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KASTOtec AC 5



Q Zoom



KASTOtec AC 5

It's an open secret that the economic use of automatic sawing machines consists of two things: High metal-cutting performance on the one hand and low non-productive times on the other. The KASTOtec AC was developed for the optimal use of the bi-metal, bi-metal plus, carbide and carbide plus tool technologies offered on the market. In this way, optimal productivity is achieved with a higher cutting performance and a more economic use of carbide bands. The control system used in the machine enables the automatic assignment and lasting storage of the cutting technology adapted to the respective material qualities and the saw band used (bi-metal or carbide). This doesn't just lower tool costs, it also results in significantly shorter cutting times - depending on the saw band, savings of 50 per cent and more are possible. The simple operation and the well-designed material handling reduce downtimes and thus create the best conditions for optimum economic efficiency.

- The machine offers all well-known features of the KPC package (KASTO performance cutting)
- Saw blade guide using hydraulically preloaded carbide sliding guides
- Electronic monitoring of the hydraulic saw band tension
- Continuously adjustable cutting speed, centrally adjustable
- Optimal saw band service life thanks to the patented belt-free stroke when lifting the saw frame
- 0 - degree start point for fully automatic positioning of the first cut
- Controlled saw feed movement using two ball screw spindles
- Optimal cleaning of the saw band by electric, motor-driven, self-adjusting chip-removal brushes
- Fast movement from servo drives and ball screw spindles for material feed and linear-guided saw frame
- Band guide arm automatically adjusts to the width of the material
- The saw machine control system *ProControl* is easy to operate and takes care of the crucial settings
- Easy input of sawing orders with section lengths, quantities and material selection
- Effective use of material up to a 35 mm short offcut
- New layout: Drive unit and sensors are separated from the actual work area - ensuring reliable and trouble-free operation
- Material clamping jacks with free-lift device ensure reliable automatic operation
- High cutting performance with impressive repeat accuracy
- Good accessibility despite compliance with current safety standards
- 50 % savings on wear and tear costs compared with predecessor machines



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We are happy to help:



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Technical data

KASTOtec AC 5

| | |
|---|--------------------------------------|
| Cutting range | |
| Form | |
| Cutting range | 530 mm / 530 x 630 mm / 530 x 630 mm |
| Clamping range | 0 - 630 mm |
| Smallest dimension to be cut | 10 x 10 mm |
| Shortest length of residual piece, single cut | 10 mm |
| Shortest remnant length | 35 mm |
| Shortest cut-off length | 6 mm |

| Mass and height | |
|--|---------------------|
| Length | 2.235 mm |
| Width with chip conveyor approx. | 5.335 mm |
| Height approx. | 2.820 mm |
| Total weight | 6.550 kg |
| Material support height | 700 mm |
| Performance characteristics | |
| Connected load | 25 kW |
| Power of saw motor | 15 kW |
| Power at running wheel | 14 kW |
| Cutting speed infinitely variable (50-60 hz version) | 30 - 300 m/min |
| Material feed length - individual feed | 600 mm |
| Multiple feed | 9.999 mm |
| Saw blade dimensions | 7.675 x 54 x 1,6 mm |

We reserve the right to make technical changes.

[Download data sheet](#)

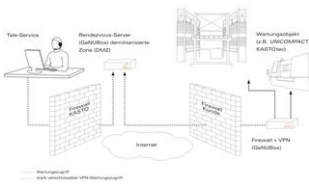
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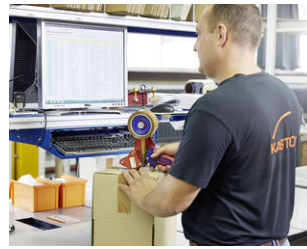
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