

# Omni Series 8 - Medium Duty Truss



## Component Weights

Part No	Description	WT (lbs)
O8MD10	10ft section	111
O8MD8	8ft section	90
O8MD5	5ft section	79
O8MD3M	3m section	111
O8MD2M	2m section	85
O8MD1M	1m section	62

## 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	1235	6174	0.007	5102	0.009	2551	0.008	2058	0.009
10	614	6140	0.055	5068	0.072	2534	0.062	2047	0.069
15	407	6106	0.185	4148	0.201	2517	0.208	2035	0.234
20	304	6072	0.439	3081	0.358	2311	0.455	1541	0.424
25	195	4869	0.696	2434	0.561	1826	0.711	1217	0.662
30	133	3995	1.002	1997	0.811	1498	1.023	999	0.955
35	96	3361	1.364	1681	1.109	1260	1.392	840	1.3
40	72	2877	1.782	1439	1.456	1079	1.818	719	1.7
45	55	2493	2.255	1247	1.853	935	2.300	623	2.155
50	44	2179	2.784	1090	2.302	817	2.837	545	2.663
55	35	1916	3.369	958	2.805	719	3.431	479	3.228
60	28	1691	4.009	846	3.363	634	4.081	423	3.847
65	19	1261	4.136	631	3.523	473	4.204	315	3.982
70	13	888	4.136	444	3.597	333	4.195	222	4.001
75	8	599	4.136	299	3.689	225	4.185	150	4.024
80	5	370	4.136	185	3.801	139	4.173	92	4.052

## Truss Features

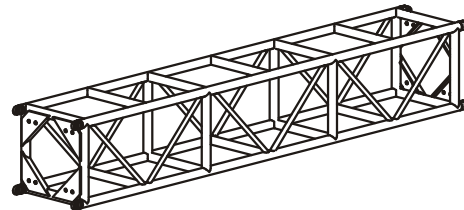
### Description

- External Dimensions
- Connection Centers
- Material Type
- Connector Type
- Maximum Certified Span

### Specification

- 20-1/2" w. x 20-1/2"h.
- 18-1/2"w. x 18-1/2"h.
- 6061-T6 Aluminum
- OMNI Connectors
- 80ft

## 3d view



## Dimensions

