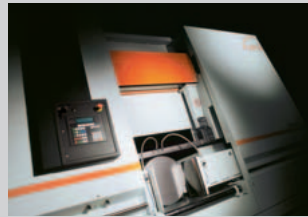


The Complete KASTO Program: Economic Sawing and Storing of Metal

Expertise right
down the line.

For over 160 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 storage systems, 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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KASTO®



KASTO*alu*. Circular Sawing Machines for aluminium and plastic.





Semi-automatic up-stroking miter circular saws with infinitely variable saw feed in vertical direction.

Semi automatic up-stroking aluminium circular saws KASTOalu E 12/ U 12

Infinitely variable to highest accuracy.

Highest cutting precision from the infinitely adjustable miter device. KASTOalu U 12 features two horizontal and two vertical clamping elements including integral protective hood covering the entire cutting area. KASTOalu E 12 features one vertical and two horizontal pneumatic clamping elements.

- For aluminium and plastic profiles
- Manual miter adjustment
- Hydro-pneumatic, infinitely variable saw feed with rapid return
- Minimum amount lubrication system
- Compressed air gun with hose
- Connection port for chip suction
- Carbide saw blade, diameter 300 mm (11.81")

Miter adjustment range:
horizontal miter from 0° left to 0° right
(swivel range 180°)

Semi-Automatic Up-stroking Aluminium Circular Saw

KASTOalu U 14

Cuts economically over a large cutting range

The semi-automatic up-stroking Circular Saw offers a large cutting range with a 400 mm (15.75") saw blade. It operates vertically with an infinitely variable saw feed. The easy to handle integral protective hood covers the entire saw range.

- For aluminium and plastic profiles
- Manual miter adjustment
- Hydro-pneumatic, infinitely variable saw feed
- Two horizontal and two vertical pneumatic clamping elements
- Minimum lubrication system
- Compressed air gun with hose
- Connection port for chip suction
- Carbide saw blade, diameter 400 mm (15.75")

Miter adjustment range:
horizontal miter from 0° left to
0° degree right (swivel range 180°)

The large scale ensures highest accuracy with the manual adjustment of miter cuts – on both sides!





Safe and clean operation: When saw starts up, the Integral protective hood closes automatically and opens when saw stops.

Semi-automatic Up-stroking Aluminium Circular Saw KASTOalu U 20.

For extremely large cutting ranges: 550 mm (21.65") saw blade

Heavy-duty, semi-automatic Up-stroking Circular Saw with pneumatic, horizontal and vertical clamps. Infinitely variable saw blade feed in vertical direction.

- For aluminium and plastic profiles
- Manual miter adjustment via hand wheel, digital display
- Hydro-pneumatic, infinitely adjustable saw feed
- One horizontal and two vertical pneumatic clamping elements
- Minimum amount lubrication system
- Compressed air gun with hose
- Connection port for chip suction
- Carbide saw blade, diameter 550 mm (21.65")

Miter adjustment range:
horizontal miter from 70° left to 70° right

Fully Automatic Up-stroking Aluminium Circular Saw KASTO*alu* A 13

Fully automatically adjusted
to highest accuracy.

Highest performance for mass production cutting: The hydro-pneumatic NC-up-stroking Circular Saw KASTO*alu* A 13. The saw blade cuts in vertical direction with an infinitely variable saw feed. The precision ball lead screw guarantees highest accuracy during material feed by utilizing a shuttle vice.

- Hydro-pneumatic, infinitely variable saw feed
- Infinitely variable cutting height adjustment
- One vertical and two horizontal pneumatic clamping devices
- Integral protective cover over the entire saw cutting range
- Minimum lubrication system
- Compressed air gun with hose
- Two connection ports for chip suction
- Carbide saw blade, diameter 400 mm (15.75")

Miter adjustment range:
Only 90° cuts (automatically)

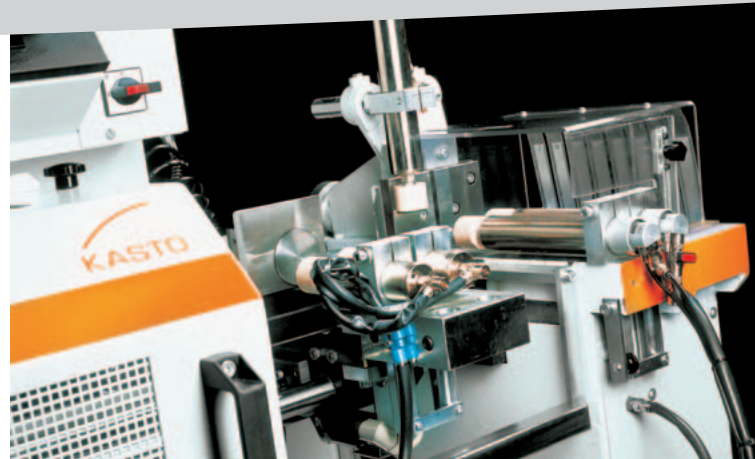
Precision made easy: The KASTO control CompactControl with self-explanatory symbols as well as 98 data sets with length and number of pieces combinations.



Technical Data KASTOalu:

			<i>E 12 / U 12</i>	<i>U 14</i>	<i>U 20</i>	<i>A 13</i>
Miter, horizontally			+/- 90°	+/- 90°	+/- 70°	-
Miter, vertically			-	-	-	-
Cutting range with 90° round	○	mm	100	140	200	100
Cutting range with 90° rectang.	□	mm	110 x 70	200 x 80	300 x 100	200 x 90
Cutting range with 90° square	□	mm	80 x 80	125 x 125	180 x 180	105 x 105
Cutting range with 45° round	○	mm	100	130	200	-
Cutting range with 45° rectang.	□	mm	80 x 75	140 x 80	200 x 120	-
Cutting range with 45° square	□	mm	75 x 75	110 x 110	150 x 150	-
Material feed length		mm	-	-	-	600
Material multiple feed		mm	-	-	-	9.999
Shortest remnant length in automatic		mm	-	-	-	90
Material support height		mm	925	925	980	900
Weight		kg	150 / 164	185	827	365
Driving power		kW	1,5	1,8	3,0	3,0
Cutting speed		U/min	2.800	2.800	3.070	2.800
Saw blade dimensions		mm	300 x 32 x 4	400 x 32 x 4	550 x 32 x 4	400 x 32 x 4
Length x width		mm	700 x 800 / 650 x 800	700 x 1.100	1.440 x 1.385	1.240 x 1.100
Height		mm	1.225 / 1.300	1.370	1.715	1.450
Operating pressure		bar	7	7	7	7

Material feed KASTOalu A 13 via accurate and maintenance-free ball lead screw



Chip suction device for all types of the KASTOalu series



KASTO-Control CompactControl for easy and safe operation of the KASTOalu A 13



Digital measuring stop KASTOstop M 0.

