



KASTO. From the Beginning.

Metal Sawing Machines and Storage Systems for Workshops.

Saws. Storage. And More. **KASTO®**

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

Criteria	KASTOhbs 1 / 2	KASTOpsb 2 / 4	KASTOpractical E 2 / U 2	KASTOfunctional U	KASTOfunctional A	KASTOradial M 4 / M 6	KASTOradial M7/10/U7/10	KASTOalu U12 / U14 / U20	KASTOalu A 13
Saw Type									
Power Hacksaw	●	●							
Band Saw			●	●	●				
Circular Saw						●	●	●	●
Degree of Automation									
Single cut, manual	■	■	■	–	–	■	–	–	–
Single cut, semi-automatic	–	–	■	■	■	–	■	■	■
Serial cut, fully automatic	–	–	–	–	■	–	–	–	■
Type of Cut									
90° cut	■	■	■	■	■	■	■	■	■
Miter cut, one side	□	□	■	■	■	■	■	■	–
Miter cut, both sides	–	–	■	■	■	■	■	■	–
Material Quality									
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.de

... and Universal Saws.

Criteria	KASTOcut GE 4	KASTOcut GU 4	KASTOcut DU 4	KASTOpos GA 4	KASTOvert A 2	KASTOtwin U 4	KASTOwin A 3.3	KASTOwin A 4.6
Saw Type								
Power Hacksaw								
Band Saw	●	●	●	●	●	●	●	●
Circular Saw								
Degree of Automation								
Single cut, manual	–	–	–	–	–	–	–	–
Single cut, semi-automatic	■	■	■	■	■	■	■	■
Serial cut, fully automatic	–	–	–	■	■	–	■	■
Type of Cut								
90° cut	■	■	■	■	■	■	■	■
Miter cut, one side	■	■	■	■	–	–	–	–
Miter cut, both sides	–	–	■	–	–	–	–	–
Material Quality								
Structural steels	■	■	■	■	■	■	■	■
Difficult to cut material	□	□	□	□	□	■	■	■
Aluminium	■	■	■	■	■	■	■	■
Plastic	□	□	□	□	□	□	□	□

■ suitable □ partly suitable – not suitable

Made by KASTO

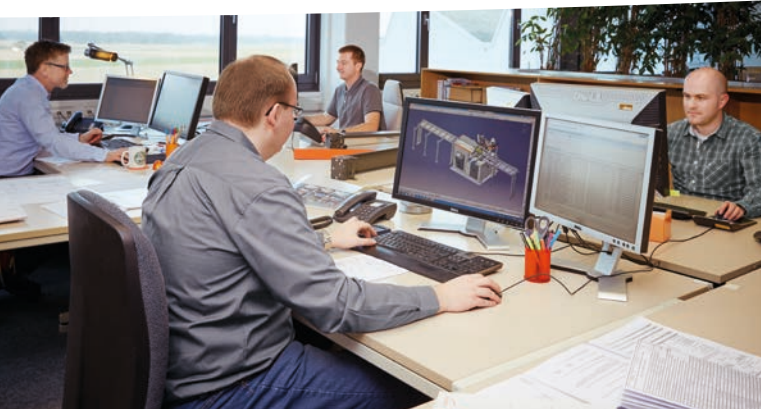
Not "just" delivering saws and storage systems:
KASTO offers More ...

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.



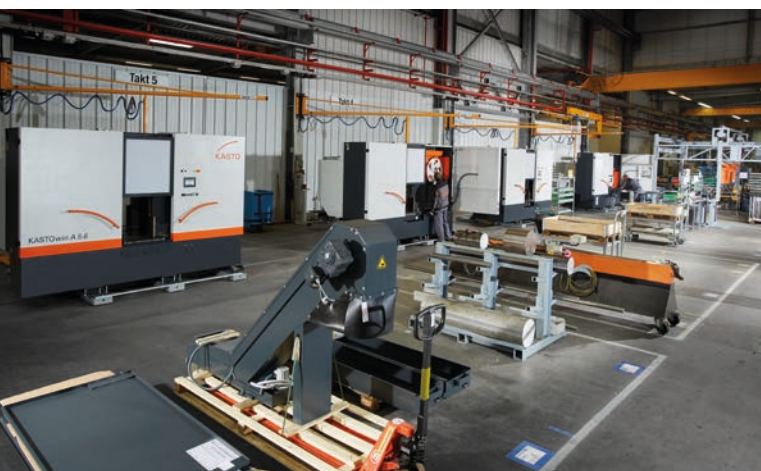
Development and design engineering.



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



KASTO*practical*: Easiest Operating in Daily Use.

Mitre cutting bandsaw KASTO*practical* E 2

Characteristics:

- Two cutting speeds
- Infinitely adjustable cutting feed
- Horizontal clamping vice with fast adjustment
- Infinitely adjustable mitre angle (-45° to +60°)
- Infinitely adjustable guide arm positioning
- Coolant system
- Automatic machine shut-off after finished cut

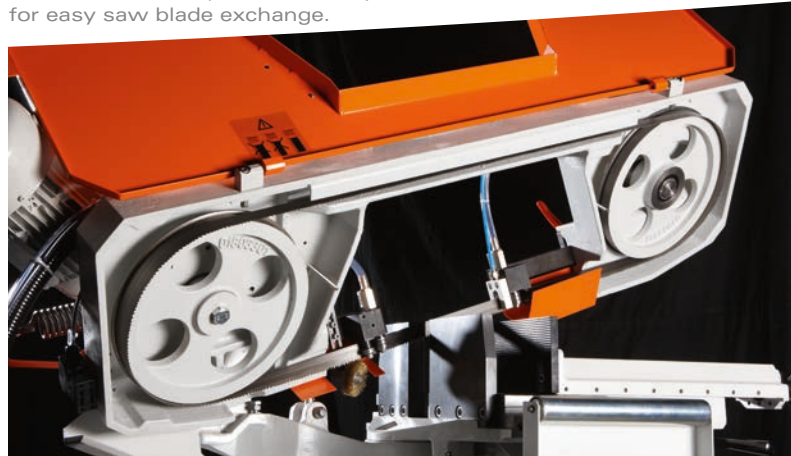
Technical Data		KASTO <i>practical</i> E 2	
Cutting range		● / ■ / ■	
90°	mm	230 / 300 x 170 / 220 x 220	
+ 45°	mm	200 / 190 x 190 / 190 x 190	
+ 60°	mm	115 / 120 x 105 / 105 x 105	
- 45°	mm	150 / 120 x 150 / 135 x 135	
Length x width x height	mm	900 x 1.660 x 1.450	
Material support height	mm	950	
Total weight	kg	395	
Performance characteristics			
Total power	kW	2,0	
Saw motor, power	kW	1,1 / 1,5	
Cutting speed	m/min	35 / 70	
- infinitely (optional)	m/min	20 - 90	
Dimensions of bandsaw blade	mm	2.825 x 27 x 0,9	



Drip plate.



