

KBS 1051 DG



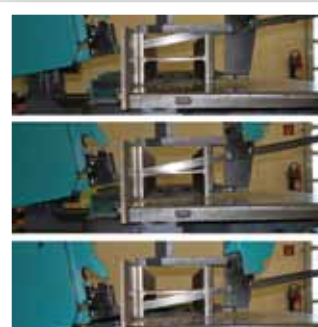
Saw Band Drive (12.9 kW) / Saw Band Feed

- 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
- Alternative use of Carbide and HSS tools



NC-Controlled Cutting-Angle Setting

- Adjustment on free-standing control console
- Angle setting via servo motor with planetary gears and absolute rotary encoder
- Automatic, hydraulic clamping of the machine after reaching the mitre setting
- Reduced non-productive times when changing mitres



AFC – Auto Feed Control (Optional)

- Automatic adjustment of the saw band angle to suit the profile cross-sections in order to minimise the tool contact length
- Additional positioning axis for the saw frame in connection with special guides on the machine frame
- Higher feed rates and considerably shorter cutting times

Technical Data		KBS 1051 DG
Sawband	mm	8.900 x 54 x 1,6
Sawband inclination	Degrees	3-10
Drive performance	kW	12,9
Cutting speed	m/min	15-150
Machine dimension (L X W X H)	mm	4.370 x 1.435 x 2.650
Feedrate	mm/min	0 - 600
Rapid advance/ return movement	mm/min	6.000
Machine Weight	kg	5.800
Working range	mm	1.030 x 500
working range Profile	mm	1.030 x 500
Working range min.	mm	30x10
Mitre range		-40/90/+30
Tools		Carbide/Bi-Metal