especially space saving due to the small dimensions. Particularly cost-effective and easy to operate.

## Semi-automatic power hacksaws KASTOhbs 1 and KASTOhbs 2

### Characteristics:

- Two cutting speeds
- Infinitely adjustable cutting feed
- Pendulum vice
- Coolant system
- Automatic limit stop

Technical Data		KASTOhbs 1		KASTOhbs 2	
Cutting range		● / ■ / ■		● / ■ / ■	
90°	mm	210 / 240 x 190 / 210 x 210		250 / 280 x 200 / 230 x 230	
+ 45°	mm	150 / 150 x 100 / 130 x 210 / 145 x 145		180 / 170 x 200 / 155 x 235 / 170 x 170	
L x W x H (lowered position)	mm	1.190 x 480 x 810		1.385 x 505 x 960	
Height, highest position	mm	1.230		1.220	
Material support height	mm	500		500	
Total weight	kg	170		180	
Dimensions of saw blade	mm	400 x 30 x 1,5		450 x 40 x 2	
Cutting speed	m/min	16 / 32		16 / 32	



## Fully hydraulic production power hacksaws KASTOpsb 2 and KASTOpsb 4

### Characteristics:

- Six cutting speeds
- Infinitely adjustable hydraulic cutting feed
- KASTO Universal Hydraulic UH
- Pendulum vice
- Coolant system
- Automatic limit stop

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 / 150 x 250 / 170 x 170		250 / 250 x 250 / 250 x 320 / 250 x 250	
L x W x H (lowered position)	mm	1.500 x 650 x 1.000		1.830 x 710 x 1.170	
Height, highest position	mm	1.320		1.605	
Material support height	mm	600		600	
Total weight	kg	540		720	
Dimensions of saw blade	mm	450 x 40 x 2		600 x 50 x 2	
Cutting speed	m/min	11/14/18/22/28/36		11/13/17/22/26/34	



# Circular Saws for Steel

**KASTO***radial*: For Individual Cuts, Straight and Mitre Cutting.

## Manual circular saw **KASTO***radial M 4*

### Characteristics:

- Two cutting speeds
- Double clamping vice with quick clamping lever for optimal material clamping
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller

Technical Data		<b>KASTO</b> <i>radial M 4</i>	
Cutting range		● / ○ / □ / □	
90°	mm	45 / 65 / 80 x 55 / 65 x 65	
- 45°	mm	40 / 60 / 40 x 60 / 40 x 40	
+ 45°	mm	40 / 60 / 40 x 60 / 40 x 40	
Length x width x height without base (with base)		mm	900 x 1.160 x 790 (1.530)
Material support height		mm	950
Total weight (with base)		kg	167 (197)
Performance characteristics			
Total power		kW	4,0
Saw motor, power		kW	1,5 / 2,2
Cutting speed		m/min	46 / 92
Dimensions of saw blade		mm	275 x 2,5 x 32



Machine base (accessory)

## Manual circular saw **KASTO***radial M 6*

### Characteristics:

- Two cutting speeds
- Double clamping vice with quick clamping lever for optimal material clamping
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller

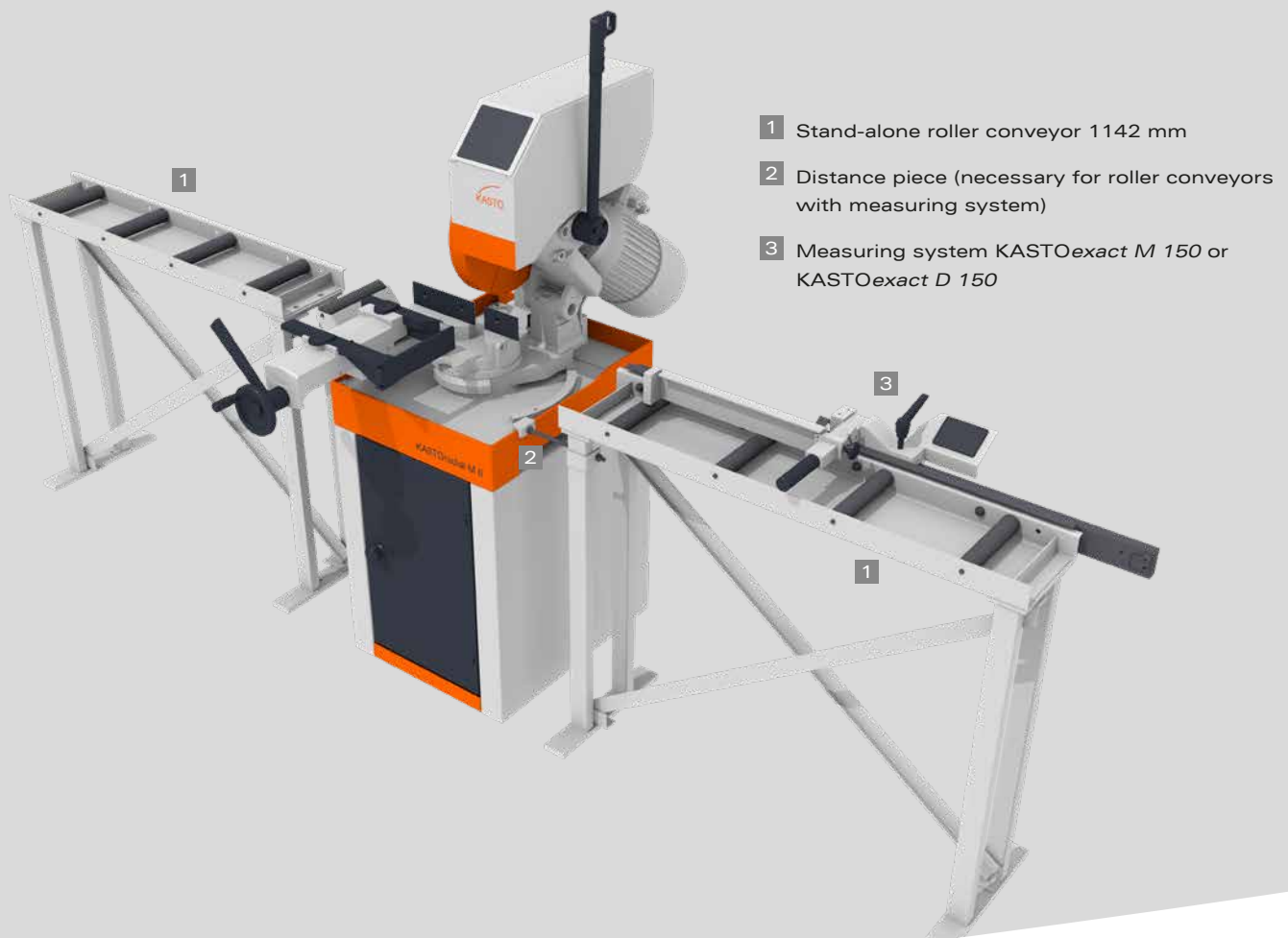
Technical Data		<b>KASTO</b> <i>radial M 6</i>	
Cutting range		● / ○ / □ / □	
90°	mm	65 / 90 / 120 x 70 / 85 x 85	
- 45°	mm	60 / 70 / 70 x 50 / 65 x 65	
+ 45°	mm	60 / 80 / 75 x 70 / 70 x 70	
Length x width x height with base (without base)		mm	940 x 1.230 x 1.800 (820)
Material support height		mm	950
Total weight (with base)		kg	207 (257)
Performance characteristics			
Total power		kW	4,0
Saw motor, power		kW	1,5 / 2,2
Cutting speed		m/min	26 / 53 or 53 / 106
Dimensions of saw blade		mm	315 x 2,5 x 32

Machine base (accessory)



Machine base (accessory)





- 1 Stand-alone roller conveyor 1142 mm
- 2 Distance piece (necessary for roller conveyors with measuring system)
- 3 Measuring system KASTOexact M 150 or KASTOexact D 150

### Manual circular saw KASTOradial M 7

#### Characteristics:

- Two cutting speeds
- Double clamping vice with quick clamping lever for optimal material clamping
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller
- Chip knocker wheel and chip drawer

Technical Data		KASTOradial M 7
Cutting range		● / ○ / □ / □
90°	mm	70 / 95 / 130 x 75 / 85 x 85
- 45°	mm	70 / 95 / 90 x 75 / 80 x 80
+ 45°	mm	70 / 95 / 95 x 75 / 80 x 80
+ 60°	mm	70 / 80 / 65 x 70 / 65 x 65
Length x width x height	mm	450 x 800 x 1.700
Material support height	mm	950
Total weight	kg	270
Performance characteristics		
Total power	kW	4,0
Saw motor, power	kW	1,0 / 1,8 or 1,3 / 1,8
Cutting speed	m/min	17 / 34 or 34 / 68
Dimensions of saw blade	mm	315 x 2,5 x 32



