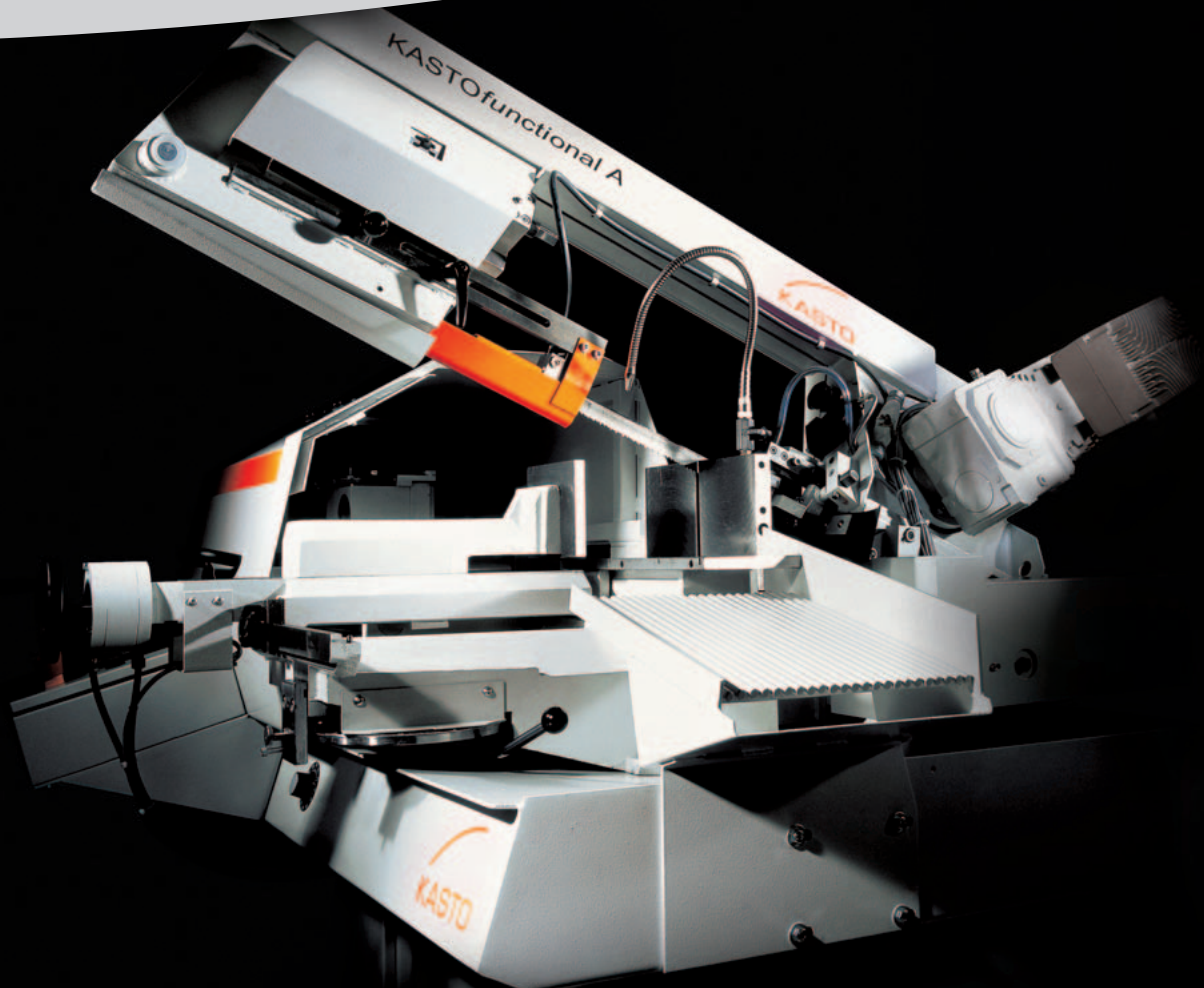


KASTO*functional*. Bandsawing Machine for Manual, Semi- and Fully Automatic Straight and Mitre Cuts.



