

Omni Series 16 - Heavy Duty Truss



Component Weights

Part No	Description	WT (lbs)
O16HD10	10ft section	104
O16HD8	8ft section	86
O16HD5	5ft section	69
O16HD3M	3m section	104
O16HD2M	2m section	76
O16HD1M	1m section	49

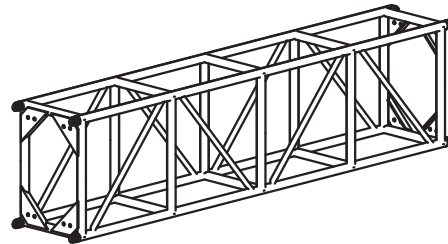
Load Data

span (ft)	Uniform Loads			Center Pt. Load		Third Pt. Load		Quarter Pt. Load	
	load (plf)	load (lbs)	defl (in)	load (lbs)	defl (in)	load (lbs)	defl (in)	load (lbs)	defl (in)
5	1938	9688	0.003	6469	0.003	3234	0.003	3229	0.004
10	964	9641	0.026	6422	0.028	3211	0.024	3214	0.033
15	640	9594	0.087	6375	0.093	3188	0.079	3198	0.110
20	477	9547	0.207	6328	0.220	3164	0.188	3182	0.261
25	380	9501	0.405	5546	0.379	3141	0.366	2773	0.448
30	305	9158	0.678	4579	0.547	3117	0.631	2289	0.645
35	222	7763	0.923	3881	0.746	2911	0.943	1941	0.879
40	168	6705	1.206	3352	0.977	2514	1.231	1676	1.149
45	130	5871	1.526	2936	1.241	2202	1.558	1468	1.455
50	104	5195	1.884	2598	1.538	1948	1.922	1299	1.798
55	84	4634	2.280	2317	1.869	1738	2.325	1158	2.177
60	69	4158	2.713	2079	2.235	1559	2.766	1040	2.593
65	48	3131	2.732	1565	2.275	1174	2.783	783	2.618
70	33	2339	2.732	1169	2.305	877	2.78	585	2.626
75	23	1732	2.732	866	2.343	650	2.776	433	2.635
80	16	1257	2.732	629	2.390	471	2.771	314	2.647

Truss Features

Description	Specification
■ External Dimensions	■ 20-1/2" w. x 30"h.
■ Connection Centers	■ 18-1/2"w. x 28"h.
■ Material Type	■ 6061-T6 Aluminum
■ Connector Type	■ OMNI Connectors
■ Maximum Certified Span	■ 80ft
■ Notes	■ Also available in 30" x 30" wide format

3d view



Dimensions

