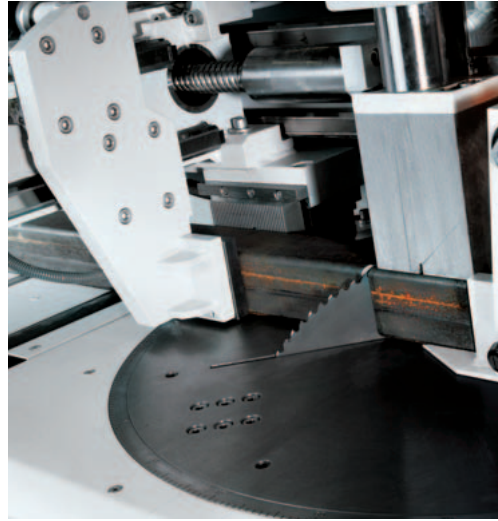




Generous access for easy saw blade change



KASTOflex A: Vertical clamping vise and material feed unit

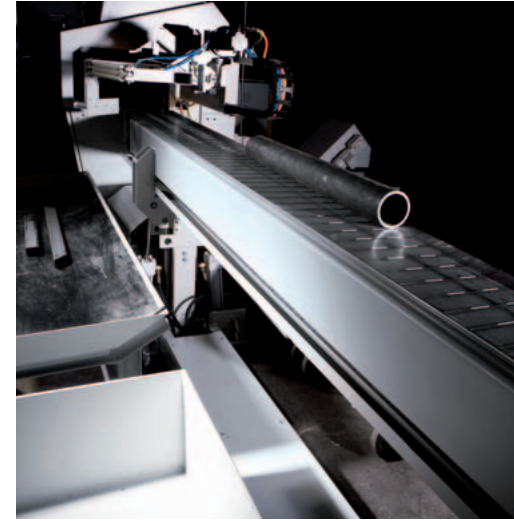
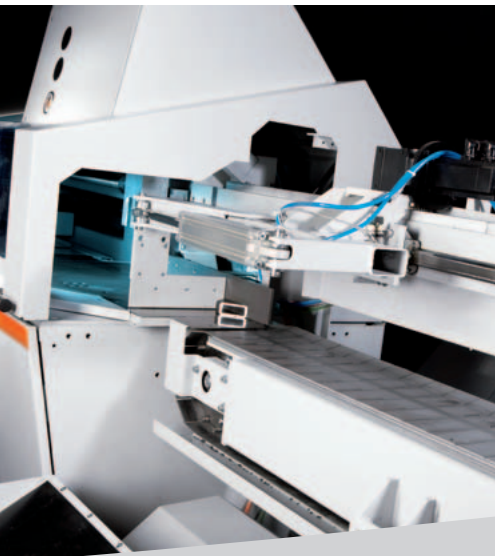
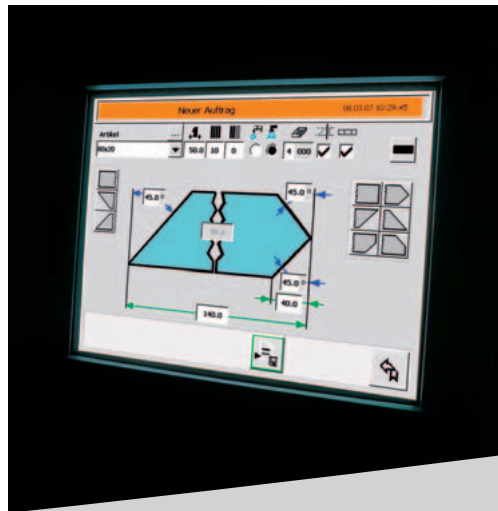


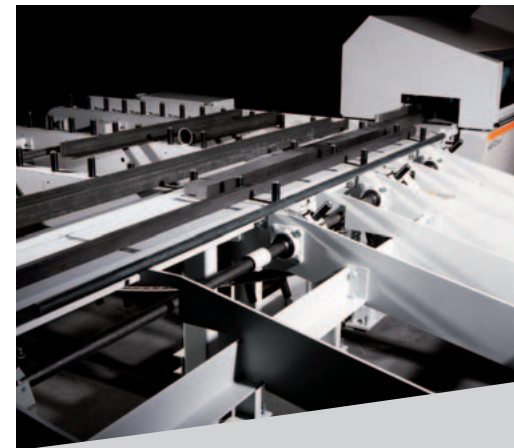
Plate conveyor for KASTOflex F cut-piece sorting



Cut piece pusher for KASTOflex F



Control of the KASTOflex F EasyControl: Order entry with geometrical display of mitre cut



