



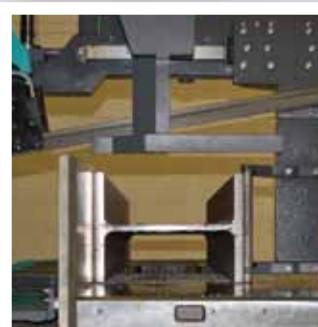
Saw Band Drive / Saw Band Feed

- Strong drive power for increased cutting speed
- Saw band feed via ballscrew spindle and servo motor with absolute pressure encoder infinitely adjustable on the control console
- Long saw band life even with the most varied material dimensions



NC-Controlled Cutting-Angle Setting

- Adjustment on free-standing control console
- Measurement takes place through absolute rotary encoder and frequency-controlled motor
- Automatic, hydraulic clamping of the machine after reaching the miter setting
- Reduced non-productive times when changing mitres



Horizontal and Vertical Profile Clamping

- Hydraulic profile clamping within the automatic cycle control (clamping, sawing, unclamping)
- Clamping of the workpiece immediately adjacent to the saw band for precise cuts, even with the shortest cutting lengths
- Clamping and sawing of layers and

Technical Data		KBS 1301 DG	KBS 1551 DG	KBS 2101
Sawband	mm	9.800x67x1,6	10.300x67x1,6	11.980x80x1,6
Sawband inclination	Degrees	4	4	2,5
Drive performance	kW	9,2	9,2	11,0
Cutting speed	m/min	15-100	15-100	15-100
Machine dimension (L X W X H)	mm	5.010x1.650x3.105	5.260x1.650x3.105	6.240x1.680x3.580
Feedrate	mm/min	0-300	0-300	0-300
Rapid advance/ return movement	mm/min	2.500	2.500	2.500
Machine Weight	kg	7.000	7.800	10.500
Working range	mm	1.300 x 700	1.550 x 700	2.050x800
Working range min.	mm	50x15	50x15	80x15
Mitre range		-40/90/+30	-40/90/+30	-40/90/+30
Tools		Bi-Metal	Bi-Metal	Bi-Metal