## Manual circular saw KASTOradial M 10

### Characteristics:

- Two cutting speeds
- Double clamping vice with quick clamping lever for optimal material clamping
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller
- Chip knocker wheel and chip drawer

Technical Data		KASTOradial M 10	
Cutting range		● / ○ / □ / □	
90°	mm	100 / 100 / 170 x 90 / 90 x 90	
- 45°	mm	100 / 100 / 125 x 90 / 90 x 90	
+ 45°	mm	100 / 100 / 125 x 90 / 90 x 90	
+ 60°	mm	90 / 90 / 90 x 90 / 90 x 90	
Length x width x height	mm	600 x 800 x 1.700	
Material support height	mm	950	
Total weight	kg	450	
Performance characteristics			
Total power	kW	4,0	
Saw motor, power	kW	1,8 / 2,4	
Cutting speed	m/min	19 / 38 or 38 / 76	
Dimensions of saw blade	mm	350 x 2,5 x 32	



## Semi-automatic circular saws KASTOradial U 7

### Characteristics:

- Two cutting speeds
- Infinitely adjustable saw feed with height limitation
- Clamping vice with counter clamping vice for burr-free cuts
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller
- Chip knocker wheel and chip drawer

Technical Data		KASTOradial U 7	
Cutting range		● / ○ / □ / □	
90°	mm	70 / 95 / 135 x 75 / 85 x 85	
+ 45°	mm	70 / 95 / 90 x 75 / 80 x 80	
- 45°	mm	70 / 95 / 90 x 75 / 80 x 80	
+ 60°	mm	70 / 80 / 65 x 70 / 65 x 65	
Length x width x height	mm	450 x 1.050 x 2.000	
Material support height	mm	950	
Total weight	kg	300	
Performance characteristics			
Total power	kW	4,0	
Saw motor, power	kW	1,0 / 1,8 or 1,3 / 1,8	
Cutting speed	m/min	17 / 34 or 34 / 68	
Dimensions of saw blade	mm	315 x 2,5 x 32	





## Semi-automatic circular saws KASTOradial U 10

### Characteristics:

- Two cutting speeds
- Infinitely adjustable saw feed with height limitation
- Clamping vice with counter clamping vice for burr-free cuts
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller
- Chip knocker wheel and chip drawer

Technical Data		KASTOradial U 10
Cutting range		● / ○ / □ / □
90°	mm	100 / 100 / 170 x 90 / 90 x 90
+ 45°	mm	100 / 100 / 125 x 90 / 90 x 90
- 45°	mm	100 / 100 / 125 x 90 / 90 x 90
+ 60°	mm	90 / 90 / 90 x 90 / 90 x 90
Length x width x height	mm	600 x 1.200 x 2.200
Material support height	mm	950
Total weight	kg	500
Performance characteristics		
Total power	kW	4,0
Saw motor, power	kW	1,8 / 2,4
Cutting speed	m/min	19 / 38 or 38 / 76
Dimensions of saw blade	mm	350 x 2,5 x 32

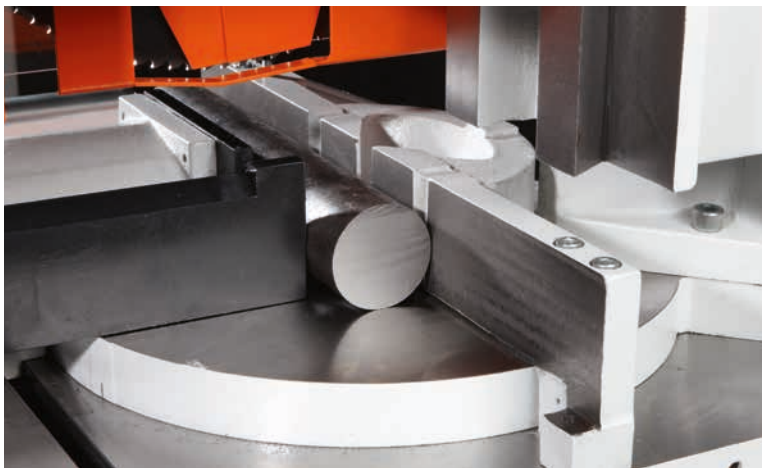


Precise dovetail guide.

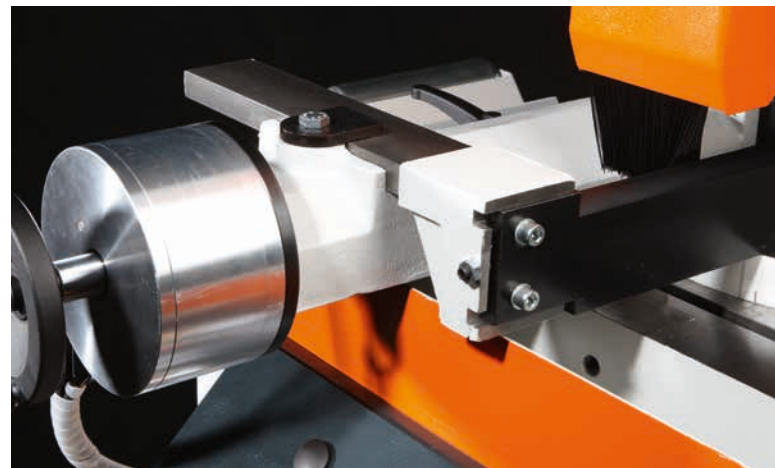
Mitre cutting position.



Clamping vice with counter clamping vice.



Semi-automatic function, pneumatic clamping device.



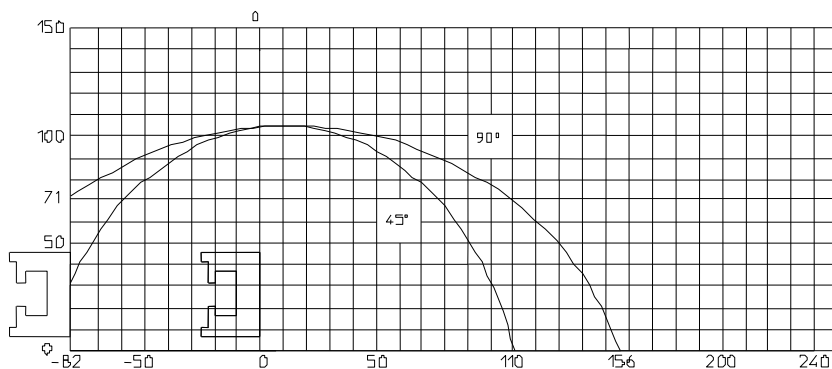
# Circular Saws for Aluminium and Plastic

**KASTOalu:** Semi-automatic or Fully Automatic Operation with many Possibilities for Straight and Mitre Cutting.

## Semi-automatic, upstroking circular saw for aluminium KASTOalu U 12

### Characteristics:

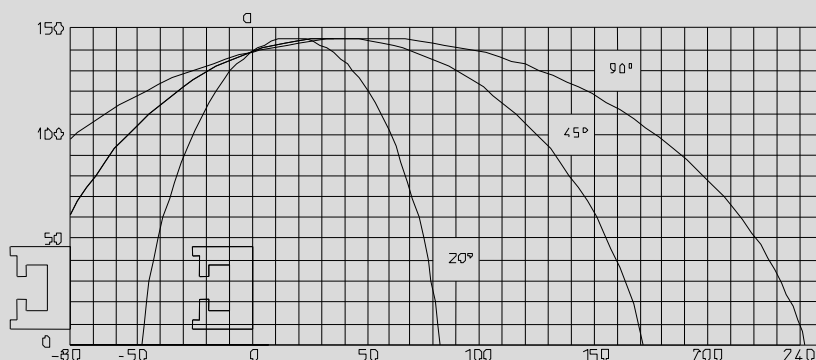
- Hydro-pneumatic, infinitely adjustable saw feed with rapid retraction
- Two vertical and two horizontal clamping elements
- Infinitely adjustable mitre angle, swivelling range 180°
- Safety protection with interlock guarding system
- Micro-spray lubrication system
- Air gun with hose
- Connecting sleeve to install an automatic chip suction unit at a later date