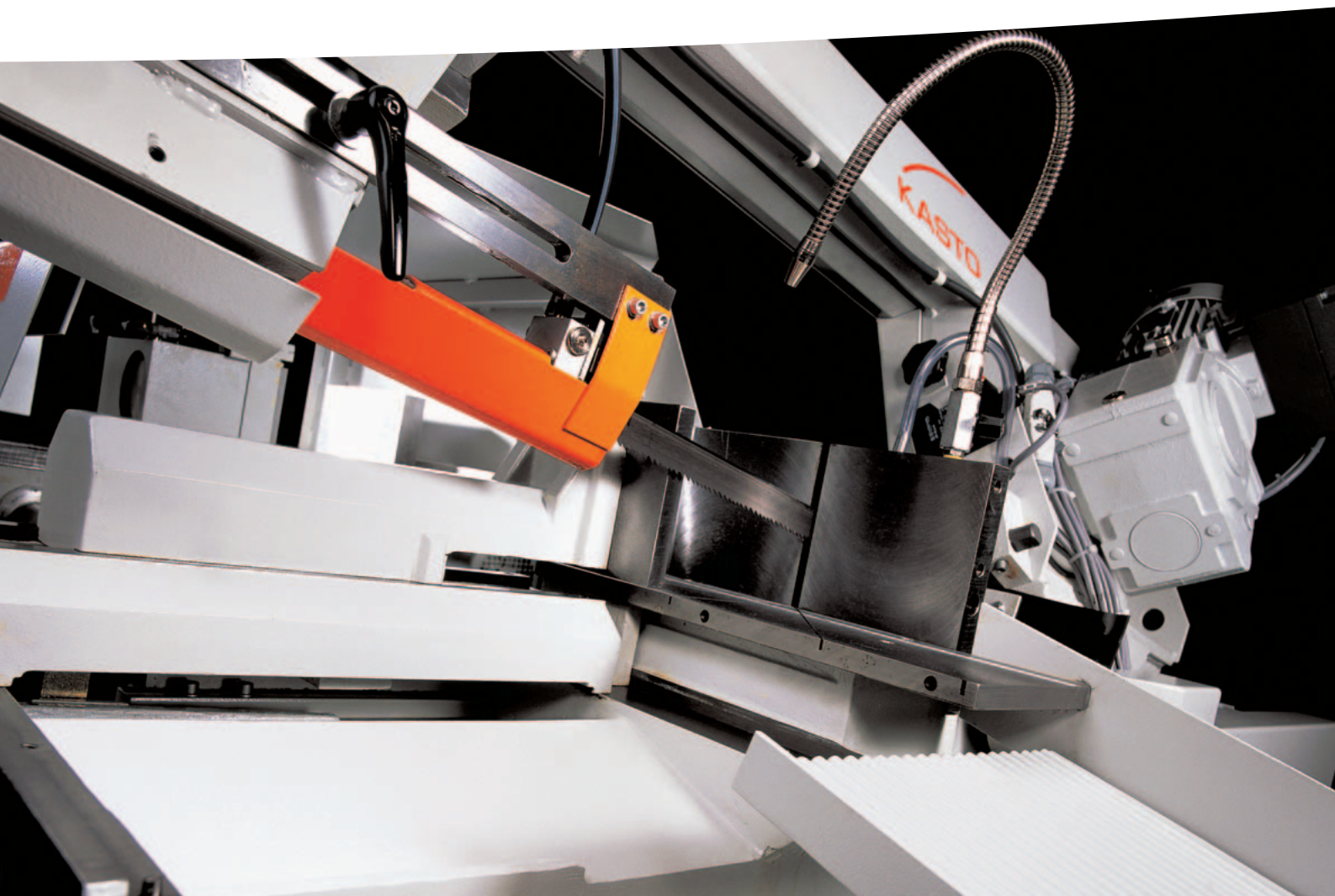
Robust, versatile, uncomplicated: Bandsawing Machine *KASTOfunctional*.

