

# ESKO Kongsberg Application Sheet

HYLITE by 3A Composites



Material Name	HYLITE by 3A Composites
Material Thickness	1,2 mm
Special info	Top protection liner removed during testing. The settings in this list are ESKO's recommendation settings for this material. Settings could vary depending on the geometry of the cut file.
Alternative materials	HYLITE by 3A Composites
Machine model	C / X / X Starter
Toolhead	1 kW Router / 3kW Router

Processing type	MACHINE	TOOL	BLADE / BIT	BIT Ø	SPEED	ACCEL	PASS	RPM
Cutting standard	<b>Kongsberg C</b> Same for XP, XP Auto	3 kW Router	BIT-MUS06-2006-50C1	2 mm	10 m/min	20%	1	50000
			BIT-MUS06-3006-50C1	3 mm	15 m/min	30%	1	50000
			BIT-MUS06-4006-50C1	4 mm	20 m/min	35%	1	52000
	<b>Kongsberg X</b> Same for XL, XN	3 kW Router	BIT-MUS06-2006-50C1	2 mm	15 m/min	20%	1	50000
			BIT-MUS06-3006-50C1	3 mm	20 m/min	20%	1	50000
			BIT-MUS06-4006-50C1	4 mm	30 m/min	30%	1	52000
	<b>Kongsberg X Starter</b> Same for Kongsberg VL and V table	1 kW Router	BIT-MUS06-2006-50C1	2 mm	10 m/min	30%	1	40000
			BIT-MUS06-3006-50C1	3 mm	15 m/min	30%	1	40000
			BIT-MUS06-4006-50C1	4 mm	20 m/min	30%	1	40000
Folding	<b>Kongsberg C</b> Same for XP, XP Auto	3kW Router	BIT-EBV06-94	Tip 1 mm	8 m/min	10%	1	40000
				Tip 1mm	8 m/min	15%	1	40000
	<b>Kongsberg X Starter</b> Same for Kongsberg VL and V table	1 kW Router	BIT-EBV06-94	Tip 1mm	10 m/min	20%	1	40000
Engraving	<b>Kongsberg C</b> Same for XP, XP Auto	3kW Router	BIT-EBV06-40	Tip 0,5 mm	1m/min	4%	1	30000
				Tip 0,5 mm	1m/min	6%	1	30000
	<b>Kongsberg X Starter</b> Same for Kongsberg VL and V table	1kW Router	BIT-EBV06-40	Tip 0,5 mm	2m/min	8%	1	30000