## Semi-automatic, upstroking circular saw for aluminium KASTOalu U 14

### Characteristics:

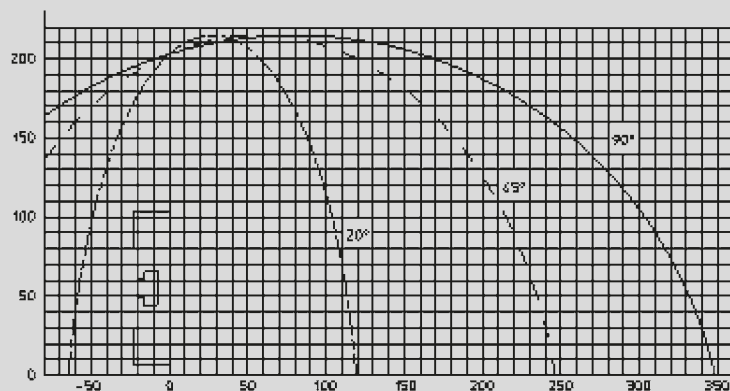
- Hydro-pneumatic, infinitely adjustable saw feed with rapid retraction
- Two vertical and two horizontal clamping elements
- Infinitely adjustable mitre angle, swivelling range 180°
- Safety protection with interlock guarding system
- Micro-spray lubrication system
- Air gun with hose
- Connecting sleeve to install an automatic chip suction unit at a later date



## Semi-automatic, upstroking circular saw for aluminium KASTOalu U 20

### Characteristics:

- Hydro-pneumatic, infinitely adjustable saw feed with rapid retraction
- Two vertical and one horizontal clamping element
- Infinitely adjustable mitre angle from 70° left to 70° right
- Safety protection with interlock guarding system
- Micro-spray lubrication system
- Air gun with hose
- Connecting sleeve to install an automatic chip suction unit at a later date



Technical Data		KASTOalu U 12	KASTOalu U 14	KASTOalu U 20
Horizontal mitre cut	mm	± 90°	± 90°	± 70°
Cutting range		○ / □ / □	○ / □ / □	○ / □ / □
90°	mm	100 / 110 x 70 / 80 x 80	140 / 200 x 80 / 125 x 125	200 / 300 x 100 / 180 x 180
± 45°	mm	100 / 80 x 75 / 75 x 75	130 / 140 x 80 / 110 x 110	200 / 200 x 120 / 150 x 150
Length x width x height	mm	(U12) 650 x 800 x 1.300	700 x 1.100 x 1.370	1.440 x 1.385 x 1.715
Material support height	mm	925	925	980
Total weight	kg	164	185	827
Performance characteristics				
Total power	kW	1,5	1,8	3,0
Cutting speed	rpm	2.800	2.800	3.070
Dimensions of saw blade	mm	300 x 3,5 (3,6) x 32	400 x 3,6 (4,2) x 32	550 x 4,0 (5,0) x 32
Operating pressure	bar	7	7	7



## KASTOmicut: Easiest Operating in Daily Use.

### Mitre cutting bandsaw KASTOmicut P 1.8: Manual swivelling frame bandsaw – The Entry-Level Version

#### Characteristics:

- Saw feed manually adjustable by return stroke spring
- Infinitely adjustable mitre angle (90° to +60°)
- Cutting rail as material support
- Manual material clamping
- Horizontal clamping vice with fast adjustment
- Electric safety device of the sawband coverage
- drip dosage

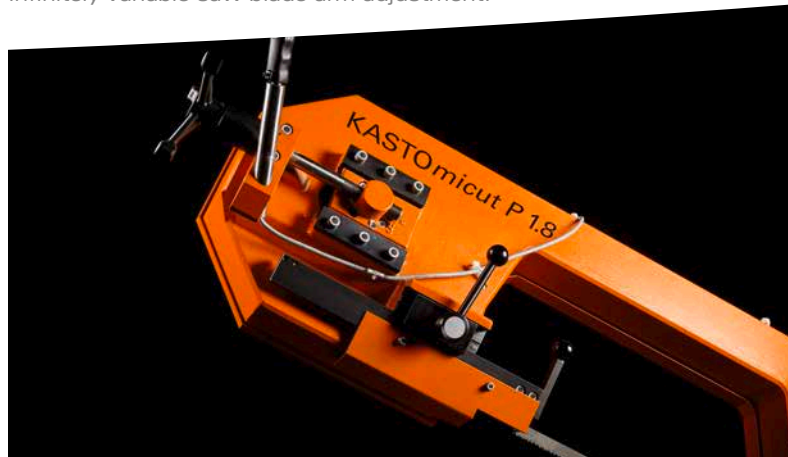
Technical Data		KASTOmicut P 1.8
<b>Cutting range</b>		
90° (○ / ● / □ / ▢ / ■)	mm	180 / 90 / 180 x 180 / 180 x 180 / 90 x 90
+ 45° (○ / □)	mm	160 / 160 x 160
Remnant length single cut	mm	30
Length x width x height	mm	790 x 1620 x 1465
Material support height	mm	950
Weight	kg	365
<b>Performance characteristics</b>		
Total power	kW	1,6
Drive Power	kW	1,1 / 1,5
Cutting speed	m/min	35 / 70
Dimensions of saw blade	mm	2.970 x 20 x 0,9



Infinitely variable mitre adjustment.



Infinitely variable saw blade arm adjustment.



Horizontal vice with quick-release lever.



Deep groove ball bearings which are closed on both sides and by carbide sliding guides.





## Mitre cutting bandsaw KASTOmicut P 2.6: Manual swivelling frame bandsaw. – The Entry-Level Version

### Characteristics:

- Frequency-controlled infinitely saw drive
- Saw feed adjustable by weight of saw head
- Infinitely adjustable mitre angle (-45° to +60°)
- Cutting rail as material support
- Manual material clamping
- Automatic machine shut-off after finished cut

Technical Data		KASTOmicut P 2.6
<b>Cutting range</b>		
90° (○ / ● / □ / ▢ / ■)	mm	260 / 160 / 310 x 200 / 200 x 200 / 160 x 160
+ 45° (○ / □ / ▢)	mm	230 / 200 x 200 / 200 x 200
+ 60° (○ / □ / ▢)	mm	150 / 140 x 160 / 140 x 140
- 45° (○ / □ / ▢)	mm	230 / 200 x 200 / 200 x 200
Remnant length single cut	mm	30
Length x width x height	mm	760 x 1620 x 1690
Material support height	mm	950
Weight	kg	490
<b>Performance characteristics</b>		
Total power	kW	2.0
Drive Power	kW	1,5
Cutting speed	m/min	20 - 110
Dimensions of saw blade	mm	3.180 x 27 x 0,9



Good accessibility for fast  
saw blade change.

Cutting rail as material support.



Infinitely variable cutting speed via frequency regulated drive.



Synchronously running chip removal brush.



## Mitre cutting bandsaw KASTOmicut E 2.6 / U 2.6: Semi-automatic swivelling frame bandsaw

### Characteristics:

- Frequency-controlled infinitely saw drive
- Rotary table as material support
- Fully hydraulic saw feed control
- Manual Horizontal vice (E 2.6)
- Horizontal vice with quick adjustment and hydraulic short stroke (U 2.6)
- Infinitely adjustable mitre angle (-45° to +60°)
- Infinitely variable saw blade arm adjustment
- Coolant system with two coolant nozzles

Technical Data		KASTOmicut U 2.6
<b>Cutting range</b>		
90° (○ / ● / □ / □ / ■)	mm	260 / 160 / 310 x 200 / 200 x 200 / 160 x 160
+ 45° (○ / □ / □)	mm	230 / 200 x 200 / 200 x 200
+ 60° (○ / □ / □)	mm	150 / 140 x 160 / 140 x 140
- 45° (○ / □ / □)	mm	230 / 200 x 200 / 200 x 200
Remnant length single cut	mm	30
Length x width x height	mm	760 x 1620 x 1690
Material support height	mm	950
Weight	kg	490
<b>Performance characteristics</b>		
Total power	kW	2.0
Drive Power	kW	1,5
Cutting speed	m/min	20 - 110
Dimensions of saw blade	mm	3.180 x 27 x 0,9



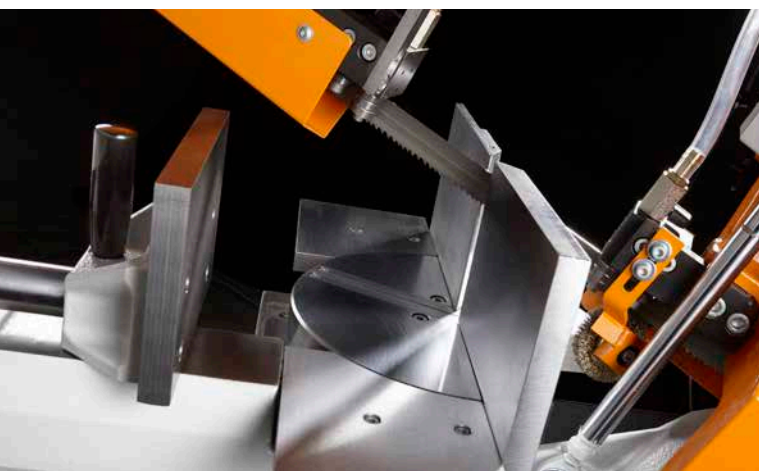
Infinitely variable mitre adjustment.