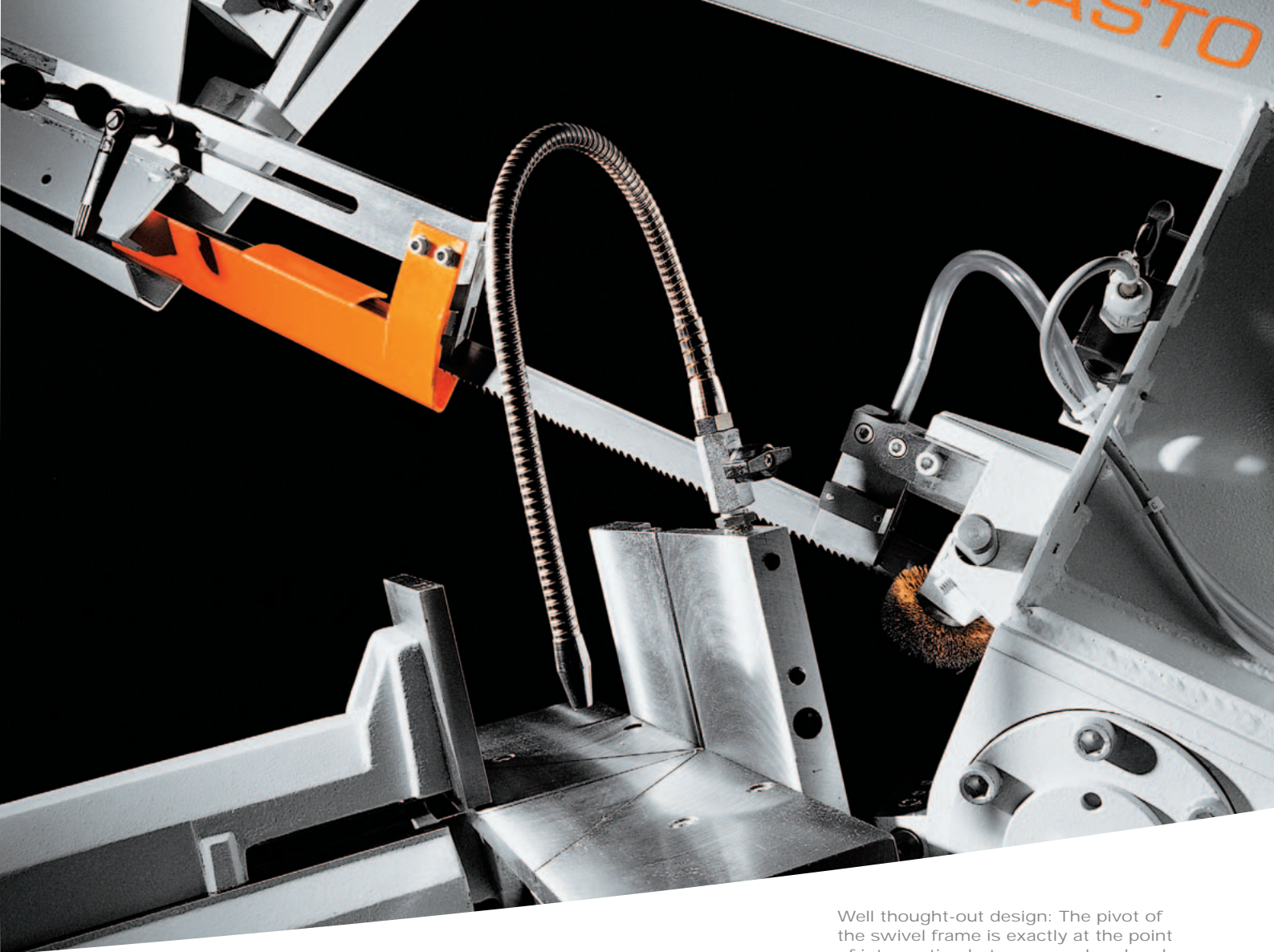
High performance and lots of features for your money: *KASTOfunctional*.

Designed for straight and mitre cutting of tubes, profiles and solids in workshops: The swivel frame Bandsaw *KASTOfunctional*. Even the semi-automatic version *KASTOfunctional U* offers a fully hydraulic saw feed. The fully automatic *KASTOfunctional A* is equipped with the *KASTO NC CompactControl*. Both versions have an infinitely variable adjustment of the cutting speed from 18 - 90 m/min (59 to 295 ft/min). The *KASTOfunctional A* uses a ball lead screw for precise material feed. The play-free swivel bearing and the vibration free design of the swivel frame make for quiet and accurate sawing - flat material to a width of 300 mm (11,8")!

KASTO CompactControl: The control of the *KASTOfunctional A*.

Standard with the *KASTOfunctional A*: The NC sawing control *KASTO CompactControl*. It offers softkey function keys with easy to understand symbols and stores all important data. Up to 30 data sets of length/number combinations can be stored. Status and fault messages like "material end", "sawband tension too low" or "protective cover open" are displayed in plain text so that the operator can take corrective action immediately.





