

05 21 Steel Joist Framing

05 21 13 – Deep Longspan Steel Joist Framing

05 21 13.50 Deep Longspan Joists		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P	
							Labor	Equipment			
4010	SLH series, 40-ton job lots, bolted cross bridging, shop primer										
4040	Spans to 200' (shipped in 3 pieces)	G	E-7	13	6.154	Ton	2,475	380	213	3,068	3,550
4200	80SLH15, 40 lb./L.F.	G		1500	.053	L.F.	49.50	3.29	1.85	54.64	61.50
4220	80SLH20, 75 lb./L.F.	G		1500	.053		92.50	3.29	1.85	97.64	109
4240	88SLH16, 46 lb./L.F.	G		1500	.053		57	3.29	1.85	62.14	69.50
4260	88SLH21, 89 lb./L.F.	G		1500	.053		110	3.29	1.85	115.14	128
4280	96SLH17, 52 lb./L.F.	G		1500	.053		64	3.29	1.85	69.14	77.50
4300	96SLH22, 102 lb./L.F.	G		1500	.053		126	3.29	1.85	131.14	146
4320	104SLH18, 59 lb./L.F.	G	E-7	1800	.044	L.F.	73	2.74	1.54	77.28	86
4340	104SLH23, 109 lb./L.F.	G		1800	.044		135	2.74	1.54	139.28	154
4360	112SLH19, 67 lb./L.F.	G		1800	.044		82.50	2.74	1.54	86.78	97
4380	112SLH24, 131 lb./L.F.	G		1800	.044		162	2.74	1.54	166.28	184
4400	120SLH20, 77 lb./L.F.	G		1800	.044		95	2.74	1.54	99.28	111
4420	120SLH25, 152 lb./L.F.	G		1800	.044		188	2.74	1.54	192.28	212
6100	For less than 40-ton job lots										
6102	For 30 to 39 tons, add					%	10%				
6104	20 to 29 tons, add						20%				
6106	10 to 19 tons, add						30%				
6107	5 to 9 tons, add						50%	25%			
6108	1 to 4 tons, add						75%	50%			
6109	Less than 1 ton, add						100%	100%			

05 21 16 – Longspan Steel Joist Framing

05 21 16.50 Longspan Joists

0010	LONGSPAN JOISTS										
2000	LH series, 40-ton job lots, bolted cross bridging, shop primer										
2015	Made from recycled materials										
2040	Longspan joists, LH series, up to 96'	G	E-7	13	6.154	Ton	2,100	380	213	2,693	3,125
2200	18LH04, 12 lb./L.F.	G		1400	.057	L.F.	12.55	3.52	1.98	18.05	21.50
2220	18LH08, 19 lb./L.F.	G		1400	.057		19.90	3.52	1.98	25.40	29.50
2240	20LH04, 12 lb./L.F.	G		1400	.057		12.55	3.52	1.98	18.05	21.50
2260	20LH08, 19 lb./L.F.	G		1400	.057		19.90	3.52	1.98	25.40	29.50
2280	24LH05, 13 lb./L.F.	G		1400	.057		13.60	3.52	1.98	19.10	22.50
2300	24LH10, 23 lb./L.F.	G		1400	.057		24	3.52	1.98	29.50	34
2320	28LH06, 16 lb./L.F.	G		1800	.044		16.75	2.74	1.54	21.03	24.50
2340	28LH11, 25 lb./L.F.	G		1800	.044		26	2.74	1.54	30.28	35
2360	32LH08, 17 lb./L.F.	G		1800	.044		17.80	2.74	1.54	22.08	25.50
2380	32LH13, 30 lb./L.F.	G		1800	.044		31.50	2.74	1.54	35.78	40.50
2400	36LH09, 21 lb./L.F.	G		1800	.044		22	2.74	1.54	26.28	30
2420	36LH14, 36 lb./L.F.	G		1800	.044		37.50	2.74	1.54	41.78	47.50
2440	40LH10, 21 lb./L.F.	G		2200	.036		22	2.24	1.26	25.50	29
2460	40LH15, 36 lb./L.F.	G		2200	.036		37.50	2.24	1.26	41	46.50
2480	44LH11, 22 lb./L.F.	G		2200	.036		23	2.24	1.26	26.50	30.50
2500	44LH16, 42 lb./L.F.	G		2200	.036		44	2.24	1.26	47.50	53.50
2520	48LH11, 22 lb./L.F.	G		2200	.036		23	2.24	1.26	26.50	30.50
2540	48LH16, 42 lb./L.F.	G	▼	2200	.036	▼	44	2.24	1.26	47.50	53.50
2600	For less than 40-ton job lots										
2602	For 30 to 39 tons, add					%	10%				
2604	20 to 29 tons, add						20%				
2606	10 to 19 tons, add						30%				
2607	5 to 9 tons, add						50%	25%			
2608	1 to 4 tons, add						75%	50%			
2609	Less than 1 ton, add					▼	100%	100%			