Saw blade tensioning manually adjustable.



Cutting rail as material support.



Material clamping by hydraulic short stroke vice. (U 2.6)





## Mitre cutting bandsaw KASTOmicut A 2.6: Fully-automatic swivelling frame bandsaw

### Characteristics:

- Easy to operate control *SmartControl*
- Frequency-controlled infinitely saw drive
- Infinitely variable and fully hydraulic saw feed control
- Two hydraulic horizontal clamping vices
- Electromotive material feed via ball screw spindle
- Infinitely adjustable mitre angle (-45° to +60°)
- Infinitely adjustable guide arm positioning
- Coolant system with two coolant nozzles
- Cutting height recognition via memory key
- Hydraulic horizontal clamping vice with material-end sensor
- Min. rpm monitor (*SpeedControl*)

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	
Material feed length, single cut	mm	500	
Material feed length, multipl. feed		9.999	
Remnant length single cut	mm	30	
Remnant length automatic operation	mm	60	
Length x width x height	mm	2.120 x 2.885 x 1690	
Material support height	mm	950	
Weight	kg	1.300	
Performance characteristics			
Total power	kW	2,5	
Drive Power	kW	1,5	
Cutting speed	m/min	20 - 110	
Dimensions of saw blade	mm	3.180 x 27 x 0,9	



Good accessibility for fast saw blade change.

Hydraulic horizontal clamping vices.



Material feed via ball screw spindle, infinitely adjustable mitre angle.



Machine enclosure according to the latest machine guidelines.



## Mitre cutting bandsaw KASTOmicut E 4.6: Manual swivelling frame bandsaw

### Characteristics:

- Frequency-controlled infinitely saw drive
- Fully hydraulic saw feed control
- Linear-guided overrunning clamping device
- Infinitely adjustable mitre angle (90° to +60°)
- Infinitely variable saw blade arm adjustment

Technical Data		KASTOmicut E 4.6
<b>Cutting range</b>		
90° (○ / ● / □ / □ / ■)	mm	335 / 160 / 460 x 335 / 335 x 335 / 160 x 160
+ 45° (○ / □ / □)	mm	320 / 280 x 335 / 300 x 300
+ 60° (○ / □ / □)	mm	210 / 180 x 335 / 200 x 200
- 45° (○ / □ / □)	mm	30
Remnant length single cut	mm	800 x 2350 x 2000
Length x width x height	mm	700
Weight	kg	
<b>Performance characteristics</b>		2.0
Total power	kW	1,5
Drive Power	kW	20 - 110
Cutting speed	m/min	3830 x 27 x 0,9
Dimensions of saw blade	mm	3.180 x 27 x 0,9



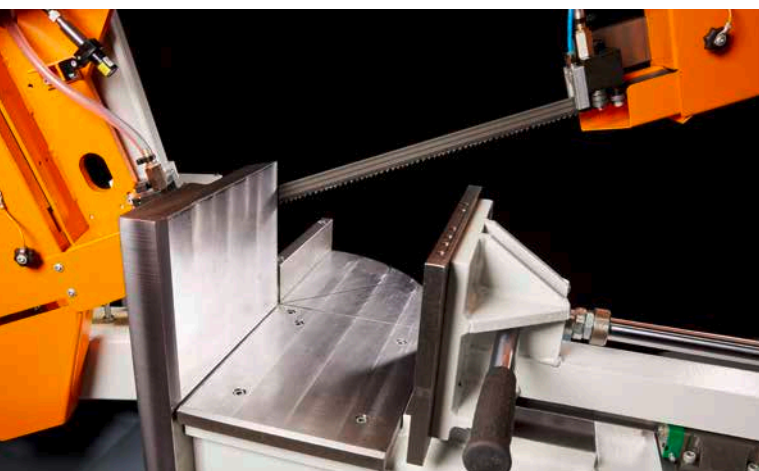
Infinitely variable mitre adjustment.



Saw blade tensioning manually adjustable.



Cutting rail as material support.



Material clamping by hydraulic short stroke vice.





## Mitre cutting bandsaw KASTOmicut U 4.6: Semi-automatic swivelling frame bandsaw

### Characteristics:

Driven chip removal brush

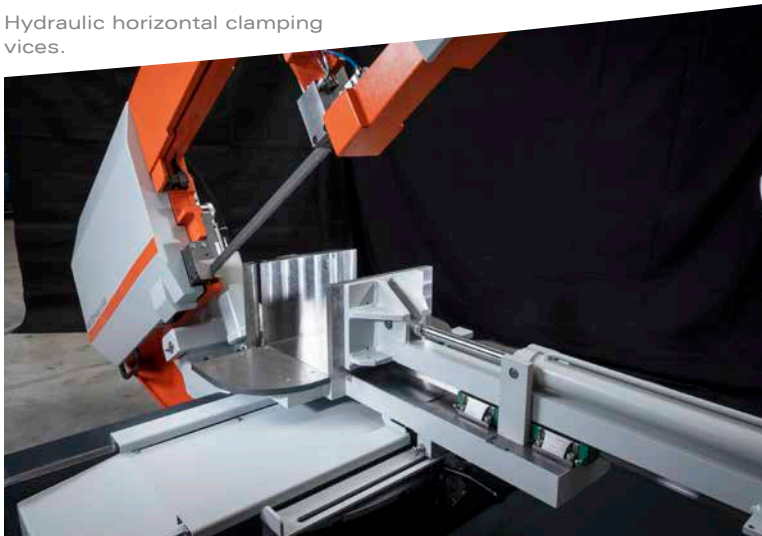
- Linear-guided overrunning clamping device
- Frequency-controlled saw drive
- Infinitely adjustable cutting feed with KASTO Universal Hydraulic UH
- Easy to operate control SmartControl
- separate operating panel
- carbide saw band guides

Technical Data		KASTOmicut U 4.6
<b>Cutting range</b>		
90° (○ / ● / □ / □ / ■)	mm	335 / 335 / 520 x 335 / 335 x 335/ 335 x 335
+ 45° (○ / □ / □)	mm	335 / 390 x 335 / 335 x 335
+ 60° (○ / □ / □)	mm	280 / 260 x 335 / 260 x 260
- 45° (○ / □ / □)	mm	30
Remnant length single cut	mm	1.540 x 3.010 x 2360
Length x width x height	mm	700
<b>Weight</b>		
<b>Performance characteristics</b>	kW	5,5
Total power	kW	4
Drive Power	m/min	12 - 150
Cutting speed	mm	6190 x 34 x 1,1
Dimensions of saw blade	mm	6190x41x1,3

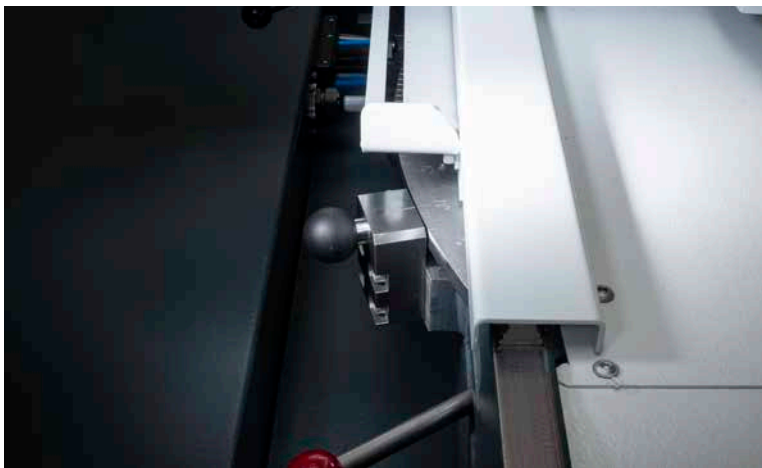


Good accessibility for fast  
saw blade change.