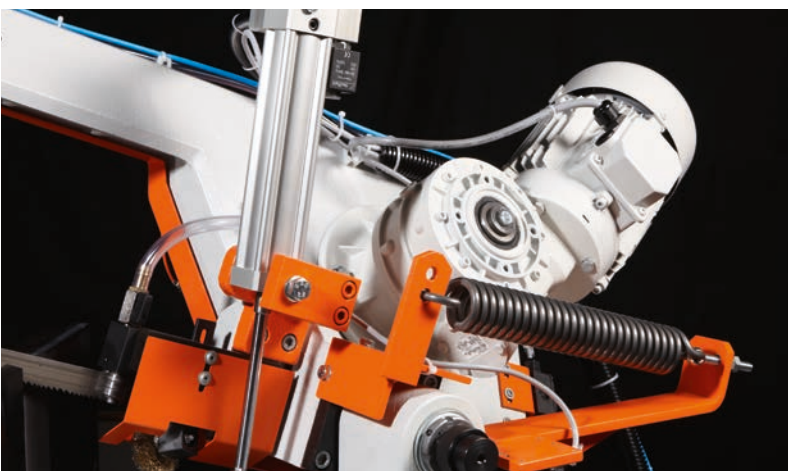
Protection cover open, electrically interlocked for easy saw blade exchange.



Saw blade tensioning manually adjustable.



2-step saw drive (optional: infinitely adjustable).



Semi-automatic bandsaw KASTOpractical U 2

Characteristics:

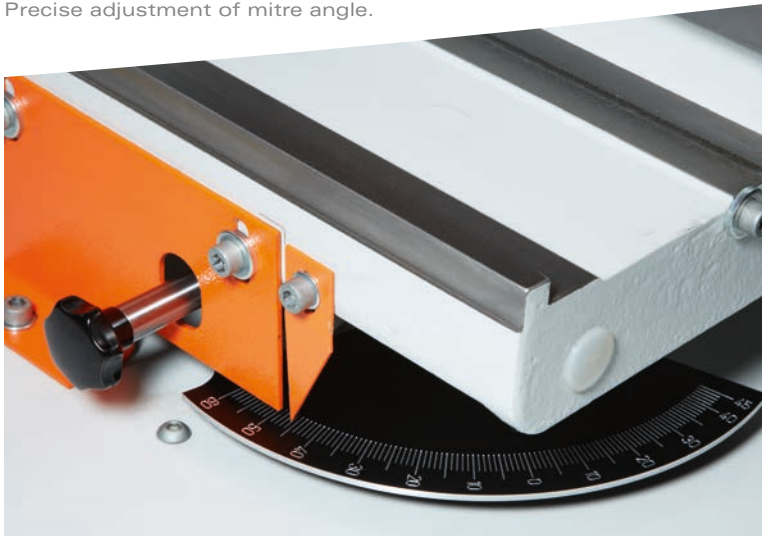
- Two cutting speeds
- Infinitely adjustable cutting feed
- Horizontal clamping vice with fast adjustment
- Infinitely adjustable mitre angle (-45° to +60°)
- Infinitely adjustable guide arm positioning
- Coolant system
- Automatic machine shut-off after finished cut

Technical Data		KASTOpractical U 2	
Cutting range		● / ■ / ■	
90°	mm	230 / 300 x 170 / 220 x 220	
+ 45°	mm	200 / 190 x 190 / 190 x 190	
+ 60°	mm	115 / 120 x 105 / 105 x 105	
- 45°	mm	150 / 120 x 150 / 135 x 135	
Length x width x height	mm	900 x 1.660 x 1.450	
Material support height	mm	950	
Total weight	kg	425	
Performance characteristics			
Total power	kW	2,0	
Saw motor, power	kW	1,1 / 1,5	
Cutting speed	m/min	35 / 70	
- infinitely (optional)	m/min	20 - 90	
Dimensions of bandsaw blade	mm	2.825 x 27 x 0,9	



(Material container – option)

Precise adjustment of mitre angle.



Operating elements.



Clamping device.



Saw blade roller guide.



KASTOfunctional: Mitre Cutting Bandsaws with Infinitely Adjustable Saw Blade Drive.

Semi-automatic bandsaw KASTOfunctional U

Characteristics:

- Frequency-controlled infinitely saw drive
- Infinitely adjustable cutting feed
- Horizontal clamping vice with fast adjustment
- Infinitely adjustable mitre angle (-45° to +60°)
- Infinitely adjustable guide arm positioning
- Coolant system
- Automatic machine shut-off after finished cut

Technical Data		KASTOfunctional U
Cutting range		● / ■ / ■
90°	mm	260 / 300 x 260 / 260 x 260
+ 45°	mm	200 / 200 x 240 / 200 x 200
+ 60°	mm	165 / 160 x 120 / 150 x 150
- 45°	mm	200 / 200 x 240 / 200 x 200
Length x width x height	mm	1.014 x 1.825 x 1.460
Material support height	mm	950
Total weight	kg	510
Performance characteristics		
Total power	kW	2.0
Saw motor, power	kW	1,5
Cutting speed	m/min	20 - 110
Material clamping	mechanical (hydr. optional)	
Dimensions of bandsaw blade	mm	2.910 x 27 x 0,9



Operating elements.



Saw blade guide and cleaning.



Clamping device.



Coolant pump.



Fully automatic bandsaw KASTOfunctional A

Characteristics:

- Easy to operate control *BasicControl*
- Frequency-controlled infinitely saw drive
- Infinitely adjustable cutting feed
- Two short-stroke 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
- Cutting height recognition via memory key
- Hydraulic horizontal clamping vice with material-end sensor
- Min. rpm monitor (*SpeedControl*)

Technical Data		KASTOfunctional A	
Cutting range		● / ■ / ■	
90°	mm	260 / 300 x 260 / 260 x 260	
+ 45°	mm	200 / 200 x 240 / 200 x 200	
+ 60°	mm	165 / 160 x 120 / 150 x 150	
- 45°	mm	200 / 200 x 240 / 200 x 200	
Length x width x height	mm	1.470 x 1.825 x 1.460	
Material support height	mm	950	
Total weight	kg	890	
Performance characteristics			
Total power	kW	2,5	
Saw motor, power	kW	1,5	
Material feed single stroke	mm	500	
Multiple feed	mm	9.999	
Shortest cut-off-length in single cut and automatic operation	mm	6	
Shortest remnant length in single cut and automatic operation	mm	30 / 200	
Cutting speed	m/min	20 - 110	
Material clamping		hydraulic	
Dimensions of bandsaw blade	mm	2.910 x 27 x 0,9	



Ball screw spindle for accurate material feed.



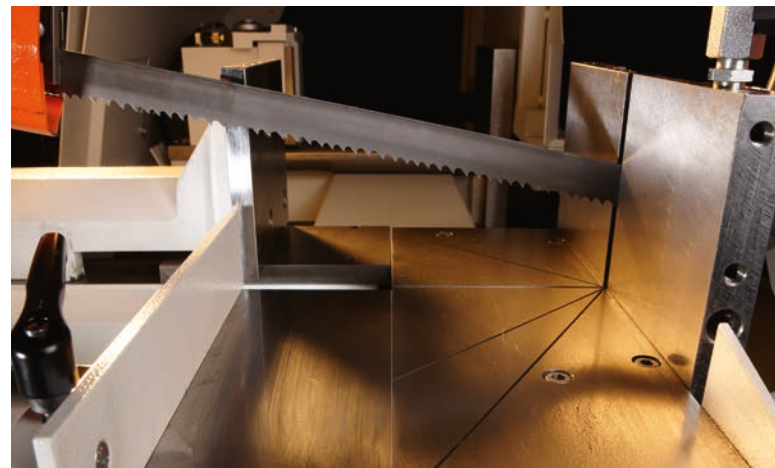
Material feed.



Operating panel with *BasicControl*.



Clamping vice with additional support table.



