



 > MADE IN GERMANY

## PRECISION PLUS POWER EQUALS QUALITY.

### KBS 400 DG NA

FULLY-AUTOMATIC, DOUBLE-COLUMN MITRE  
BAND SAW

POWERFUL SOLUTIONS –  
PASSIONATE PEOPLE



**KALTENBACH**

# KBS 400 DG NA

## FULLY-AUTOMATIC, DOUBLE COLUMN

### MITRE BAND SAW

#### ADVANTAGES AT A GLANCE:



- ▶ Vertical saw in robust twin-column construction
- ▶ Single, layer and bundle cuts
- ▶ Excellent band life and the best cutting quality due to an inclined sawband
- ▶ High cutting performance due to a powerful drive motor
- ▶ NC-controlled cutting angle setting
- ▶ Machine operation via graphical user interface with touch screen
- ▶ Sawband drive/Sawband feed (strong drive power for increased cutting speed; infinitely-variable sawband feed can be adjusted directly on the saw frame; long sawband life even with the most varied material dimensions)
- ▶ NC-controlled cutting angle setting (adjustment of free-standing control console; automatic, hydraulic clamping of the machine after reaching the mitre setting)
- ▶ Material feed gripper (feed gripper with hydraulic clamping unit; positioning drive with servo motor and planetary gearing over precision measuring rack and absolute rotary encoder; minimal remnant lengths due to optimized gripper contour)

#### HARD FACTS

- ▶ Sawband: 5.730 x 34 x 1,1 mm
- ▶ Drive performance: 3,0 kW
- ▶ Cutting speed: 15–90 m/min
- ▶ Feed rate: 0–300 mm/min
- ▶ Fast return stroke: 2.500 mm/min
- ▶ Machine weight: 3.600 kg
- ▶ Machine dimensions: (L x W x H): 2.710 x 4.520 x 2.150 mm
- ▶ Working range
  - □ Square material 400 x 350 mm
- ▶ Stroke length single stroke: 2.600 mm
- ▶ Mitre range: -45°/90°/+30°
- ▶ Tools: Bi-Metal

#### APPLICATIONS

Steel fabrication, steel service center, automotive sector, agriculture, machine construction, etc.

Some of the listed features are optional. More information here:

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