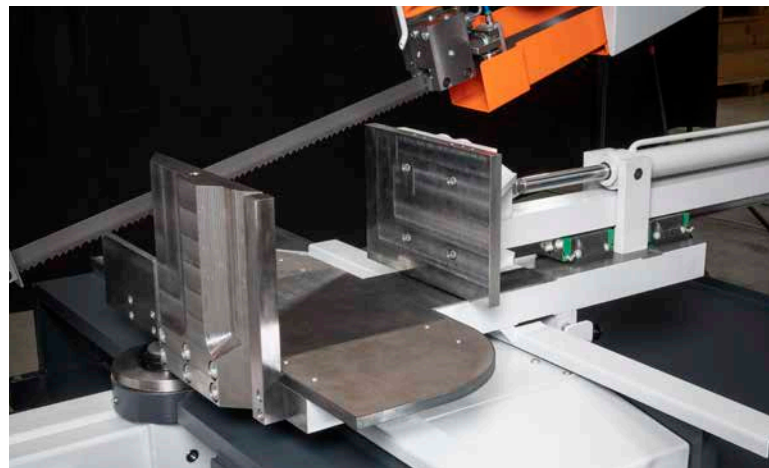
Hydraulic horizontal clamping  
vices.



Material feed infinitely adjustable mitre angle.



Cutting rail as material support.



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

Fully hydraulic and automatic vertical bandsaw KASTOverto A 2

## Characteristics:

- Easy to operate control *BasicControl*
- Frequency-controlled saw drive
- Infinitely adjustable cutting feed
- Two horizontal clamping vices
- Electromotive material feed via ball screw spindle
- Infinitely adjustable guide arm positioning
- Saw band guide hydraulically
- Coolant system
- Driven chip removal brush
- Total machine enclosure according to the machinery directive 2006/42/CE

Technical Data		KASTOverto A 2	
Cutting range		● / ■ / ■	
90°	mm	260 / 320 x 260 / 260 x 260	
Shortest cut-off-length	mm	6	
Smallest to be cut diameter	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	
Total weight	kg	1.360	
Space requirement without chip conv. (LxWxH)	mm	2.365 x 1.350 x 1.767	
Total power / Total connected power	kW	2,5 / 1,5	
Cutting speed infinitely adjustable	m/min	12 - 120	
Dimensions of saw blade	mm	3.180 x 27 x 0,9	



Outfeed side

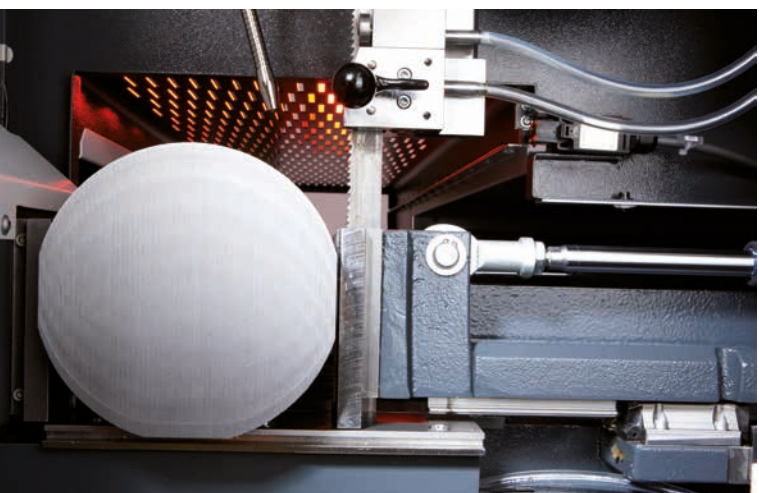
Easy exchange of saw blade.



Material infeed side: safe and easy access.



Machine clamping vice.



Linear guided clamping device.





# KASTO*twin*: Two-column Guided for High-performance Cutting.

## KASTO*twin* U 4: powerful in individual cutting

### Characteristics:

- Frequency-controlled saw drive
- Infinitely adjustable cutting feed with KASTO Universal Hydraulic UH
- Horizontal clamping vice with infinitely clamping force limitation
- Automatic guide arm positioning
- Saw band guide hydraulically
- Coolant system
- Driven chip removal brush

Technical Data		KASTO <i>twin</i> U 4	
Cutting range		● / ■ / ■	
90°	mm	400 / 400 x 400 / 400 x 400	
Shortest remnant length	mm	20	
Smallest to be cut diameter	mm	10	
Measurements and weights			
L x W x H (lowered position)	mm	1.290 x 2.490 x 1.721	
Height, highest position	mm	1.911	
Material support height	mm	700	
Total weight	kg	950	
Total power	kW	6	
Saw motor, frequency-controlled	kW	4	
Cutting speed infinitely adjustable	m/min	20 – 110	
Hydraulic material clamping	bar	60	
Dimensions of bandsaw blade	mm	5.090 x 41 x 1,3	
Saw blade guide		carbide, exchangeable	
Saw blade tensioning		hydraulic	

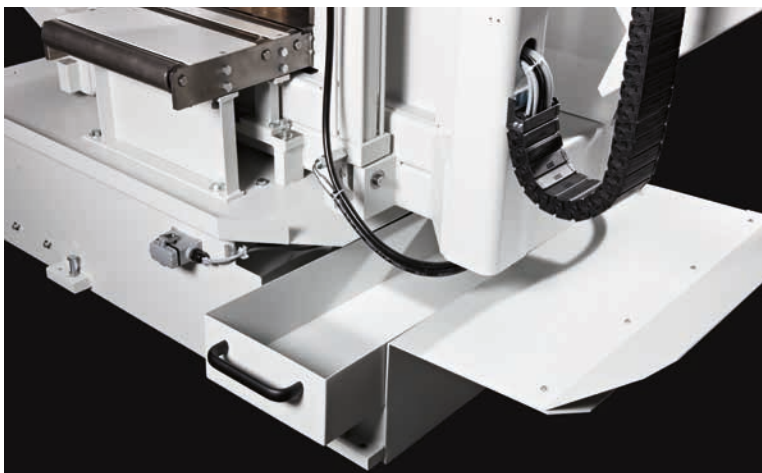


Saw blade tension.

Operating panel.



Chip container.



Chip conveyor (option).



## KASTOwin: A Masterpiece in series.

KASTOwin A 3.3: performance benefits in compact design



### Characteristics:

- Effective use of material down to a 1.38" short remnant (2.36" for KASTOwin A 3.3)
- New layout: The drive unit and sensor are separate from the working area – ensuring reliable and trouble-free operation
- Key parameters are entered into the user-friendly SmartControl saw control unit. Simple input of sawing jobs by entering cutting lengths, quantities and material description
- Controlled feed motion using ball screws
- Material clamping vices with side shift cylinder guarantee reliable automatic cutting
- Backlash-free linear guides in both columns for smooth, precise running
- Powered chip removal brush
- Hydraulically preloaded, integrated band guides
- Easily accessible material infeed
- Preparation for infeed roller conveyors
- Quiet, energy-efficient, compact hydraulic power unit
- High cutting performance with impressive repeatability

Technical Data		A 3.3	A 4.6
Cutting range		● / ■	● / ■
Cutting range [H x W]	mm	330 / 330 x 350	460 / 460 x 460
Material feed length, single stroke	mm	500	500
Optional feed length, single stroke	mm	1.500	1.500
Multiple feed	mm	9.999	9.999
Minimum cut length	mm	10	10
Minimum sawing diameter	mm	10	10
Minimum remnant length in automatic operation	mm	60	35
Cutting speed, infinitely variable	m/min	12 - 150	12 - 150
Saw motor, frequency controlled	kW	4,0	4,0
Total connected load for standard machine	kW	6,0	6,0
Dimensions of bandsaw blade	mm	5.090 x 34 x 1,1	6.096 x 54 x 1,3
Optional dimensions of bandsaw blade	mm	5.090 x 41 x 1,3	6.096 x 41 x 1,3
Material support height	mm	700	700
Length	mm	1.350	1.650
Width	mm	2.330	2.900
Height	mm	1.850	2.030
Weight	kg	2.050	3.000

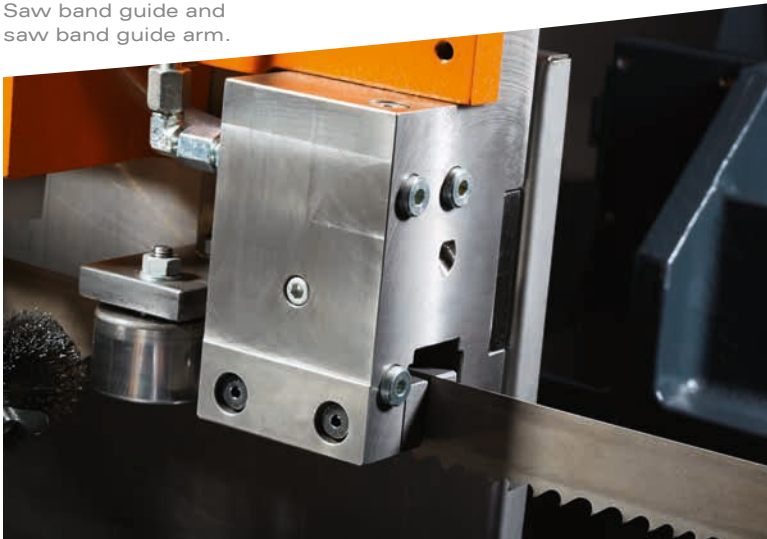


## KASTOwin A 4.6: More performance, more efficiency



(Image with accessories)

Saw band guide and  
saw band guide arm.



