



**GS12 12" x 12" Aluminum Box Truss**

GALAXY STAGE® GS12 series box truss is available in a wide variety of standard lengths from 2 ft to 10 ft. The GS12 series is made from 6061 aluminum by certified welders and engineered in the United States. GALAXY STAGE® bolt truss works seamlessly with other industry standard brands that use the same 6.75" bolt pattern joined together with 5/8" Grade-8 bolts.

- > 2" (50 mm) outer tube diameter
- > 1" (25 mm) diagonal bracing
- > 1/8" (3 mm) wall thickness
- > 6061-T6 alloy aluminum
- > Manufactured by TUV certified welders
- > Includes Grade-8 bolt set

**LOAD TABLE**

TRUSS SPAN	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD		QUARTER POINT LOAD		FIFTH POINT LOAD	
	LOAD	DEFLECTION	LOAD	DEFLECTION	LOAD	DEFLECTION	LOAD	DEFLECTION	LOAD	DEFLECTION
10'-0"	442 lbs	0.141 in	3.564 lbs	0.183 in	2.209 lbs	0.194 in	1.473 lbs	0.180 in	1.105 lbs	0.170 in
20'-0"	174 lbs	0.907 in	1.738 lbs	0.738 in	1.303 lbs	0.939 in	869 lbs	0.872 in	724 lbs	0.914 in
30'-0"	72 lbs	2.003 in	1.109 lbs	1.693 in	774 lbs	1.990 in	554 lbs	1.981 in	445 lbs	2.000 in
40'-0"	26 lbs	2.671 in	650 lbs	2.666 in	377 lbs	2.656 in	273 lbs	2.667 in	217 lbs	2.667 in

Information extracted from the structural report by Clark Reder Engineering, Inc.

Item No.	Product Description	Weight
GS-1202	2' Long, 12" Box Truss with Bolts	23 lbs
GS-1203	3' Long, 12" Box Truss with Bolts	28 lbs
GS-1204	4' Long, 12" Box Truss with Bolts	34 lbs
GS-1205	5' Long, 12" Box Truss with Bolts	42 lbs
GS-1206	6' Long, 12" Box Truss with Bolts	47 lbs
GS-1208	8' Long, 12" Box Truss with Bolts	61 lbs
GS-1210	10' Long, 12" Box Truss with Bolts	67 lbs