Universal magazine for KASTOflex F with restoring buffer

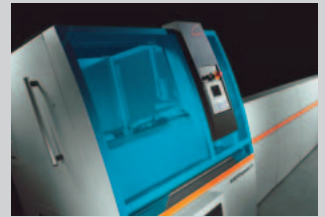
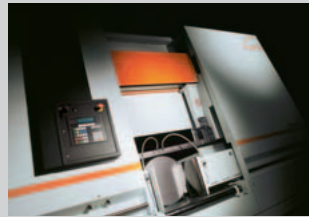
Technical Data	KASTOflex U	KASTOflex A	KASTOflex F
Cutting range, round with 90°	150 mm	150 mm	150 mm
Cutting range, square with 90°	140x140 mm	140x140 mm	140x140 mm
Cutting range, flat (hwx) with 90°	350x25 mm	200x100 mm	200x100 mm
Cutting range, round with 45°	145 mm	145 mm	145 mm
Cutting range, square with 45°	120x120 mm	120x120 mm	120x120 mm
Cutting range, flat (hwx) with 45°	280x30 mm	160x80 mm	160x80 mm
Cutting range, round with 60°	140 mm	115 mm	115 mm
Cutting range, square with 60°	110x110 mm	100x100 mm	100x100 mm
Cutting range, flat (hwx) with 60°	170x50 mm	120x60 mm	120x60 mm
In automatic operation, shortest remnant length 90°		35 mm	35 mm
In automatic operation, shortest remnant length 45°		95 mm	95 mm
Smallest to be cut diameter	10 mm	8 mm	8 mm
Mitre swivel range	manual +/- 90°	manual +/- 90°	automatic +/- 60°
Saw feed – speed range	10-520 mm/min	10-520 mm/min	10-520 mm/min
Material feed length, straight cut		up to 2.030 mm	up to 2.030 mm
Material feed length, mitre cut		up to 1.970 mm	up to 1.970 mm
Cutting speed (infinitely variable option)	12/24 m/min	12/24 m/min	10-60 m/min
Control		CompactControl	EasyControl (opt. TechnoControl)
Total power	6/8 kW	6/8 kW	8 kW
Power saw motor	1,4/2,2 kW (opt. 4,0 kW)	1,4/2,2 kW (opt. 4,0 kW)	frequ. opt. 4,0 kW
Saw blade dimension (ø 350 mm option)	Ø 400 up to 450 mm	Ø 400 up to 450 mm	Ø 400 up to 450 mm
Total dimensions			
Length	1.795 mm	3.660 mm	4.800 mm
Width	1.400 mm	1.200 mm	1.500 mm
Height	1.900 mm	1.900 mm	1.900 mm
Material support height	1.050 mm	1.050 mm	1.050 mm
Weight	1.350 kg	2.500 kg	2.500 kg

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' excellent 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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KASTO®

KASTO*flex*: Universal, Semi- or Fully Automatic
Circular Saws for Machine Shops and
Production Cutting



KASTOflex U

From Cut to Cut,
It Can Do It All

Universal, accurate and fast – the high performance semi-automatic circular saw is designed for machine shops and factories alike to cut profiles, tubes and solids – straight 90° as well as double-sided mitre cut.

Quick work piece clamping via push-button with hydraulic long-/short stroke vertical clamping vice.

Swivel range of rotary table 180°, angle adjustment manually via vernier scale, easy indexing due to four-point roller bearing. Fixed stops for 90° and 45° right and left, more stops available upon request.

Hydraulic, infinitely variable constant saw feed. No saw blade change, no set-up times necessary in mixed profile/solid operation. Easy electronic cutting height limitation with “teach in” method.

Direct drive via multi-speed three-phase motor, four-step helical spur gear drive with hardened and ground gears running in an oil bath, upon request, infinitely variable cutting speed, frequency-controlled (option)

KASTOflex U.





KASTOflex A.

KASTOflex A

Fast and Flexible – For Single or Production Cuts

Universal and economical – the circular saw for single and production cuts. An ergonomic work height and good accessibility – the enclosure opens wide – make flexible single cutting easy. The full enclosure provides an excellent view of the working area and guarantees safe automatic operation.

The material feed of up to 2000 mm in a single stroke makes multiple strokes for long cut lengths a thing of the past. A sturdy linear-guided material feed, powered via ball lead screw, ensures accurate cut-piece lengths.

The material clamping vice opens to both sides for a touch-free return stroke.

In automatic operation, the minimum remnant length is 35 mm for straight 90° cuts and only 95 mm for 45° mitre cuts – minimizing material loss.

The centrally located operating panel with the KASTO *Compact-Control* (Siemens S5 compatible) makes for an easy order entry.

KASTOflex F

Unmanned Operation

Available for fully automatic 90° and mitre cuts. Economic and efficient – from the roller conveyor or the magazine into the cut-piece container. Regardless of the number of cuts, orders are processed unmanned in an unmanned operation providing sufficient material is available.

For the material supply, optional infeed roller conveyors and – depending on application – different magazines are available.

Other possibilities for an unmanned material supply: Direct integration into a KASTOcenter (combination saw and storage system) or a KASTOsawcell (combination of cassette storage system with separation for the cassette and transport of the individual bar to the saw).

The cut-pieces are separated from trim cuts, intermediate cuts and remnants and can be sorted, discharged into different containers or stacked (option), depending on the requirement.

Easy order programming of the KASTO-saw control *EasyControl* with graphic display of cutting geometry and calculated material amount per order. The saw parameter and the cutting path are automatically allocated to the to-be-stored material master data in the material memory.

KASTOflex F with Saw Control,
"TechnoControl" (control: option)