Ball screw spindle.



Chip conveyor.



Bandwheel.



## Comprehensive Program, Complete Accessories: This Makes Your KASTO Machine Even More Efficient.

KASTO accessories adapt each machine perfectly to its respective task. For this KASTO offers reasonable accessory solutions reconciled to the requirements. Micro-spray lubrication systems are available for coolant-free cutting, perfect for cutting profiles. Machine lamps light the working area. Multiple clamping devices allow layer cutting to improve machine utilization and efficiency.

KASTO accessories advance reliability and flexibility – especially important if the KASTO Compact Saw is the only saw in use. And KASTO accessories come with the same high quality standards as the Compact Saw.

For an effective application of semi- and fully automatic sawing machines several different concepts for roller conveyors are available. A broad accessories program of roller conveyors and measuring systems as well as safety devices allows customized installations.

Drip lubricator.



Micro-spray lubrication system.



Micro-spray lubrication system.



Multiple clamping device.



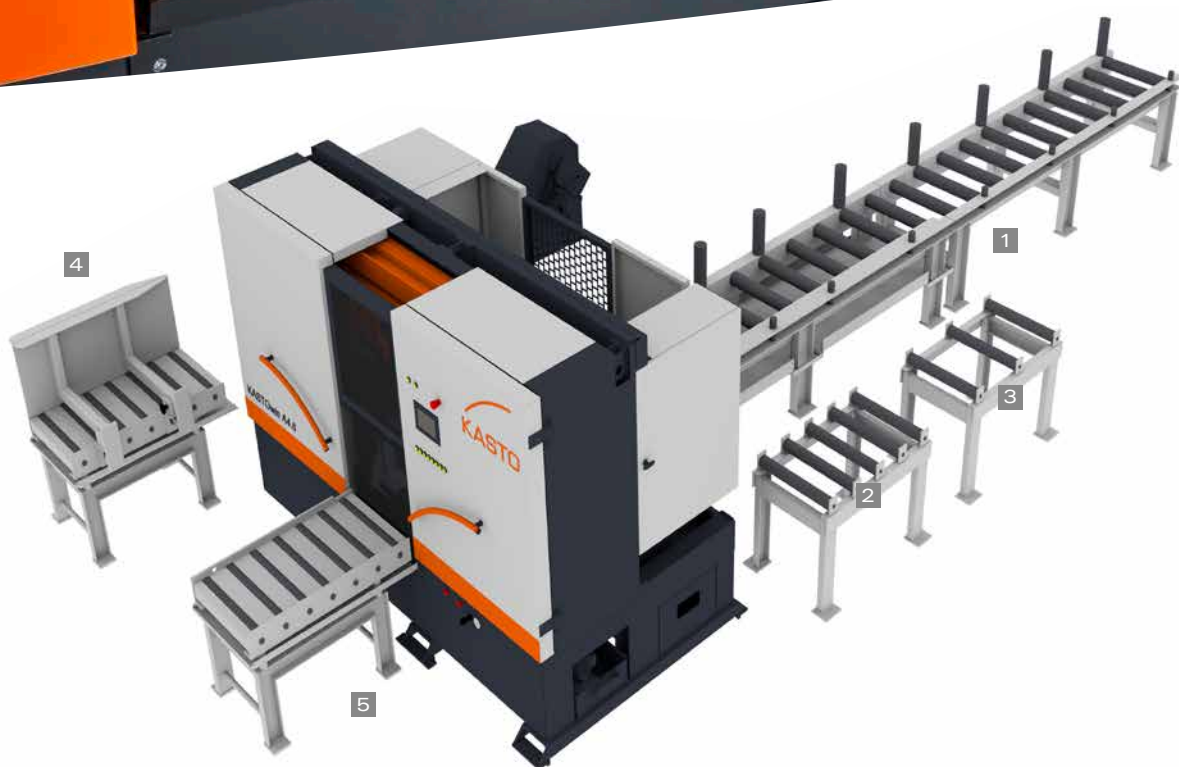
Hydraulic bundle clamping device at the outfeed side.



Hydraulic bundle clamping device at the infeed side.





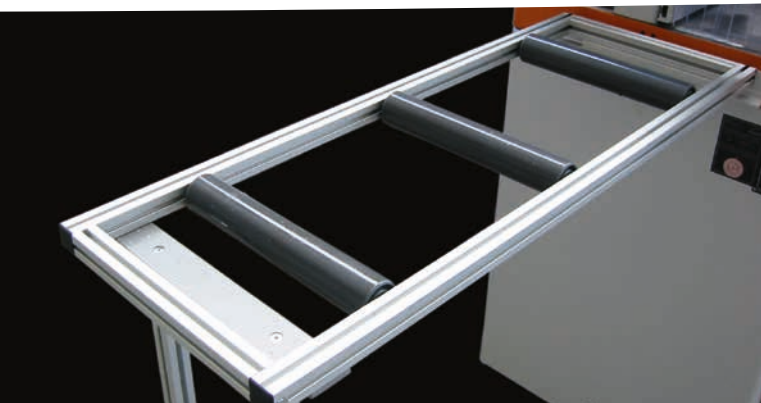


- 1 dif. Infeed roller conveyors with rollover protection and side guide plates optionally with coolant return flow and frequency-controlled drive
- 2 roller conveyor, 5 rolls
- 3 roller conveyor, 3 rolls
- 4 Outfeed roller conveyor, approx. 1 m with side guide plate
- 5 Outfeed roller conveyor approx. 1 m with rollover protection

## Roller Conveyors for Material Infeed and Outfeed Side up to 450 kg/m.

	Carrying capacity kg/m	length mm	roller conveyor width mm	usable width mm	number of support rollers	diameter of rollers mm	distance between roller centres mm	side guiding rollers
Infeed/outfeed side	25	1.000	470	410	3	50	333	-
Infeed/outfeed side	25	2.000	470	410	5	50	333	-
Infeed/outfeed side	150	1.142	220	207	4	40	286	-
Infeed/outfeed side	150	2.000	220	207	7	40	286	-
Infeed/outfeed side	250	1.060	470	380	5	50	2 x 152 2 x 304	optional
Infeed/outfeed side	250	2.130	470	380	8	50	2 x 152 4 x 304 1 x 456	optional
Infeed/outfeed side	450	1.020	600	420	4	40/solid steel	2 x 280 1 x 340	3
Infeed/outfeed side	450	2.040	600	420	7	40/solid steel	2 x 280 4 x 340	5
Infeed/outfeed side	450	3.060	600	420	10	40/solid steel	2 x 280 7 x 340	6
Infeed/outfeed side	450	4.080	600	420	13	40/solid steel	2 x 280 10 x 340	8
Infeed/outfeed side	450	5.100	600	420	16	40/solid steel	2 x 280 12 x 340	10
Infeed/outfeed side	450	6.120	600	420	19	40/solid steel	2 x 280 15 x 340	12

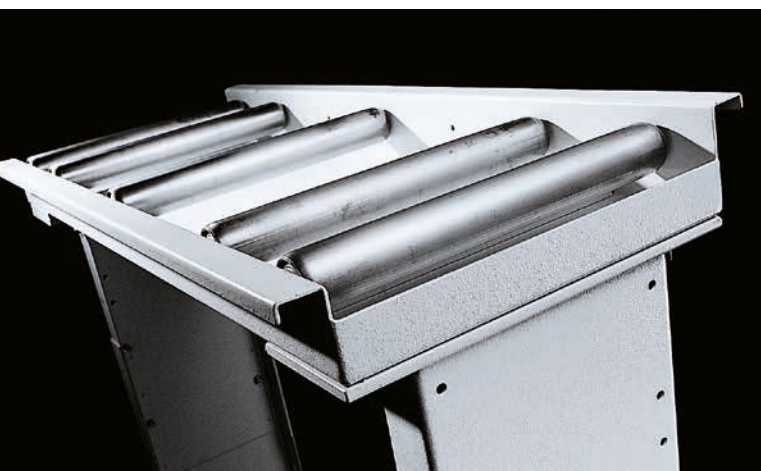
Roller conveyor for carrying capacity of 25 kg/m.



