

Which mitre saw for which application?

Comparative technical values	KGS 18 LTX BL 216	KGS 18 LTX BL 254	KGS 18 LTX BL 305	KS 216 M	KGS 216 M	KGS 254 M	KGS 305 M	KGSV 216 M	KS 305 M	KGSV 72 Xact	KGSV 72 Xact SYM	KGS 315 Plus
Maximum cross section of the workpieces at 90°/90°	70 mm 305 mm	92 mm 305 mm	110 mm 305 mm	60 mm 120 mm	70 mm 305 mm	92 mm 305 mm	110 mm 305 mm	65 mm 305 mm	80/102 mm ¹⁾ 200/150 mm ¹⁾	72 mm 305 mm	72 mm 305 mm	120 mm 320 mm
Maximum cross section of the workpieces at 45°/45°	40 mm 215 mm	47 mm 215 mm	67 mm 215 mm	45 mm 80 mm	40 mm 215 mm	47 mm 215 mm	67 mm 215 mm	36 mm 205 mm	45 mm 130 mm	42 mm 215 mm	42 mm 215 mm	76 mm 223 mm
Support surface L x W	730 x 345 mm	760 x 345 mm	770 x 345 mm	725 x 155 mm	730 x 345 mm	760 x 345 mm	770 x 345 mm	730 x 345 mm	775 x 340 mm	830 x 365 mm	830 x 365 mm	1.070 x 365 mm
Saw blade/number of teeth*	Ø 216 mm / 40	Ø 254 mm / 48	Ø 305 mm / 56	Ø 216 mm / 40	Ø 216 mm / 40	Ø 254 mm / 48	Ø 305 mm / 56	Ø 216 mm / 60	Ø 305 mm / 56	Ø 216 mm / 48	Ø 216 mm / 60	Ø 315 mm / 84
Adjustment parameters:												
■ Turntable left/right (maximum)	50°/50°	50°/50°	50°/60°	47°/47°	50°/50°	50°/50°	50°/60°	47°/47°	52°/52°	50°/50°	50°/50°	47°/60°
■ Bevel left/right (maximum)	47°/2°	47°/2°	47°/47°	47°/2°	47°/2°	47°/2°	47°/47°	47°/2°	47°/2°	47°/47°	47°/47°	46°/46°
Rated input power (S6 20%)	18 V	18 V	18 V	1.350 W	1.500 W	1.800 W	2.000 W	1.700 W	2.000 W	1.800 W	1.800 W	2.200 W
Weight	12,8 kg	14,8 kg	17,4 kg	8,7 kg	13,4 kg	16,1 kg	18,6 kg	13,5 kg	17 kg	16,1 kg	18,3 kg	27,2 kg
* number of teeth of the standard saw blade												
¹⁾ with additional stop (d x w) 102 x 150 mm												
Application												
Cutting work onsite	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■
Preparation work in the workshop	■■	■■	■■	■	■■	■■	■■■	■■	■■■	■■■	■■■	■■■
Clean sawing in enclosed areas	■■	■■	■■	■■	■■	■■	■■	■■	■■	■■■	■■■	■■■
Cutting of aluminium profiles								■■	■■	■■*	■■	■■**
Trench cuts	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■
Sawing skirtings	■	■	■	■■	■	■	■	■	■■	■	■■■	■
** with saw blade "multi cut" or "aluminium cut" (accessory)												
Equipment												
Saw blade inclination	left	left	left/right	left	left	left	left/right	left	left	left/right	left/right	left/right
Dust extraction properties	Effective	Effective	Effective	Effective	Effective	Optimum (2 point)						
Sliding function and cutting depth limiter (e.g. for rebating)	●	●	●		●	●	●	●	●	●	●	●
Cutting line indicator	Precision Cut Line 	Line lasers 	Line lasers 	Double line laser 	Double line laser 	Line lasers 						
Work light	Via PCL	●	●	●	●	●						
"Quick" saw blade change - no tools required								●	●	●	●	●
Soft start	●	●	●		●	●	●	●	●	●	●	●
Variable speed								●	●	●	●	●
Braking function	●	●	●					●	●	●	●	●

Anwendung: ■ geeignet ■■ gut geeignet ■■■ optimal Ausstattung: ● vorhanden