Circular Saws for Steel

KASTOradial: For Individual Cuts, Straight and Mitre Cutting.

Manual circular saw KASTOradial 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		KASTOradial M 4	
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 KASTOradial M 6

Characteristics:

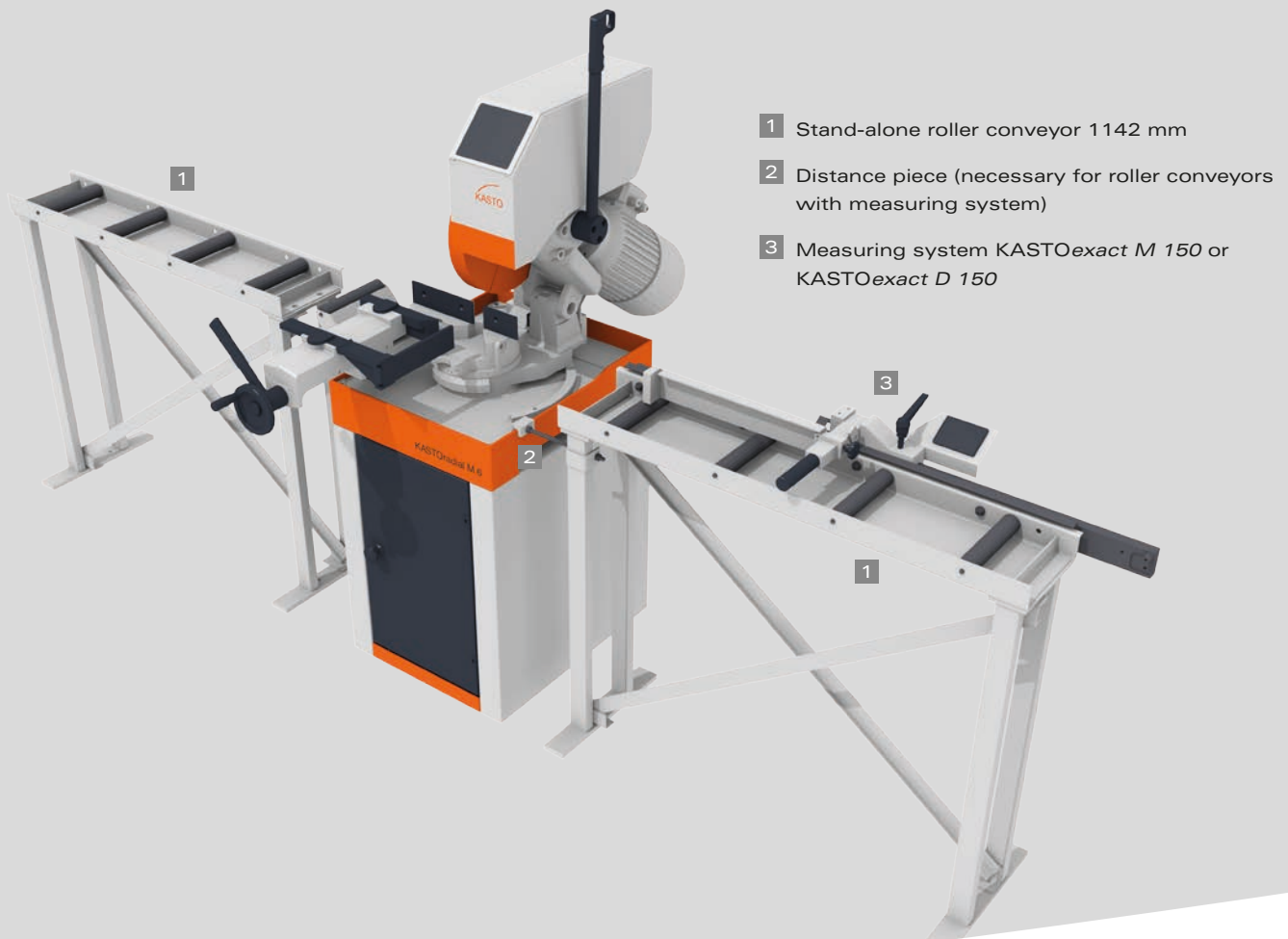
- Two cutting speeds
- Double clamping vice with quick clamping lever for optimal material clamping
- Infinitely adjustable mitre angle (-45° to +60°)
- Coolant system
- Material support roller

Technical Data		KASTOradial M 6	
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

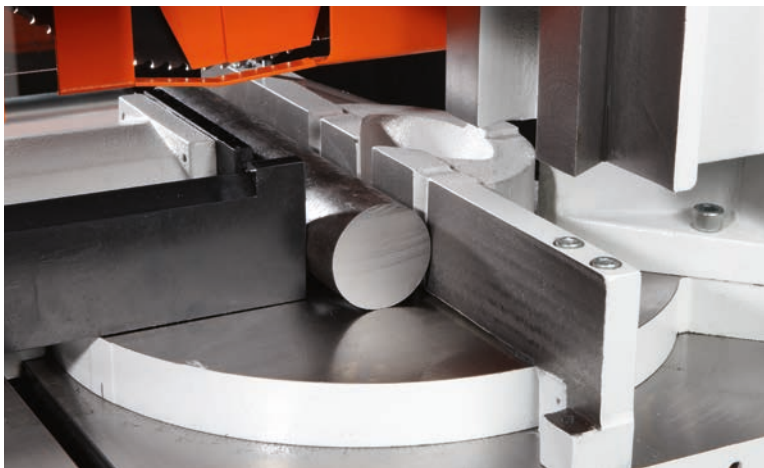


Precise dovetail guide.

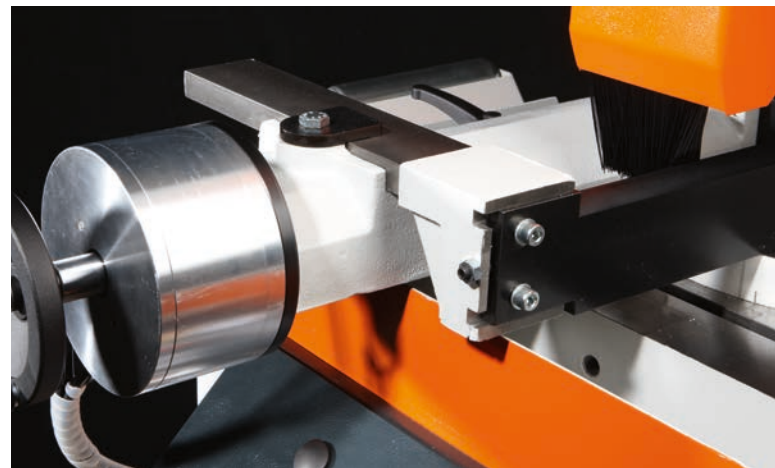
Mitre cutting position.



Clamping vice with counter clamping vice.



Semi-automatic function, pneumatic clamping device.



Circular Saws for Aluminium and Plastic

KASTO^{alu}: Semi-automatic or Fully Automatic Operation with many Possibilities for Straight and Mitre Cutting.