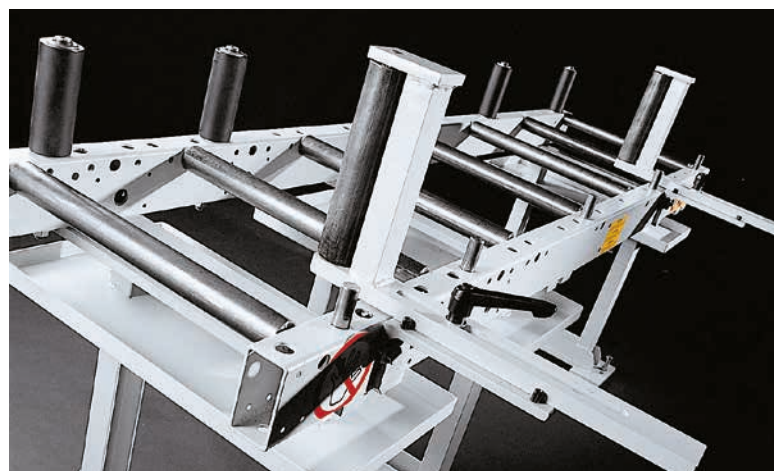
Roller conveyor for carrying capacity of 150 kg/m.



Roller conveyor for carrying capacity of 250 kg/m.



Roller conveyor for carrying capacity of 450 kg/m.





# Roller Conveyors for Material Infeed and Outfeed Side up to 3000 kg/m.

	Carrying capacity kg/m	length mm	roller conveyor width mm	usable width mm	number of support rollers	diameter of rollers mm	distance between roller centres mm	side guiding rollers
Infeed roller conveyor driven/non-driven	2.000	3.444	420/680	260/520	11	70	5 x 238 5 x 428	6
Infeed roller conveyor driven/non-driven	2.000	5.587	420/680	260/520	16	70	5 x 238 10 x 428	8
Extension of roller conveyor driven/non-driven	2.000	2.253	420/620	260/520	6	70	5 x 428	2
Short roller conveyor	3.000	1.000	690	550	3	70	2 x 428	-
Short roller conveyor	3.000	1.000	690	550	5	70	4 x 214	-
Outfeed roller conveyor	3.000	1.050	510/710	430/630	7	90	6 x 150	-

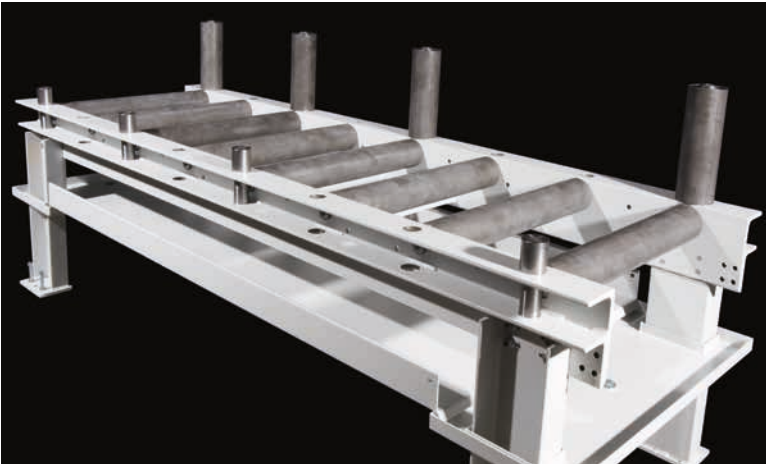
Short roller conveyor with three rollers.



Short roller conveyor with five rollers.

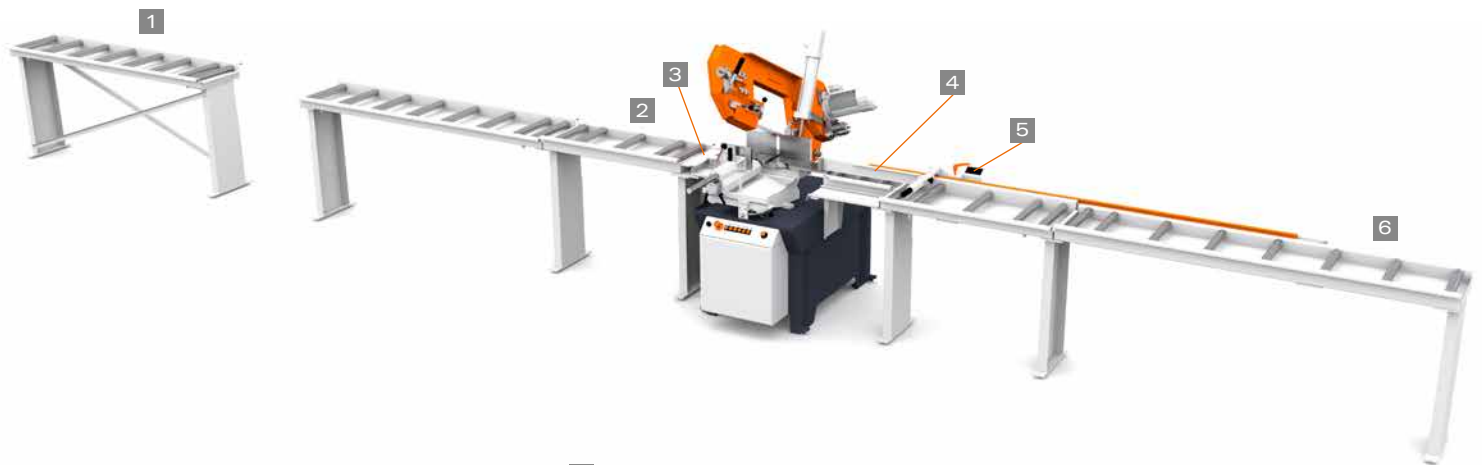


Roller conveyor with a carrying capacity of 2 to and coolant return (option).



Outfeed roller conveyor with a carrying capacity of 3 to.



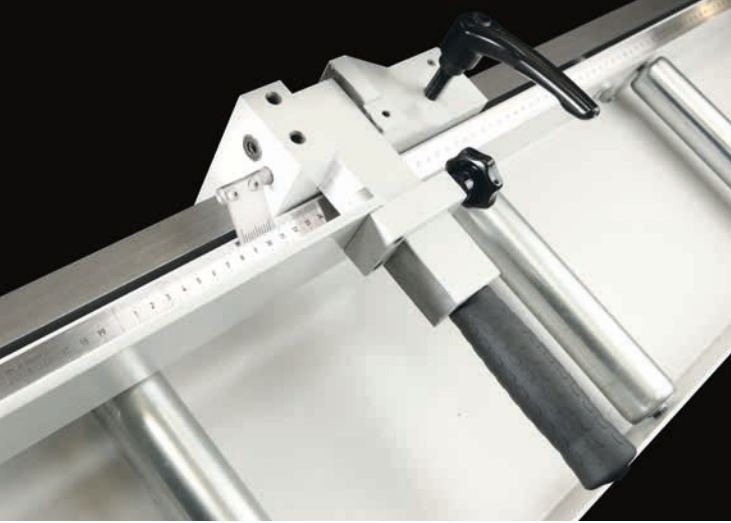


- 1 Roller conveyor 2.130 mm, 450 kg/m, infeed side, detached
- 2 Roller conveyor 1.060 mm, 450 kg/m, infeed side, connected
- 3 Roller conveyor joining left, infeed side
- 4 Roller conveyor joining right, outfeed side
- 5 Measuring system optionally M / D, 150 / 250
- 6 Roller conveyor 2.130 mm + Roller conveyor 1.060 mm, 450kg/m, approx. 3 m outfeed side

