



 > MADE IN GERMANY

WITH COMBINED FORCES

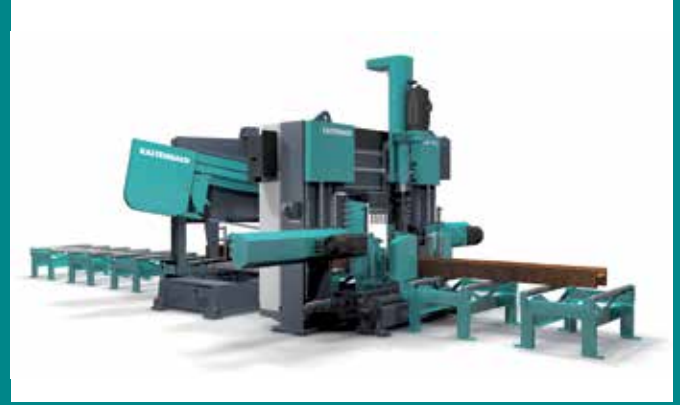
KBS 1051 DG + KDM 1015
SAW-DRILL-LINE

POWERFUL SOLUTIONS –
PASSIONATE PEOPLE



KALTENBACH

KBS 1051 DG + KDM 1015 SAW-DRILL-LINE



- 1 Saw Band Drive (12,9 kW)/Saw Band Feed (KBS 1051 DG)
- 2 AFC – Auto Feed Control (KBS 1051 DG)



- 3 Tool change unit (KDM 1015)
- 4 High Speed Contour Marking (KDM 1015)

ADVANTAGES AT A GLANCE KBS 1051 DG:

- ▶ Vertical Saw in robust twin-column construction
- ▶ AFC (Auto Feed Control) variable saw band incline angle 3 – 10°
- ▶ Mechanical feed with ballscrew spindle and servomotor
- ▶ Self-adjusting profile clamping including cross-section measurement
- ▶ Machine operation via modern steel-construction software package

ADVANTAGES AT A GLANCE KDM 1015:

- ▶ Machine operation via modern steel-construction software package
- ▶ Efficient drilling, centre marking and counter-sinking (standard) – thread cutting (optional)
- ▶ Use of HSS, carbide and solid carbide drills
- ▶ Three drill axes with a total of 15 tools and automatic tool-changing system
- ▶ Combinable to a Saw-Drill-Line or a Coping-Robot
- ▶ High Speed Contour Marking (optional)
 - Application of reference boundaries for welding add-on pieces
 - DSTV-Data Import
 - Use of high-speed carbide tools
 - In addition to the three drill axis – marking from the bottom (4th axis)

HARD FACTS KBS 1051 DG:

- ▶ Sawband: 8.900 x 54 x 1,6 mm
- ▶ Drive performance: 12,9 kW
- ▶ Cutting speed: 15 – 150 m/min
- ▶ Feedrate: 0 – 600 m/min
- ▶ Rapid return movement: 6.000 m/min
- ▶ Machine weight: 5.800 kg
- ▶ Machine dimension (L x W x H): 4.370 x 1.435 x 2.650 mm
- ▶ Working range
 - Max. 1.030 x 500 mm
 - Min. 30 x 10 mm
- ▶ Mitre range: -40° / 90° / +30°
- ▶ Tools: Carbide/Bi-Metal

HARD FACTS KDM 1015:

- ▶ Feedrate: 0 – 1.500 mm/min
- ▶ Rapid return movement: 0 – 17.000 mm/min
- ▶ Machine weight: 6.500 kg
- ▶ Machine dimension (L x W x H): 5.400 x 1.700 x 3.800 mm
- ▶ Working range
 - Max. 1.000 x 500 mm (W x H)
 - Min. 50 x 5 mm (W x H)
- ▶ Drilling units: 3
- ▶ Drilling diameter: 6,8 – 40 mm
- ▶ Number of tools per axis: 5
- ▶ Drive performance per axis: 29,5 kW
- ▶ Spindle speed max.: 150 – 2.500 min-1
- ▶ Tools: Carbide/Solid Carbide/HSS

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

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