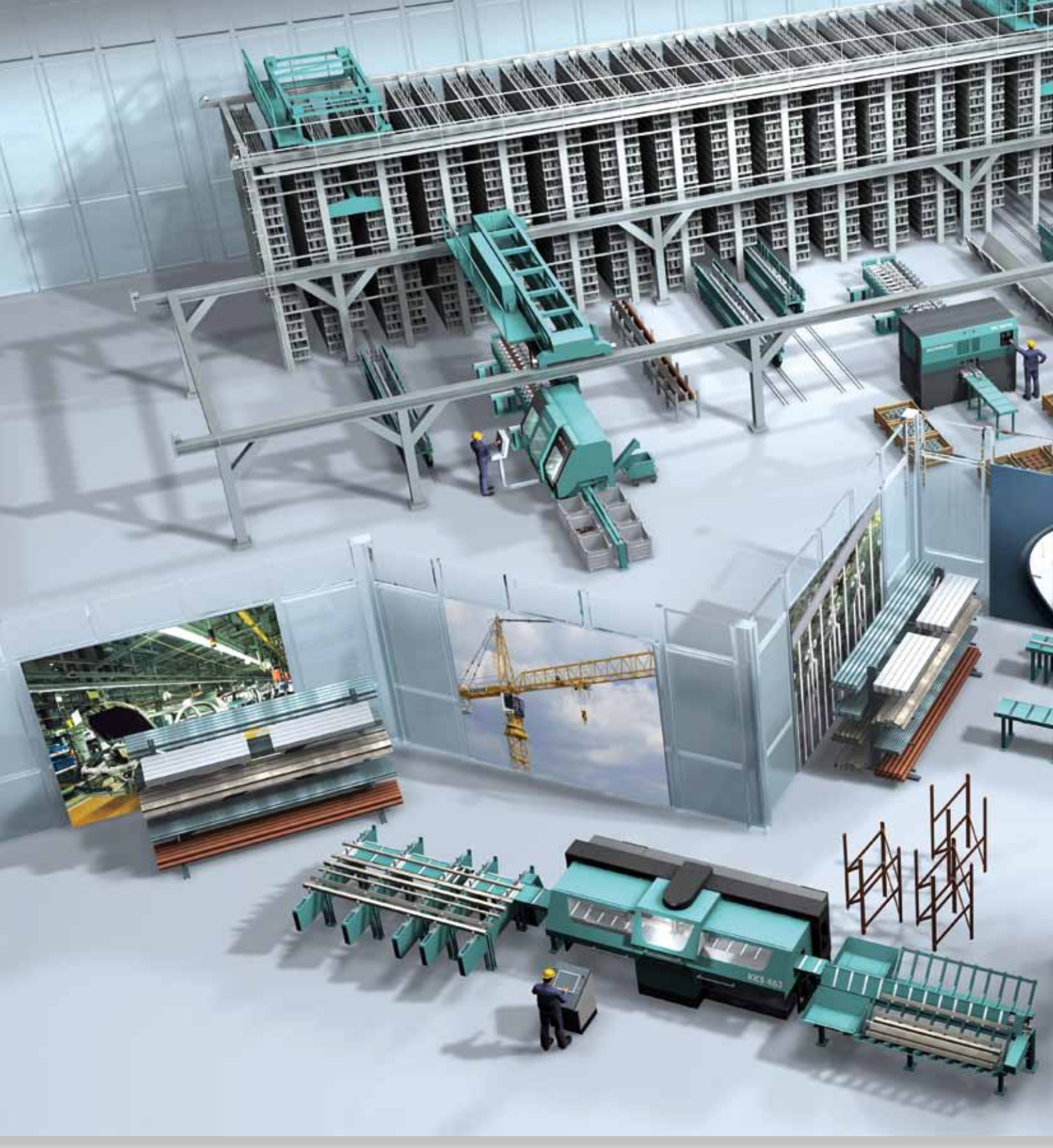


MSK 471 NA
Circular Saw
for Straight Cutting

KALTENBACH



The complete KALTENBACH program for metal processing



Be a Winner with **KALTENBACH**

The “Money Maker”



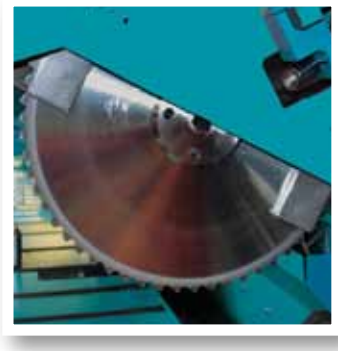
Applications: cylinder manufacturer, steel service center, machine construction, transport systems, shipyard, agriculture, etc.