## The KASTO Quickfinder for Roller Conveyors.

Overview roller conveyors	Infeed roller conveyor							Outfeed roller conveyor
	SRC* 3000 kg/m	25 kg/m	150 kg/m	250 kg/m	450 kg/m	2000 kg	3000 kg	3000 kg
Typ								
KASTOalu		●						
KASTOhbs 1 / 2	●							
KASTOpsb 2 / 4	●							
KASTOradial M 4 / 6 / 7 / 10			●					
KASTOradial U 7 / 10			●					
KASTOmicut P 1.8		●						
KASTOmicut P / E / U / A 2.6				●				
KASTOmicut E 4.6	●				●		●	●
KASTOmicut U 4.6	●				●		●	●
KASTOverta A 2	●				●	●		
KASTOtwinn U 4	●					●		●
KASTOwin A 3.3	●					●		●
KASTOwin A 4.6	●					●		●
KASTOwin A 4.6	●					●		●

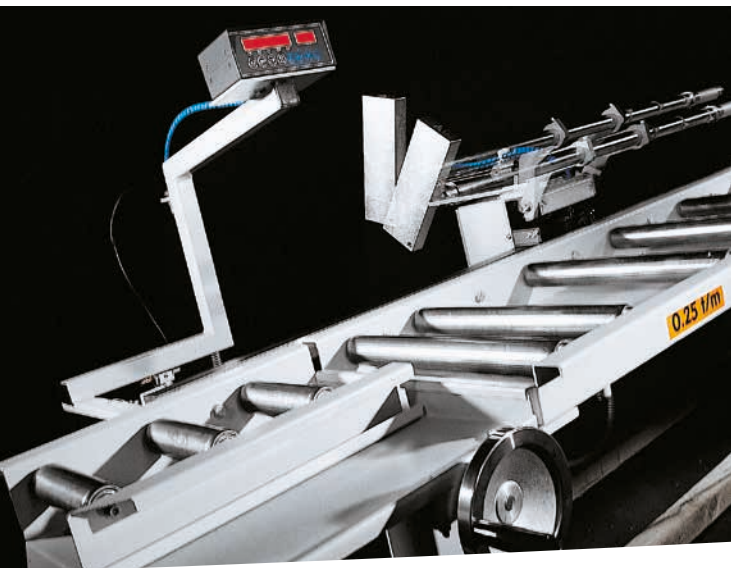
\* short roller conveyor



Manual measuring stop KASTOexact M 150.



Digital measuring stop KASTOexact D 150.



Digital measuring stop KASTOstop U 2.



Digital measuring stop KASTOstop U 5.

## High Productivity and Quality with KASTO Measuring Systems.

### KASTOexact M 150

- Length measuring system for manual adjustment of measuring length.
- High measuring accuracy via vernier.
- The stop arm is manually liftable and lowerable for better removal of material.
- Short measuring length by means of attachment tongue

### KASTOexact D 150

- Easy handling, high measuring accuracy by digital readout of measuring length
- The stop arm is manually liftable and lowerable for better removal of material.
- Short measuring length by means of attachment tongue

### KASTOstop U 2

- Length measuring system for digital adjustment of measuring length via handwheel.
- Positioning accuracy +/- 0,1 mm, stop force 100 kg.
- The stop arm is manually liftable and lowerable for better removal of material.

### KASTOstop A 2 (without picture)

- Length measuring system for motor-driven adjustment of measuring length via NC.
- Pre-selection of up to 999 combinations of cut-off lengths and cut-off numbers.
- Automatic clamping of measuring carriage after positioning.
- The stop arm is manually liftable and lowerable for better removal of material.

### KASTOstop U 5

- Heavy-duty measuring system for motor-driven roller conveyors. removal.
- Length measuring system for digital adjustment of measuring length via handwheel.
- Positioning accuracy +/- 0,1 mm, stop force 300 kg.
- The stop arm is manually liftable and lowerable for better removal of material.



## KASTOecostore: Flexible Division – System height up to 8 m.

Storage room economically used.

This standardized storage system is suited for all applications where a high variety of materials like bar stock or sheet metal need to be stored. A high storage density on smallest area is achieved by height-optimized compartment division. This leads to more order, cleanliness and safety.

All advantages at a glance:

- Economic automatic storage system for long material and sheet metal in single-sided and double-sided version
- Plug-in modular pallet supports
- Loading and unloading always at an ideal height
- Easy operating by means of selection of storage place and approval key at dead man's operation
- Saving of time due to direct access without additional lifting devices
- Small space requirements by consequent height utilization
- Machine-oriented installation is possible
- Low expenditure for installation
- Three different loading heights are selectable
- Gap control as pallet seat control while the operating gantry crane is moving
- Construction complying with earthquake standards

Accessories:

- Socket pin for pallets in order to protect the storage goods against shifting
- Storage support for pallets with lifting pins to unpack sheet metal and for better handling via forklift or crane
- Automatic control with safety device
- Expansion of the standard control, to allow Item and Inventory management
- Manually movable station cart to load/unload storage system from the rear
- Lateral posts for C-profile cassettes to individually extend loading height



KASTOecostore for bar stock



KASTOecostore for sheet metal



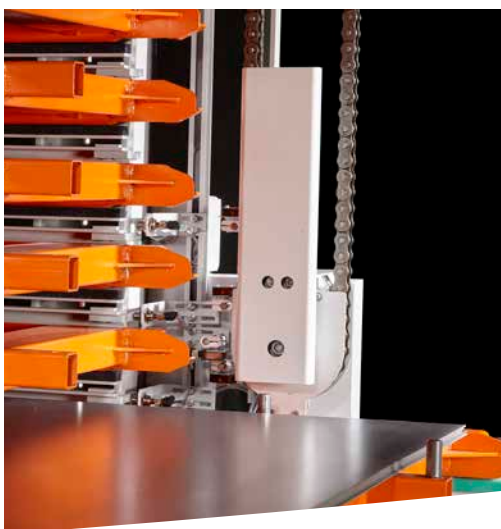
Storage control with preselection of compartment and approval key.



Lifting beam with bar stock cassette.



Stationed lifting gear with synchronizing driveshaft.



Lifting beam and pallet in sheet metal format with chain lifting gear and excessive height control as well as steel construction with slide support, pallet with socket pins (accessory).



Storage support for free-lift of the loading goods (accessory).



Extension to double tower.

Technical Data		Bar stock	Sheet metal
Dimensions of storage area large format (W x H)	mm	840 x 6.500	1.524 x 3.048 / 1.524 x 4.064
Load per pallet	t	1,2 / 3,0	1,2 / 3,0
Loading height cassette	mm	105 / 145 / 215 / 255 / 355 / 455 / 800	-
Loading height palette	mm	200 / 350 / 550 / 800 / 1.000	50 / 90 / 130 / 200 / > 200 – 950*
System height	mm	3.000 - 8.000	3.080 - 8.000
Speed lifting / pulling		12 / 6	12 / 6
<b>Space requirement standard version single-sided version</b>			
Length	mm	ca. 7.690	ca. 4.120 / 5.120
Width	mm	ca. 2.600	ca. 3.425
<b>Space requirement automatic version with extendable safety device single-sided version</b>			
Length	mm	ca. 8.080	ca. 4.740 / 5.740
Width	mm	ca. 3.480	ca. 4.275
<b>Space requirement automatic version with extendable safety device double-sided version</b>			
Length	mm	ca. 8.130	ca. 4.800 / 5.800
Width	mm	ca. 5.045	ca. 7.305

(Other technical specifications see KASTO UNITOWER product programm)

\* in 50 mm / 1.97"-scale, max. 3 different scales possible



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

Expertise right  
down the line.

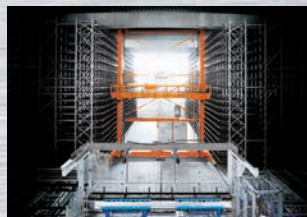
For over 170 years, KASTO has been recognized for quality and innovation, and offers a complete range of metal cutting saws, as well as storage and retrieval systems. Thanks to an ongoing development of new technologies and constant optimization process of machine concepts, KASTO has achieved the status 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. KASTOsort offers the possibility to palletize the complete variety of cut-off pieces of the KASTO sawing machine without additional operating effort – or to pass them to further processing systems.

KASTO's  
Storage Systems.



Rapid access, optimum space utilization, clear and accurate view of stored inventory – KASTO storage systems' excelling 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. KASTOretrofit will adapt your machine / system to current requirements and will restore its position as the most powerful and reliable module in your production and logistics chain. And of course, KASTO service is available worldwide.

Your KASTO Partner



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