



# Circular Sawing Machines KAS 400 P



## SKU : 102122

KAS series machines are designed for optimal machining of aluminum rods and aluminum profiles. The saw head can be precisely set for mitering, and pneumatic gripping cylinders hold the workpiece. The included machine base provides storage space for versatile machine setup. With their compact design and angular accuracy, these machines are used in facade and window construction and also in mechanical and systems engineering, when light metals must be cut to length with little or no reworking.

- High speed for aluminum cutting
- Angle cutting in both directions
- Dual vise with pneumatic clamping
- Rigid machine base included

## TECHNICAL SPECS

### WORKING AREA

Max. saw blade diameter	400 mm
Shaft diameter	32 mm
Speed	3000 1/min
Sleeve stroke	35 mm
Working height	900 mm

### DRIVE CAPACITY

Motor rating main drive	2.2 kW
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### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.66 m x 0.73 m x 1.6 m
Weight	123 kg

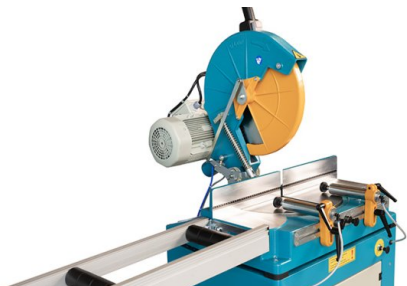
### CUTTING CAPACITIES

Cutting capacity 0° (round)	138 mm
Cutting capacity 0° (square)	138 mm
Cutting capacity 0° (flat) (length x width)	205 mm x 125 mm
Cutting capacity 45° (round) L	125 mm
Cutting capacity 45° (square) L	125 mm
Cutting capacity 45° (round) R	125 mm
Cutting capacity 45° (flat) L (length x width)	145 mm x 125 mm
Cutting capacity 45° (square) R	125 mm
Cutting capacity 45° (flat) R (length x width)	145 mm x 125 mm

## PRODUCT DETAILS



*Adjustable pneumatic workpiece grips with large practical tensioning lever*



*The saw head can be swiveled up to 45° to either side*



- The high-speed circular saw with miter adjustment is designed for cutting aluminum rods and profiles to length and guarantees exceptionally clean and burr-free cut surfaces
- Comparable light metal alloys and plastics can also be machined with high cut quality
- With its sturdy construction and robust design, this machine is intended for trade and industry use.
- A large smooth-surfaced material support with pneumatically operated workpiece gripping is available for holding the workpiece.
- Well planned ergonomics for easy adjustment of the saw head to the desired cutting angle
- The angle can be set precisely using the scale integrated into the table.
- Marks at common angle positions make precise positioning even easier
- Holding the workpiece on both sides is important for safe work and burr-free cutting
- The positioning jaw extends over the entire width of the setup table, and the position of the material grippers is adjustable
- The material grippers have a plastic insert in the gripping surface to protect the workpiece surfaces
- For saw cutting, the entire saw head is guided by the operator using a handle, while an assist spring reduces the operating forces
- The robust, low-maintenance drive has a powerful AC motor.
- A delicate, vibration-damping ribbed V-belt drive for the saw blade offers compact dimensions and excellent transmission performance at high rotation speeds
- The self-closing saw blade guard has a connection for exhaust attachments
- The machine base allows for space-saving flexible setup of the machine

## STANDARD EQUIPMENT

- 1 saw blade
- 2 x horizontal pneumatic clamp
- Air gun
- Sawblade cooling system
- Base
- Operator instructions

## OPTIONAL EQUIPMENT

- 3m roller conveyor with stop, SKU : 254012
- 1.5 m roller conveyor with stop, SKU : 254013



## KNUTH on YouTube

### Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**