MSK 471 NA

Fully-Automatic Universal Circular Saw for Straight Cutting



Efficiency and high precision make the high capacity automatic circular saw MSK 471 NA, a cash cow for the steel working. Especially short rest pieces lengths are a trademark of the machine which is also fully equipped for an unmanned operation. The MSK 471 NA is designed for use of HSS and carbide tip saw blades.



Advantages at a glance

- Work area: Ø 152 mm
- Fully-automatic processing and sorting of finished pieces
- Saw is low vibration due to extreme stiffness of the components
- Infeed side can be arranged modularly, according to production requirements
- Outfeed side can be customized according to customer-specific containers
- Use of HSS- and carbide saw blades
- Connection to storage systems

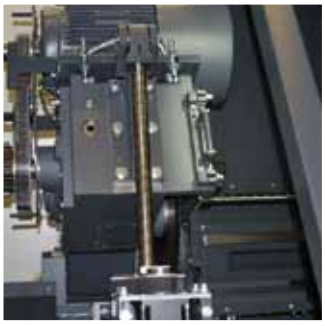






Material Feed Gripper

- Movement via ballscrew spindle and brushless servo motor
- Single and multiple stroke



Saw Blade Feed with Static Ballscrew Spindle

- Low vibration, variable, constant and fast feed
- Optimized saw blade clearance stroke
- Constant cutting depth
- High productivity with excellent saw blade life



Combined Drive for HSS and Carbide Equipped Tools

- Alternative use of HSS and Carbide tools for processing a wide range of materials
- Materials chart for HSS and Carbide tools included in PROFICUT operating software
- Cost optimization and high flexibility

Technical Data		MSK 471 NA
Sawblade	Ø mm	460
Drive performance	kW	19 (optional: 32)
Cutting speed	m/min	8-150 (optional: 50-300)
Single stroke length	mm	1.200
Multiple stroke length	mm	9.999
Feedrate	mm/min	0-2.000
Rapid advance/ return movement	mm/min	6.000
Machine Weight	kg	4.750
Working range	mm	152
working range Profile	mm	140x140
Working range Square	mm	140x140
Working range Roundmaterial	mm	152
Tools		HSS / TCT



Keep it Flowing!

Feeding, measuring and sorting

Intelligent flow of material on the infeed and outfeed side for universal saw machines



Efficient production flow thanks to intelligent systems for the infeed and outfeed side. The modular KALTENBACH concept facilitates optimum material throughput in any production environment.



FM 1 flat magazine

- Flat magazine for pre-storage of round and rectangular material in addition to profiles
- High flexibility through fully-automatic infeed of a variety of materials

Advantages at a glance

- Intelligent material pre-storage and sorting devices
- Infeed and outfeed roller conveyors are available in different lengths.
- Manual, automatic or NC-controlled designs are available
- The modular KALTENBACH concept also facilitates retrofitting at a later point in time

VM Bundle Magazine

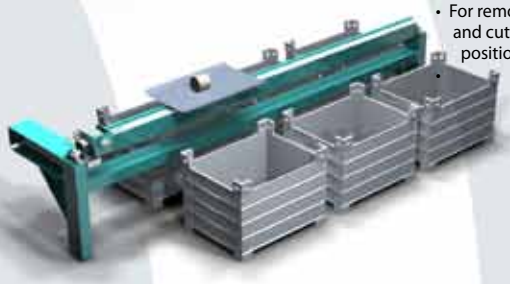
- For pre-storage of identical round or rectangular materials
- High throughput through fully-automatic infeed of individual material bars
- Available in left and right-hand models





