LCA overview
Product: COSI BENCH with backrest

Scope: A1, A2, A3. GWP = Global Warming Potential
ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards.
The results follow EN 15804+A2.
Bænk = bench, A = armrest, F = mounted, N = embedded, uma = untreated mahogany, galv = galvanized steel, cort = corten steel, RAL = powdercoating

Product name	Description	Length	Armrest	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Bænk 20, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m		x			Bolt-mounted	126,2	148	18,9
COSI Bænk 20,2AF, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	x	x			Bolt-mounted	131,1	158	28,2
COSI Bænk 20, F, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m		x		x	Bolt-mounted	126,2	169	39,2
COSI Bænk 20,2AF, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	x	x		x	Bolt-mounted	133,2	179	49,6
COSI Bænk 20, F, uma, cort	Corten steel, untreated mahogany	2 m			x		Bolt-mounted	123	137	7,32
COSI Bænk 20,2AF, uma, cort	Corten steel, untreated mahogany	2 m	x		x		Bolt-mounted	127,6	145	15,2

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Product name	Description	Length	Armrest	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Bænk 20, N, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m		x			Embedded	148,6	190	60,5
COSI Bænk 20,2AN, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	x	x			Embedded	153,8	199	70
COSI Bænk 20, N, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m		x		x	Embedded	151,5	216	86,5
COSI Bænk 20,2AN, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	x	x		x	Embedded	156,6	227	96,9
COSI Bænk 20, N, uma, cort	Corten steel, untreated mahogany	2 m			x		Embedded	144	173	43,5
COSI Bænk 20,2AN, uma, cort	Corten steel, untreated mahogany	2 m	x		x		Embedded	148,6	181	51,4

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Product name	Description	Length	Armrest	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Bænk 30, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	3 m		x			Bolt-mounted	157,2	167	-14,4
COSI Bænk 30, F, uma, RAL	Hot-dip galvanized steel, untreated mahogany	3 m		x		x	Bolt-mounted	159,3	188	5,81
COSI Bænk 30, F, uma, cort	Hot-dip galvanized, powder coated steel, untreated mahogany	3 m			x		Bolt-mounted	154,2	156	-26
COSI Bænk 30, N, uma, galv	Hot-dip galvanized, powder coated steel, untreated mahogany	3 m		x			Embedded	179,8	209	27,1
COSI Bænk 30, N, uma, RAL	Corten steel, untreated mahogany	3 m		x		x	Embedded	182,6	230	47,8
COSI Bænk 30, N, uma, cort	Corten steel, untreated mahogany	3 m			x		Embedded	175,2	192	10,1

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Product name	Description	Length	Width	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Plint 30, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	3 m	0,6 m	x			Bolt-mounted	137,4	148	-11,1
COSI Plint 30, F, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	3 m	0,6 m	x		x	Bolt-mounted	139,3	167	7,72
COSI Plint 30, F, uma, cort	Corten steel, untreated mahogany	3 m	0,6 m		x		Bolt-mounted	134,8	138	-21,3
COSI Plint 30, N, uma, galv	Hot-dip galvanized steel, untreated mahogany	3 m	0,6 m	x			Embedded	160,1	190	30,5
COSI Plint 30, N, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	3 m	0,6 m	x		x	Embedded	162,8	215	55,1
COSI Plint 30, N, uma, cort	Corten steel, untreated mahogany	3 m	0,6 m		x		Embedded	155,8	174	14,9

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Product name	Description	Length	Width	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Plint 20, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,6 m	x			Bolt-mounted	106,2	131	23,5
COSI Plint 20, F, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,6 m	x		x	Bolt-mounted	107,9	150	42,3
COSI Plint 20, F, uma, cort	Corten steel, untreated mahogany	2 m	0,6 m		x		Bolt-mounted	103,4	120	13,3
COSI Plint 20, N, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,6 m	x			Embedded	128,7	172	65,1
COSI Plint 20, N, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,6 m	x		x	Embedded	131,3	197	89,6
COSI Plint 20, N, uma, cort	Corten steel, untreated mahogany	2 m	0,6 m		x		Embedded	124,4	156	33,9

