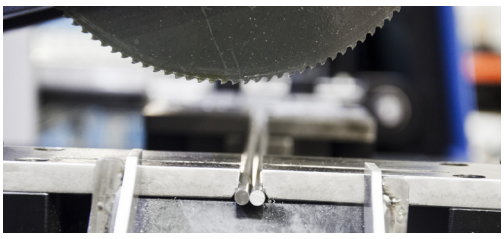
HIGH EFFICIENT
CIRCULAR SAW

MAC/MAM 25

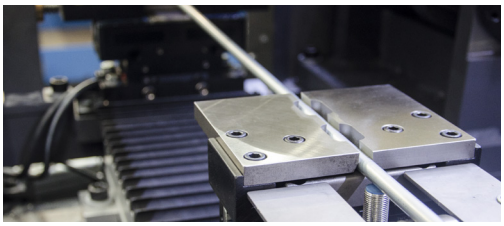


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SMALL IN APPEARANCE BUT BIG ON POWER!



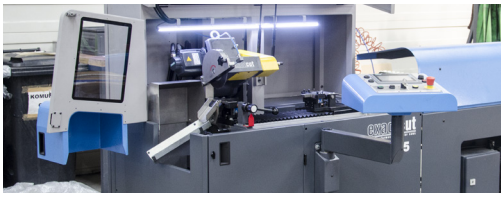
Simultaneous cutting of two bars of up to 10 mm diameter.



Accurate positioning with high precision of cutting lengths.



Modular type of conveyor with light-weight structure made from aluminium.



Simple operation and perfect access to all parts of the machine.

ExactCut MAC/MAM 25 Circular Saw

The development of the new model of MAC 25 circular saw is the result of ever increasing demand for large-series cutting of bars, wires and pipes of small dimensions. The often substandard quality of sheared pieces is one of the main reasons for choosing the cutting technology.
The compact design of the machine with the feeder equipped with linear motor, precise gripping devices with short stroke and optimized drive mechanism of a circular-saw blade are indispensable prerequisites for accurate cut-to-size pieces and high machine output. The use of circular-saw blades with a diameter from 100 to 180 mm and thickness of 0.2 mm and upwards provides significant reduction of the amount of material waste.
The machine performance creates an opportunity for cutting multiple bars simultaneously. The size and dimension of bundles depend on the dimension, shape, composition and the requirements for material feeding. In its basic design the incoming part of the circular saw is equipped with a modular, light-weight bucket conveyor made from aluminium. The conveyor provides for the separation of bars and their transport to the machine. Another option for forwarding/ feeding the bars of small diameters is that the conveyor can be replaced by a reel with straightening bench.

Technical informations

Material to be processed on the machine: steel / non-ferrous metals	
Cutting range:	
O OO	Ø 2 - 25 mm 2x Ø 2 - 10 mm / other on demand
Length of the remains	50 mm
Max. bar weight – at the input	1000 – 3000 mm / 1000 – 6000 mm / drum
Max. bar weight – at the input	250 kg

Saw blade			
Type	HM / HSS	Cutting speed – smoothly adjustable	up to 260 $m.min^{-1}$
Diameter x wall thickness	Ø 100 – 180 x 0,2 - 2 mm	Power output of saw blade drive	1,5 kW
Diameter of clamping centre	Ø 22 mm	Feeder stroke	500 mm
Carrier holes	4x6x52	Acceleration / feeder speed	10 $m.s^{2}$ / 3 $m.s^{-1}$

BEC Solution Group

exactcut
high performance circular saws

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