

05 12 Structural Steel Framing

05 12 23 – Structural Steel for Buildings

05 12 23.75 Structural Steel Members			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
5100	x 62	G	E-5	1110	.072	L.F.	112	4.44	2.37	118.81	132
5300	x 68	G		1110	.072		122	4.44	2.37	128.81	144
5500	x 76	G		1110	.072		137	4.44	2.37	143.81	160
5700	x 84	G		1080	.074		151	4.57	2.43	158	176
5720	x 94	G		1080	.074		169	4.57	2.43	176	196
5740	x 104	G		1050	.076		187	4.70	2.50	194.20	216
5760	x 117	G		1050	.076		211	4.70	2.50	218.20	242
5780	x 146	G		1050	.076		263	4.70	2.50	270.20	299
5800	W 27 x 84	G	E-5	1190	.067	L.F.	151	4.14	2.21	157.35	175
5900	x 94	G		1190	.067		169	4.14	2.21	175.35	195
5920	x 114	G		1150	.070		205	4.29	2.28	211.57	235
5940	x 146	G		1150	.070		263	4.29	2.28	269.57	298
5960	x 161	G		1150	.070		290	4.29	2.28	296.57	330
6100	W 30 x 99	G		1200	.067		178	4.11	2.19	184.30	205
6300	x 108	G		1200	.067		194	4.11	2.19	200.30	223
6500	x 116	G		1160	.069		209	4.25	2.26	215.51	239
6520	x 132	G		1160	.069		238	4.25	2.26	244.51	270
6540	x 148	G		1160	.069		267	4.25	2.26	273.51	300
6560	x 173	G		1120	.071		310	4.40	2.35	316.75	355
6580	x 191	G		1120	.071		345	4.40	2.35	351.75	390
6700	W 33 x 118	G		1176	.068		212	4.19	2.23	218.42	243
6900	x 130	G		1134	.071		234	4.35	2.32	240.67	266
7100	x 141	G		1134	.071		254	4.35	2.32	260.67	288
7120	x 169	G		1100	.073		305	4.48	2.39	311.87	345
7140	x 201	G		1100	.073		360	4.48	2.39	366.87	410
7300	W 36 x 135	G		1170	.068		243	4.21	2.25	249.46	276
7500	x 150	G		1170	.068		270	4.21	2.25	276.46	305
7600	x 170	G		1150	.070		305	4.29	2.28	311.57	345
7700	x 194	G		1125	.071		350	4.38	2.34	356.72	395
7900	x 231	G		1125	.071		415	4.38	2.34	421.72	470
7920	x 262	G		1035	.077		470	4.76	2.54	477.30	530
8100	x 302	G		1035	.077		545	4.76	2.54	552.30	610
8490	For projects 75 to 99 tons, add						10%				
8492	50 to 74 tons, add						20%				
8494	25 to 49 tons, add						30%	10%			
8496	10 to 24 tons, add						50%	25%			
8498	2 to 9 tons, add						75%	50%			
8499	Less than 2 tons, add						100%	100%			

05 12 23.77 Structural Steel Projects

0010	STRUCTURAL STEEL PROJECTS		R050516-30									
0015	Made from recycled materials											
0020	Shop fab'd for 100-ton, 1-2 story project, bolted connections											
0200	Apartments, nursing homes, etc., 1 to 2 stories	R050523-10	G	E-5	10.30	7.767	Ton	3,275	480	255	4,010	4,625
0300	3 to 6 stories		G	"	10.10	7.921		3,350	490	260	4,100	4,700
0400	7 to 15 stories	R051223-10	G	E-6	14.20	9.014		3,400	555	207	4,162	4,825
0500	Over 15 stories		G	"	13.90	9.209		3,525	565	211	4,301	5,000
0700	Offices, hospitals, etc., steel bearing, 1 to 2 stories	R051223-20	G	E-5	10.30	7.767		3,275	480	255	4,010	4,625
0800	3 to 6 stories		G	E-6	14.40	8.889	↓	3,350	545	204	4,099	4,725
0900	7 to 15 stories	R051223-25	G	E-6	14.20	9.014	Ton	3,400	555	207	4,162	4,825
1000	Over 15 stories		G	"	13.90	9.209		3,525	565	211	4,301	5,000
1100	For multi-story masonry wall bearing construction, add	R051223-30	G						30%			
1300	Industrial bldgs., 1 story, beams & girders, steel bearing		G	E-5	12.90	6.202		3,275	380	204	3,859	4,400