Semi-automatic, upstroking circular saw for aluminium KASTO^{alu} 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

Technical Data		KASTO ^{alu} U 12	
Horizontal mitre cut	mm	± 90°	
Cutting range		○ / □ / □	
90°	mm	100 / 110 x 70 / 80 x 80	
± 45°	mm	100 / 80 x 75 / 75 x 75	
Length x width x height	mm	(U12) 650 x 800 x 1.300	
Material support height	mm	925	
Total weight	kg	164	
Performance characteristics			
Total power	kW	1,5	
Cutting speed	rpm	2.800	
Dimensions of saw blade	mm	300 x 3,5 (3,6) x 32	
Operating pressure	bar	7	



Semi-automatic, upstroking circular saw for aluminium KASTO^{alu} 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

Technical Data		KASTO ^{alu} U 14	
Horizontal mitre cut	mm	± 90°	
Cutting range		○ / □ / □	
90°	mm	140 / 200 x 80 / 125 x 125	
± 45°	mm	130 / 140 x 80 / 110 x 110	
Length x width x height	mm	700 x 1.100 x 1.370	
Material support height	mm	925	
Total weight	kg	185	
Performance characteristics			
Total power	kW	1,8	
Cutting speed	rpm	2.800	
Dimensions of saw blade	mm	400 x 3,6 (4,2) x 32	
Operating pressure	bar	7	



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 20	
Horizontal mitre cut	mm	± 70°	
Cutting range		○ / □ / ▣	
90°	mm	200 / 300 x 100 / 180 x 180	
± 45°	mm	200 / 200 x 120 / 150 x 150	
Length x width x height	mm	1.440 x 1.385 x 1.715	
Material support height	mm	980	
Total weight	kg	827	
Performance characteristics			
Total power	kW	3,0	
Cutting speed	rpm	3.070	
Dimensions of saw blade	mm	550 x 4,0 (5,0) x 32	
Operating pressure	bar	7	



Fully automatic, upstroking circular saw for aluminium KASTOalu A 13

Characteristics:

- Easy to operate KASTO BasicControl
- Hydro-pneumatic, infinitely adjustable saw feed
- Infinitely variable cutting height
- One vertical and two horizontal pneumatic clamping elements
- Precise material feed by means of ball screw spindle
- Micro-spray lubrication system
- Air gun with hose
- Connecting sleeve to install an automatic chip suction unit at a later date

Technical Data		KASTOalu A 13	
Cutting range		● / ■ / ■	
90°	mm	100 / 200 x 90 / 105 x 105	
Material feed single cut	mm	600	
Multiple feed, max.	mm	9.999	
Shortest length of remnants	mm	90	
Length x width x height	mm	1.240 x 1.100 x 1.450	
Material support height	mm	900	
Total weight	kg	365	
Performance characteristics			
Total power	kW	3,5	
Cutting speed	rpm	2.800	
Dimensions of saw blade	mm	400 x 3,6 (4,2) x 32	
Operating pressure	bar	7	



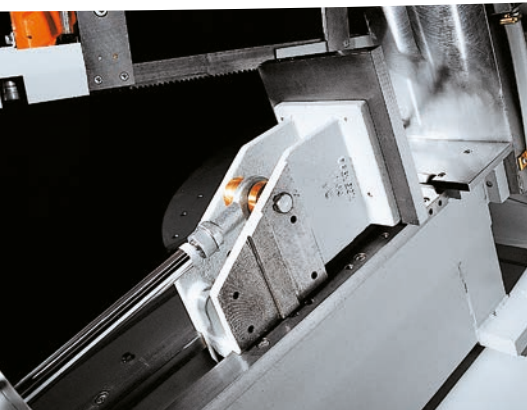
Bandsaws for Individual Use in Workshops

KASTOcut and KASTOpos:
With Swivelling Frame
Prepared for Any Task.



(Image with accessories)

Indispensable for layer cutting: hydraulic horizontal clamping vice.



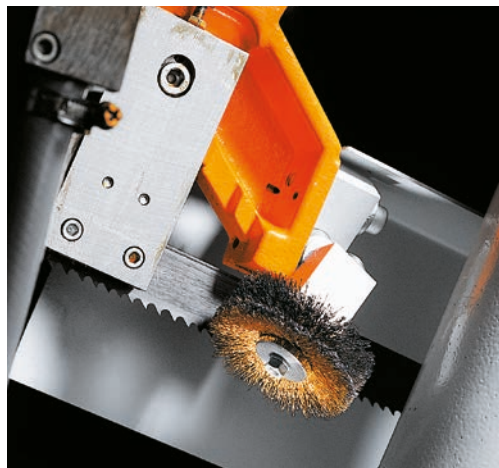
Hydraulic cylinder of the material clamping.



Operating panel KASTOcut GU: clearly and well arranged for uncomplicated and safe operation.



Standard equipment of the KASTOcut: motor-driven chip brush.



Universal bandsaw for mitre cutting:
KASTOcut GE / GU

Characteristics:

- Two cutting speeds
- Infinitely adjustable cutting feed with KASTO Universal Hydraulic UH at KASTOcut GU
- Horizontal vice manually actuated (GE)
- Horizontal vice hydraulically actuated (GU)
- Infinitely adjustable mitre angle (0° up to 60°)
- Infinitely adjustable guide arm positioning
- Saw band guide mechanically
- Coolant system

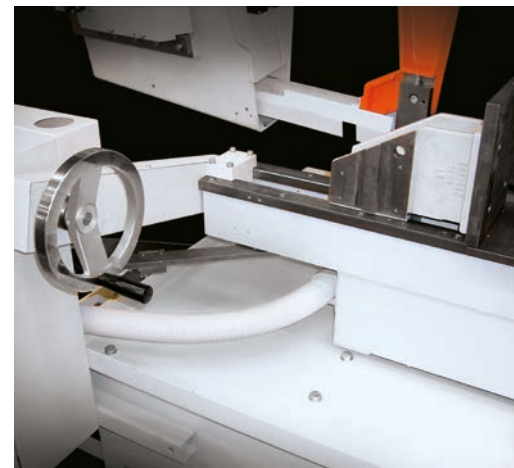
Technical Data		KASTOcut GE 4 / GU 4	
Cutting range		● / ■ / ■	
90°	mm	400 / 400 x 320 / 320 x 320	
+ 45°	mm	320 / 320 x 320 / 320 x 320	
+ 60°	mm	240 / 210 x 320 / 220 x 220	
Smallest size to be cut	mm		6
Shortest remnant length	mm		35
Measurements and weights			
L x W x H (lowered position)	mm	1.240 x 2.700 x 1.369	
Height, highest position	mm		2.109
Material support height	mm		700
Total weight	kg		1.050
Performance characteristics			
Total connected load of machine with basic equipment	kW		3,5
Saw motor, power	kW		1,3 / 1,7
Cutting speed	m/min		32 / 64
Cutting speed infinitely adjustable*	m/min		20-110
Material clamping			manual / hydraulic
Dimensions of bandsaw blade	mm		5.090 x 34 x 1,1

* option

Material clamping by means of hand-wheel at the KASTOcut GE.



Variable mitre adjustment of the KASTOcut GE/GU from 0° to 60°.