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Product name	Description	Length	Width	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Plint S12, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	1,2 m	0,4	x			Bolt-mounted	52,2	76,6	32,7
COSI Plint S12, F, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	1,2 m	0,4	x		x	Bolt-mounted	53,2	93	42,8
COSI Plint S12, F, uma, cort	Corten steel, untreated mahogany	1,2 m	0,4		x		Bolt-mounted	50,4	70,2	26,3
COSI Plint S12, N, uma, galv	Hot-dip galvanized steel, untreated mahogany	1,2 m	0,4	x			Embedded	68	106	62
COSI Plint S12, N, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	1,2 m	0,4	x		x	Embedded	69,7	127	82,9
COSI Plint S12, N, uma, cort	Corten steel, untreated mahogany	1,2 m	0,4		x		Embedded	65,2	95,6	51,8

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Product name	Description	Length	Width	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Plint S20, F, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,4	x			Bolt-mounted	68,9	86,1	13,4
COSI Plint S20, F, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,4	x		x	Bolt-mounted	70	103	19,4
COSI Plint S20, F, uma, cort	Corten steel, untreated mahogany	2 m	0,4		x		Bolt-mounted	67,1	79,7	7,02
COSI Plint S20, N, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,4	x			Embedded	84,7	115	42,7
COSI Plint S20, N, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,4	x		x	Embedded	86,4	136	63,6
COSI Plint S20, N, uma, cort	Corten steel, untreated mahogany	2 m	0,4		x		Embedded	81,9	105	32,5

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Product name	Description	Length	Width	Galv.	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Plint 20, V, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,4	x			Wall-mounted	53,8	59,6	-13,2
COSI Plint 20, V, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,4	x		x	Wall-mounted	54,2	70,4	-2,42
COSI Plint 20, V, uma, cort	Corten steel, untreated mahogany	2 m	0,4		x		Wall-mounted	53,1	56,2	-16,6
COSI Plint 20, bekl, uma, galv	Hot-dip galvanized steel, untreated mahogany	2 m	0,4	x			Cladding	74,4	69,4	-37,7
COSI Plint 20, bekl, uma, RAL	Hot-dip galvanized, powder coated steel, untreated mahogany	2 m	0,4	x		x	Cladding	74,9	80,2	-27
COSI Plint 20, bekl, uma, cort	Corten steel, untreated mahogany	2 m	0,4		x		Cladding	73,7	66,8	-40,3

LCA overview
Product: COSI TABLE

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Bord = table, F = mounted, N = embedded, rf = stainless steel, galv = galvanized steel, cort = corten steel, RAL = powdercoating

Product name	Description	Length	Galv.	Stainless steel tabletop	Cort.	RAL	Mounting	Mass of declared unit (kg)	GWP-fossil, A1-A3 (kg CO_2e)	GWP-total, A1-A3 (kg CO_2e)
COSI Bord 20, F, rf, galv	Hot-dip galvanized steel, glass-bead blasted stainless steel	2m	x	x			Bolt-mounted	155,1	212	209
COSI Bord 20, F, rf, RAL	Powder-coated hot-dip galvanized steel, powder-coated glass-bead blasted stainless steel	2m	x	x		x	Bolt-mounted	159,9	260	256
COSI Bord 20, F, cort	Corten steel	2m			x		Bolt-mounted	145,1	261	258
COSI Bord 20, N, rf, galv	Hot-dip galvanized steel, glass-bead blasted stainless steel	2m	x	x			Embedded	185,9	267	264
COSI Bord 20, N, rf, RAL	Powder-coated hot-dip galvanized steel, powder-coated glass-bead blasted stainless steel	2m	x	x		x	Embedded	193,3	323	319
COSI Bord 20, N, cort	Corten steel	2m			x		Embedded	175,1	312	309