Well thought-out design: The pivot of the swivel frame is exactly at the point of intersection between sawband and material support.

Infinitely variable mitre adjustment without re-adjusting the cut length.

For mitre cuts in semi automatic mode, the upper part of the *KASTOfunctional* can be adjusted 45° to the left and 60° to the right. In automatic, right handed mitre cuts to 45 ° are possible. The mitre setting is quick and easy using an easy to read scale. And since KASTO placed the pivot of the saw unit exactly at the point of intersection between sawband and material support edge, length correction of the work piece is not necessary! Another advantage: Material is placed always parallel to the infeed axis and does not need to be turned around! The fully hydraulic saw feed guarantees smooth sawing and is easy on the blade; the machine has an operator-friendly working height of 950 mm (37,4").

Standard equipment of the KASTO*functional A*.

Fully equipped from the factory.

- Sawband guide via mechanically pretensioned carbide guides
- Hydraulic horizontal clamping vice with material end feeler
- Electro-powered material feed
- Minimum rpm control
- Cutting height recognition: Reduces the idle time
- Coolant system with integrated pump, coolant hose with spout
- Powered chip removal brush

KASTOfunctional A:
The fully automatic machine.



Machine with options

KASTOfunctional U:
The semi-automatic
machine.



Hydraulic horizontal clamping vice:
For optimum work piece clamping and
cutting of short remnants (Standard with
KASTOfunctional A).

Accurate: Electro-powered material
feed via ball lead screw with
KASTOfunctional A.

Mechanically pretensioned carbide guides
make a reliable and precise sawband guide.



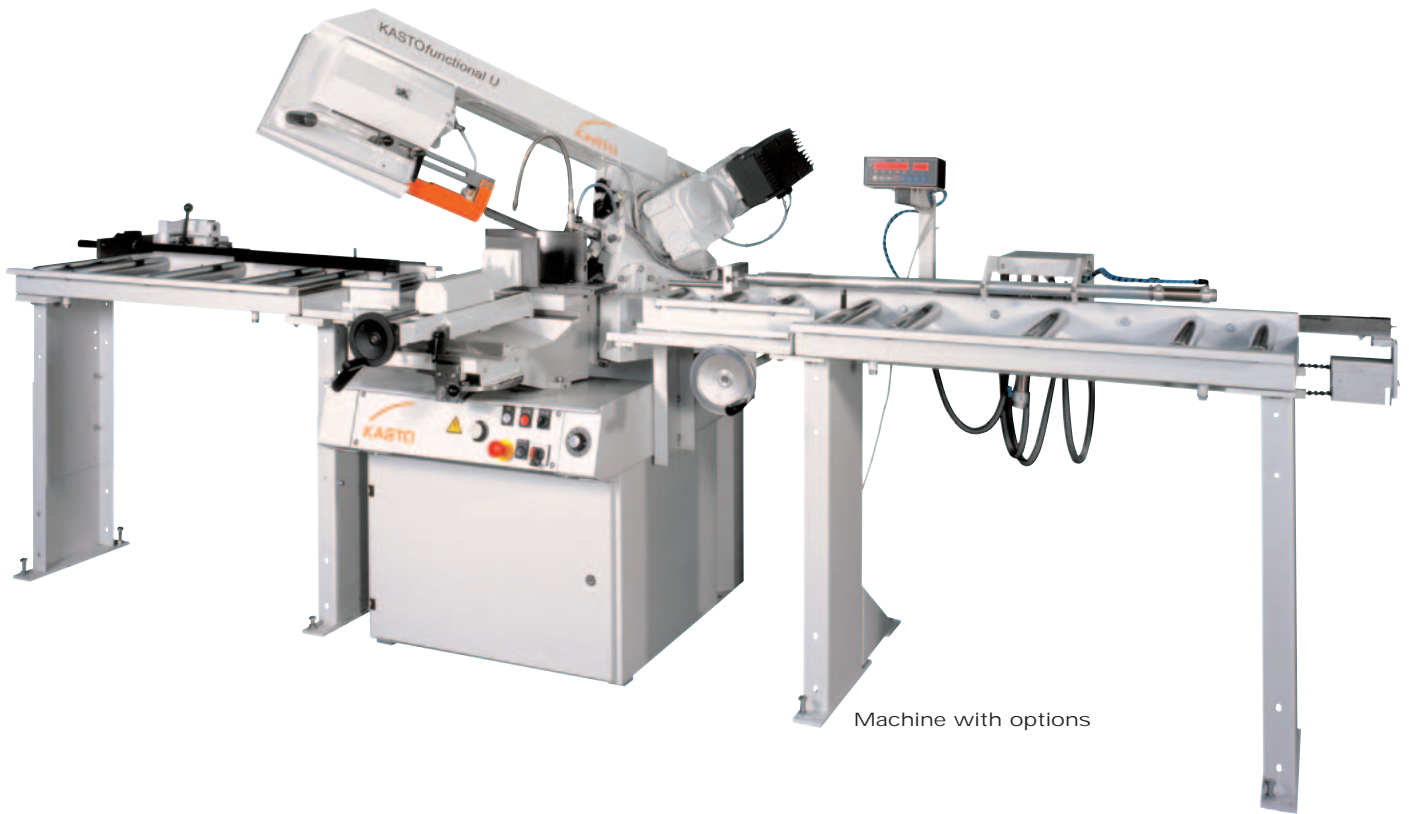
The sawing control KASTO *CompactControl*
(Siemens S 5-compatible) combines
easy operation with high safety for operators
and machines (only for KASTOfunctional A).