Versatile and accurate: The bandsaw for mitre cutting on both sides KASTOcut DU 4

Characteristics KASTOcut DU 4:

- Frequency-controlled infinitely saw drive
- Infinitely adjustable cutting feed with KASTO Universal Hydraulic UH
- Horizontal clamping vice with hydraulic side shift
- Infinitely mitre adjustment from 60° to -60°
- Infinitely adjustable guide arm positioning
- Saw band guide hydraulically
- Coolant system

Technical Data		KASTOcut DU 4	
Cutting range		● / ■ / ■	
90°	mm	400 / 520 x 320 / 320 x 320	
± 45°	mm	320 / 320 x 320 / 320 x 320	
± 60°	mm	250 / 220 x 320 / 220 x 220	
Smallest size to be cut	mm	10	
Shortest remnant length	mm	45	
Measurements and weights			
LxWxH, saw head in lowest position	mm	1.420 x 2.890 x 1.340	
Height, saw head in highest position	mm	2.125	
Material support height	mm	700	
Total weight	kg	1.180	
Performance characteristics			
Total connected load of machine with basic equipment	kW	4,5	
Saw motor, power	kW	3,0	
Cutting speed infinitely adjustable	m/min	20 - 110	
Material clamping		hydraulic	
Dimensions of bandsaw blade	mm	5.090 x 34 x 1,1	



Fully automatic bandsaw for mitre cutting KASTOpos GA: optimum serial cutting

Characteristics:

- Easy to operate control *BasicControl*
- Frequency-controlled saw drive
- Infinitely adjustable cutting pressure with KASTO Universal Hydraulic UH
- Two horizontal clamping vices with infinitely clamping force limitation
- Electromotive material feed via ball screw spindle
- Infinitely mitre adjustment from 60° to -60°
- Infinitely adjustable guide arm positioning
- Saw band guide mechanically
- Coolant system
- Material sensor
- Driven chip removal brush

Technical Data		KASTOpos GA 4	
Cutting range		● / ■ / ■	
90°	mm	400 / 400 x 320 / 320 x 320	
- 45°	mm	320 / 320 x 320 / 320 x 320	
- 60°	mm	240 / 210 x 320 / 220 x 220	
Feed length, single stroke	mm	750	
Feed length, multiple stroke	mm	9.999	
Shortest cut-off-length	mm	6	
Smallest size to be cut 90°	mm	10	
Shortest remnant length, single cut	mm	30	
Shortest remnant length in automatic operation	mm	240	
Length x width x height	mm	2.515 x 2.713 x 1.369	
Height, saw head in highest position	mm	2.125	
Material support height	mm	700	
Total weight	kg	1.850	
Total power / Total connected power	kW	6,0 / 3,0	
Cutting speed infinitely adjustable	m/min	20 - 110	
Material clamping		hydraulic	
Dimensions of bandsaw blade	mm	5.090 x 34 x 1,1	



KASTOverto A 2: Highest Performance on only 3 m².

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

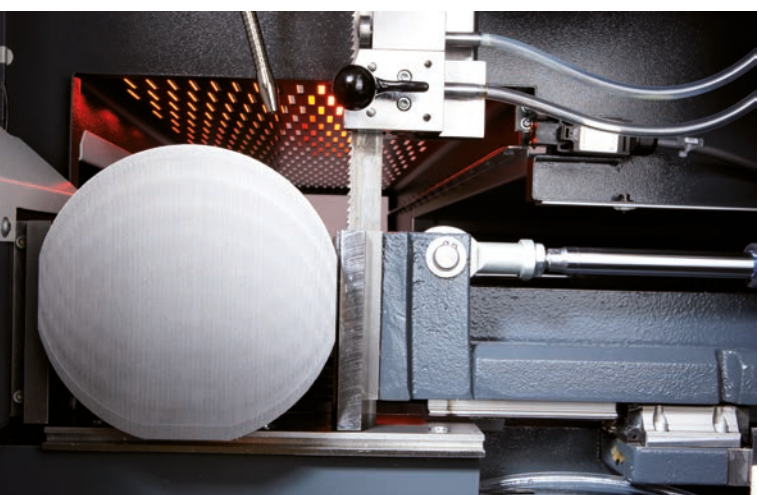
Easy exchange of saw blade.



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.

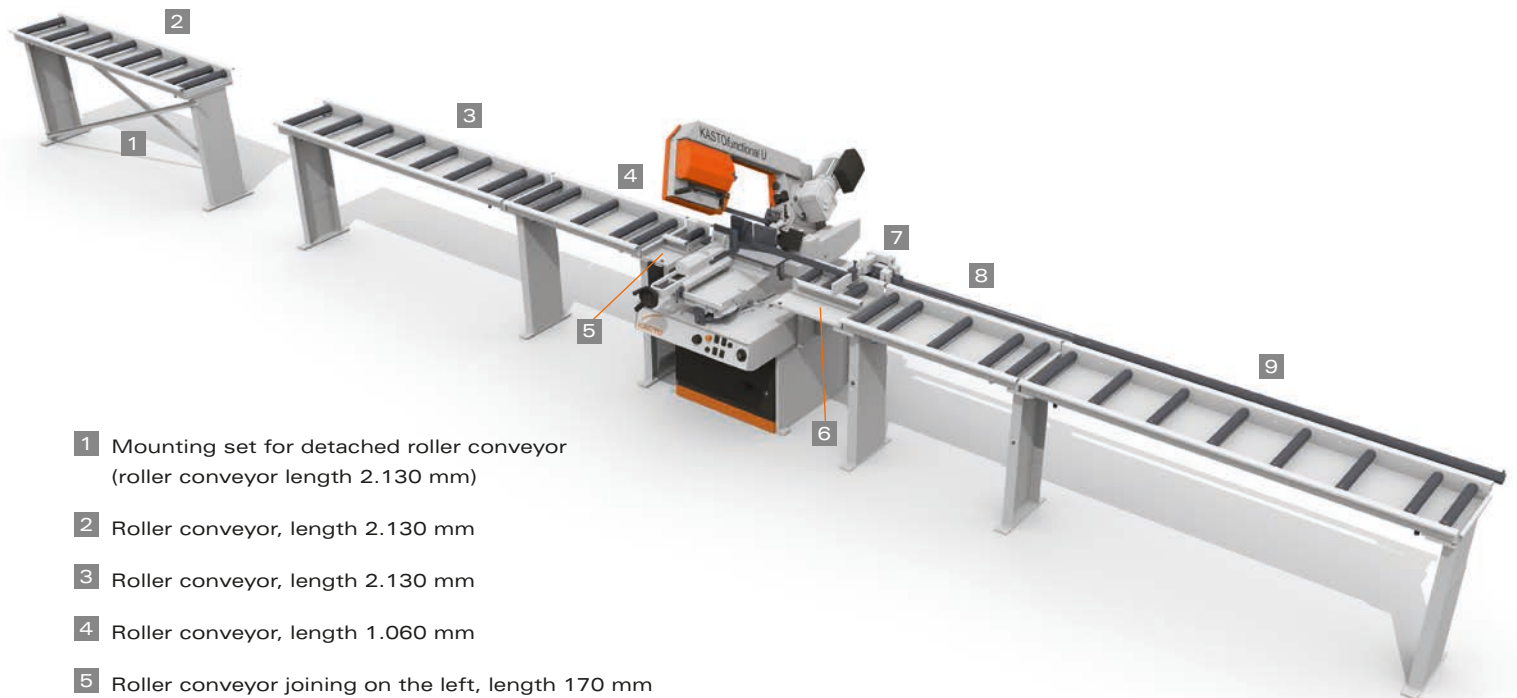
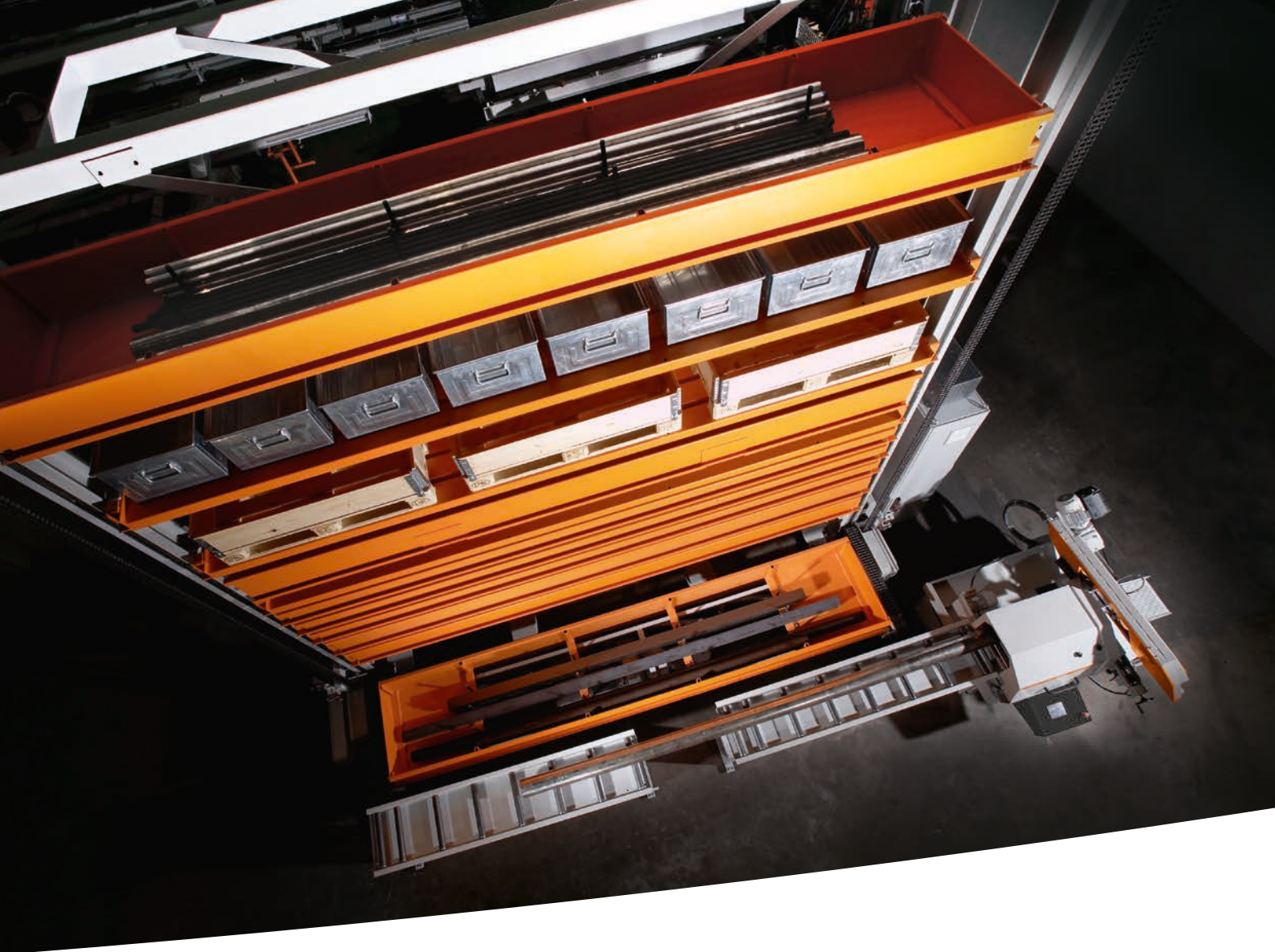