Length Measuring Device

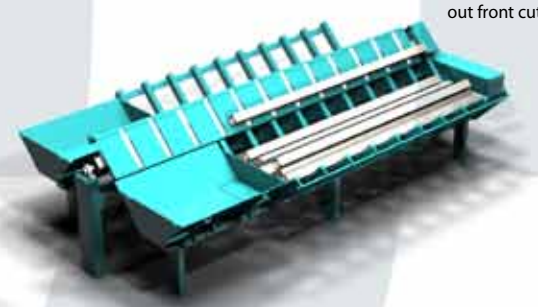
- Individual automation degrees
- Intuitive operation
- Measuring device extendable in units
- of 1000 or 2000 mm
- Available in left and right-hand models



Tilting Table with Distribution Device

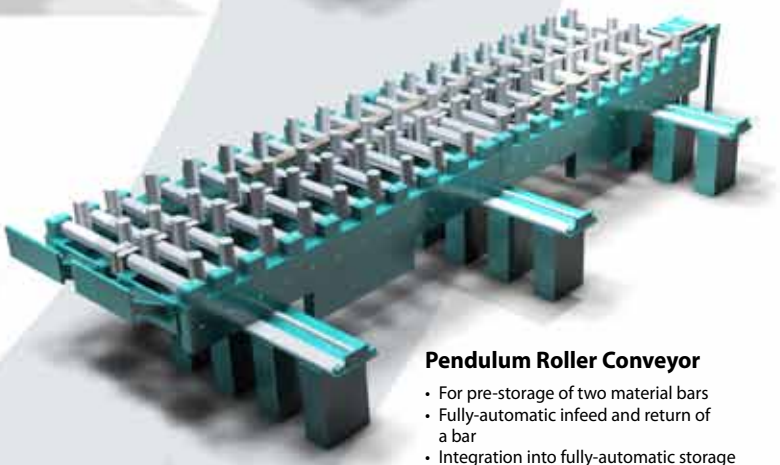
- For removal of front cuts, end pieces and cut lengths to freely-selectable positions





Tilt Roller Conveyor

- For removal and distribution of short and long pieces as well as for sorting out front cuts and end pieces



Pendulum Roller Conveyor

- For pre-storage of two material bars
- Fully-automatic infeed and return of a bar
- Integration into fully-automatic storage systems possible



LM 1 Loading Magazine

- Inclined magazine for pre-storage of identical round or rectangular materials
- High throughput through fully-automatic infeed of identical materials
- Available in left and right-hand models



“From practical experience – to be put to practical use!“

A Service Network that is there for You – Right from the Start!



Originale die passen!

KALTENBACH sets new standards in the area of customer service: Remote maintenance of all equipment ensures the fastest possible repair in case of malfunction, and therefore the highest possible equipment availability. Our specialists can be reached via a service hotline that offers professional support worldwide. A dense network of national and international service partners in over 40 countries ensures the presence at short notice of a skilled expert when needed. Our parts service ensures that users can get the spare parts they need for their machines even after many years.

Advantages at a glance

- Over 150 service technicians are available at more than 40 locations worldwide
- 1st level support through the local service organization
- 2nd level support through the specialists at the service helpdesk
- INITIAL ASSEMBLY: Consulting, Project planning, Organization, On-schedule, professional assembly/initial operation, Training
- Breakdown prevention through maintenance contracts (preventative maintenance)
- Worldwide express delivery of necessary replacement parts and tools



Service

Find your local Service Partner:
www.kaltenbach.com

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- original spare parts
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- assembly
- consultancy

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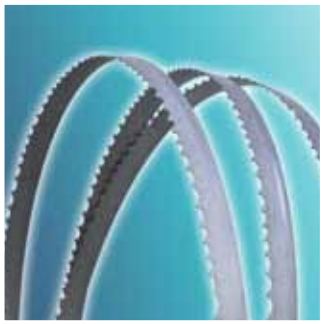
Original KALTENBACH-Tools: Assemble and produce



Tools for Drilling Machines



Saw Blades



Saw Bands



Additives and Coolant



All Information on our Homepage

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Be a Winner with **KALTENBACH**



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