Coolant system with integrated pump and
hose with spout.

For safety and cleanliness:
chip removal brush.



KASTOfunctional M: For manual operation.



Machine with options

For each task the proper light:
Machine light for all
KASTOfunctional models.



Recommended when
cutting tubes or profiles.
Micro-spray lubrication system.



A multiple clamping device for
KASTOfunctional enables accurate layer cuts.



Digital accuracy: The measuring stop
KASTOstop U 2 for KASTOfunctional.



As well available for the KASTOfunctional:
A hydraulic holding-down-device
(only for KASTOfunctional U)



Quick and easy: manual measuring stop
KASTOstop M 1.



Technical Data		KASTO functional M/U/A	Characteristics			M	U	A
Cutting ranges		○/□/□						
Cutting range [mm] 90°		260 / 300 x 260 / 260 x 260	Total power					
+ 45°		200 / 200 x 240 / 200 x 200	of the standard machine					
+ 60°		165 / 160 x 120 / 150 x 150		1,1 kW	2,0 kW	2,5 kW		
- 45°		200 / 200 x 240 / 200 x 200	Saw motor					
Sawband dimensions		2.910 x 27 x 0,9	Infinitely adjustable (optional)					
				1,5 kW	-	-		
			Frequency-controlled (optional)					
				-	-	1,5 kW		
Measurements and weights		M/U/A	Cutting speed [min]					
Length [mm]		850 / 850 / 1.500	34/68 m/min	18-90 m/min	18-90 m/min			
Width [mm]		1.700 / 1.700 / 1.700	Material feed, single					
Height, head lowered [mm]		1.480 / 1.480 / 1.480	manual					
Length, head highest position [mm]		1.900 / 1.900 / 1.900	manual					
Material support height [mm]		950 / 950 / 950	500 mm					
Total weight [kg]		420 / 510 / 890	Material feed, max.					
			-					
			Shortest cut-off length					
			-					
			Material clamping					
			mechanical					
			Material clamping (optional)					
			-					
			Cutting feed					
			manual					
			hydraulic					
			hydraulic					

Deciding service factor: The availability of the "Resource Saw".

Satisfied customers do not come by accident.

For KASTO, customer service is a corporate principle. KASTO views service as an integral part of a long-term partnership with the customer – for long lasting performance and reliability of KASTO products. Very often, problems can be solved by the operator after a telephone consultation. Spare parts are often shipped the same day. If necessary, courier or next-day air services are used. For competent on-site help, more than 25 specially trained service technicians with well equipped service cars are ready to go. In addition to the KASTO main factory in Achern, service technicians are also stationed in the KASTO facility in Schalkau, Thuringia, as well as in the Sales and Service Centre in Krefeld. This ensures that every location in Germany can be reached within a few hours. The sales partners abroad store a large variety of spare parts and have KASTO trained service technicians available.