Hydraulic bundle clamping device at the outfeed side.



Hydraulic bundle clamping device at the infeed side.



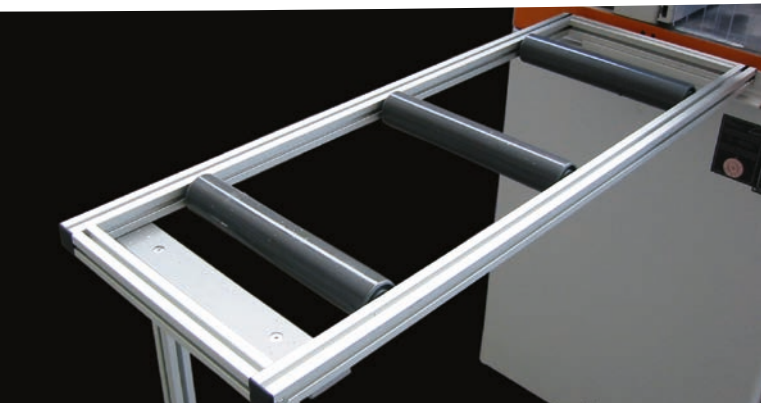


- 1 Mounting set for detached roller conveyor
(roller conveyor length 2.130 mm)
- 2 Roller conveyor, length 2.130 mm
- 3 Roller conveyor, length 2.130 mm
- 4 Roller conveyor, length 1.060 mm
- 5 Roller conveyor joining on the left, length 170 mm
- 6 Roller conveyor joining on the right, length 170 mm
- 7 Measuring system KASTOexact M 150 or KASTOexact D 150
- 8 Roller conveyor, length 1.060 mm
- 9 Roller conveyor, length 2.013 mm

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

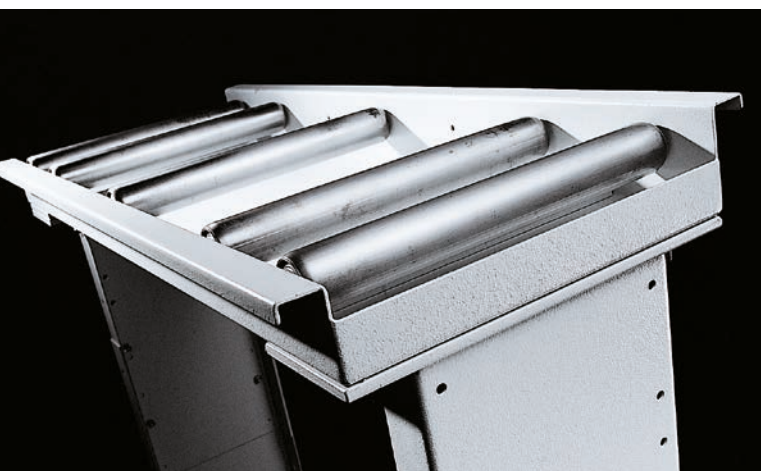
Roller conveyor for carrying capacity of 25 kg/m.



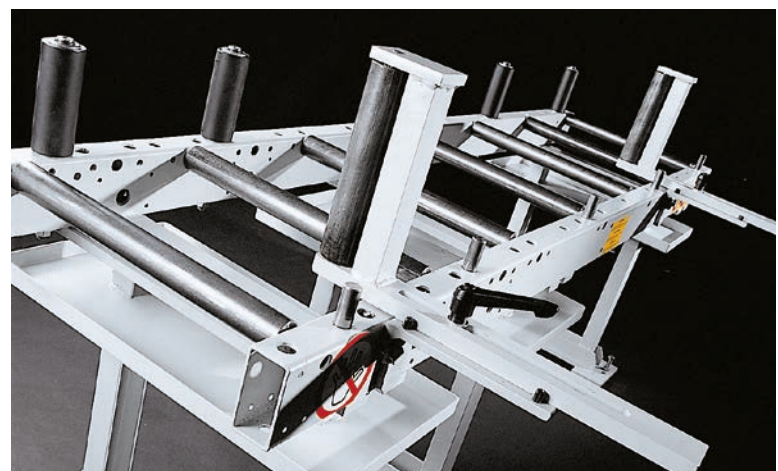
Roller conveyor for carrying capacity of 150 kg/m.



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	-

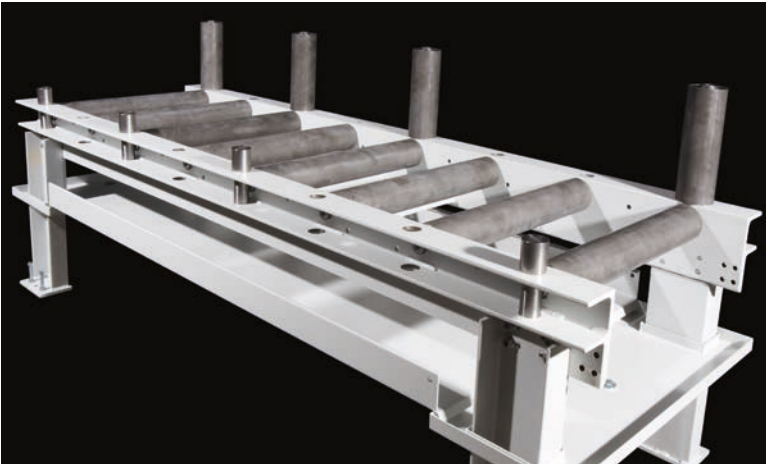
Short roller conveyor with three rollers.



Short roller conveyor with five rollers.

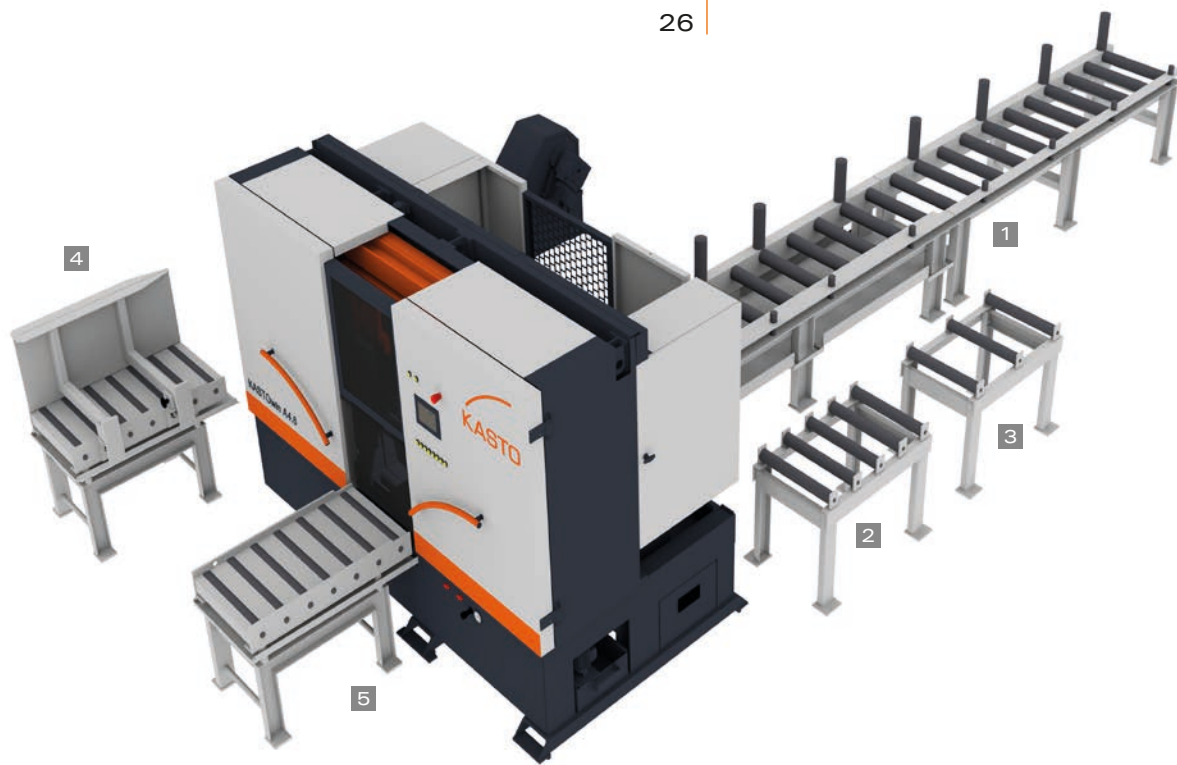


Roller conveyor with a carrying capacity of 2 to and coolant return (option).



Outfeed roller conveyor with a carrying capacity of 3 to.



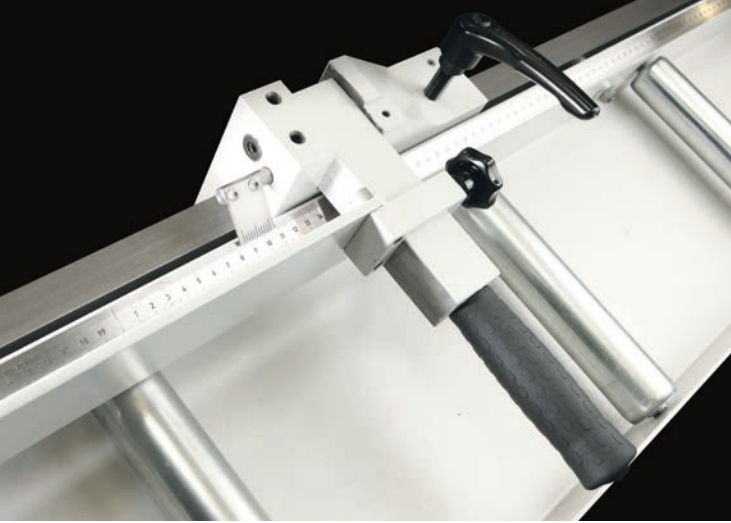


- 1 dif. Infeed roller conveyors with rollover protection and side guide plates optionally with coolant return flow and frequency-controlled drive
- 2 roller conveyor, 5 rolls
- 3 roller conveyor, 3 rolls
- 4 Outfeed roller conveyor, approx. 1 m with side guide plate
- 5 Outfeed roller conveyor approx.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

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			●					
KASTOpractical E2 / U2				●				
KASTOfunctional U / A				●				
KASTOcut GE 4	●				●			●
KASTOcut GU 4	●				●			●
KASTOcut DU 4	●				●		●	●
KASTOpos GA 4	●				●			●
KASTOverta A 2	●				●	●		
KASTOtwinn U 4	●					●		●
KASTOwin A 3.3	●					●		●
KASTOwin A 4.6	●					●		●

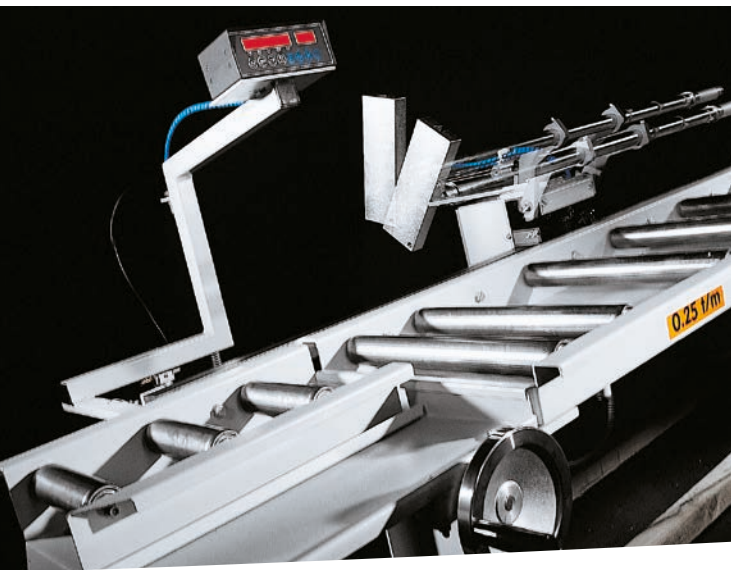
* short roller conveyor



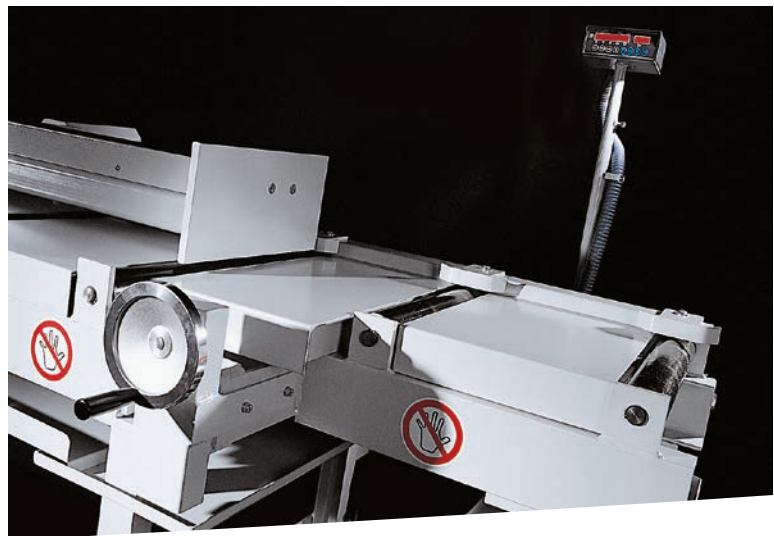
Manual measuring stop KASTOexact M 150.



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.

UNITOWER C: Compact Storage System – up to 7,2 m System Height

Storage room
economically used.

The standardized storage system is suitable for all applications with a high variety of materials, which can be stored like long material or sheet metal. 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:

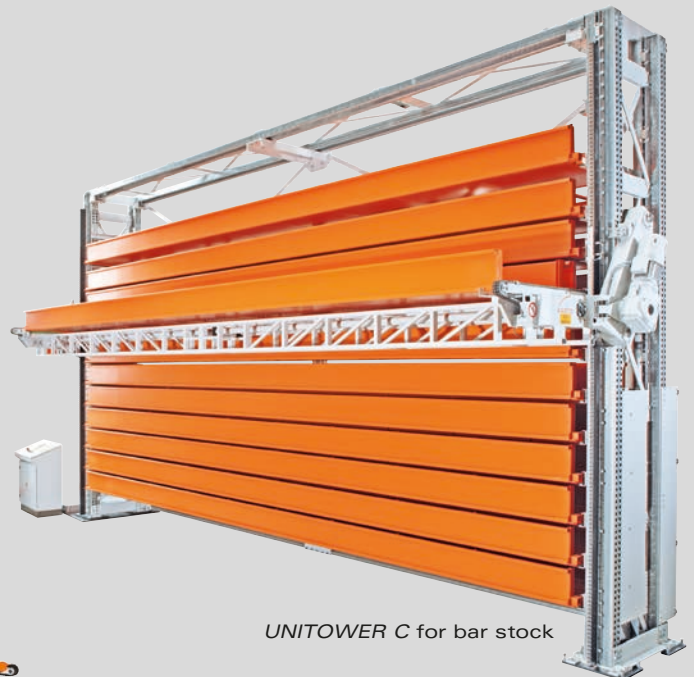
- Economical automatic storage system for long material and sheet metal
- Pluggable, modular cassette/pallet supports, variable in height, for different loading heights
- Loading and unloading always at an ideal height
- Easy operating by means of selection of storage place and approval key at dead man's 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 (self installation is possible)
- Up to three different loading heights are selectable

Accessories:

- Socket pin for pallets in order to protect the storage goods against shifting
- Storage support for pallets with excavation pins for unpacking sheet metal and for a better handling of the loading goods by means of fork lift or crane
- Automatic control with safety device
- Station carriage, manually movable, for loading and unloading at the rear side of the system
- Socket pin for C-profiles cassettes for individual extension of loading height



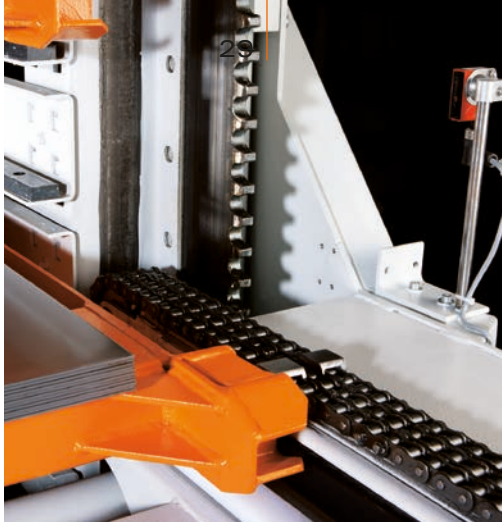
UNITOWER C for sheet metal



UNITOWER C for bar stock



Storage control with preselection of compartment and approval key.



Lifting beam with toothed rack and excessive height control as well as steel construction with slide support.



Lifting beam with cassette for long material and lifting gear drive.



Pallet with socket pins (accessory).



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



Manually movable lateral carriage for loading at the rear side of the system (accessory).

Technical Data		Bar stock	Sheet metal
Dimensions of storage area large format (W x H)	mm	840 x 6.500 (8.000)	1.524 x 3.048
Load per pallet	t	0,8 - 2,5	1,2 / 3,0
Loading height*	mm	108 - 792	51 - 897
System height	mm	3.080 - 7.200	3.080 - 7.200
Space requirement standard version			
Length	mm	approx. 7.950 (9.450)	approx. 4.350 (4.550)
Width	mm	approx. 2.300	approx. 3.405
Space requirement automatic version with extendable safety device			
Length	mm	approx. 8.150 (9.650)	approx. 4.550 (4.750)
Width	mm	approx. 2.945	approx. 4.050

(Special lengths upon request)

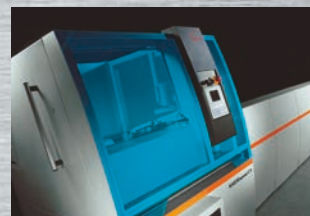
* in 47 mm / 1,85"-scale

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

Expertise right down the line.

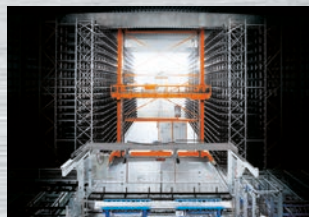
For over 170 years, KASTO has been recognized for quality and innovation, and offers a complete range of metal cutting saws, as well as storage and retrieval systems. Thanks to an ongoing development of new technologies and constant optimization process of machine concepts, KASTO has achieved the status 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.

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. And of course, KASTO service is available worldwide.

Your KASTO Partner



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