

S812 - MIL & T2-100UG



CURBSIDE

Extreme heavy duty structural US made steel supported by 8,000lb to 10,000lb dual torsion axles, all hot dipped galvanized. combined with all US made aluminum 12'x8'x8' shelter containing 1/8" and 1/4" tubular 6061-T6 studs for max floor, wall, and ceiling strength, and .090" aluminum walls for low maintenance. Assembled w/TIG welds and 3M Panel Bonding; R-18 insulation w/radiant barrier and foam board; custom paint in various colors; custom electrical with numerous options. Tower is available in sizes ranging from 60' to 100' unguyed. Helo lifting capable and rapid deployment time.

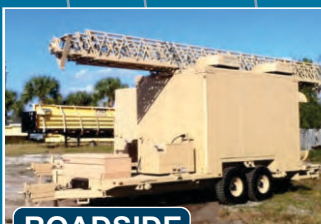
T2-100UG



FRONT



REAR



ROADSIDE

ACCESSORIES

Assembly Guy Kit - Anchor Kit - Dual Obstruction light - Antenna Stand-off - 12V DC Electric Winch - Electric Winch for tilting Tower 12V DC - 12V DC Battery Pack - All Aluminum Storage Box - Spare Tire - A/C and Heat (Roof or Wall Mounted) - 12V Work Lights - 120V 500 Watt Floodlight With 5' Telescoping Pole - 120V 500 Watt Removable Floodlight w/ Tripod Base & 50' Cord - All Aluminum Co-Ax Cable Reel - I/O Port Roxtec - Telephone Inlet - Dual Cat5 - 20 Amp Twist Lock - Cummins-Onan From 5Kw to 20Kw Diesel Quiet Run Gen. - Custom All Aluminum Fuel Tank (25 Gal. to 150 Gal.) - Electronic Equipment Rack - Complete Grounding System - Manual Transfer Switch - Automatic Transfer - Shore-Power Cord w/ twist Lock Connection.

MORE ACCESSORIES LIST INSIDE

OVERALL SPEC.		S812-MIL
MODEL NUMBER		TM-61-MIL-HS4 S812/T2-100 UG
SHELTER ON TRAILER HEIGHT		129 7/8"
OVERALL TRAILER TOWER HEIGHT		13' 5"(161")
OVERALL LENGTH W/TOWER MOUNTED		34' 7" (415")

TOWER SPEC.		T2-100UG
TOWER CONSTRUCTION		1-4 30' SECTIONS
TOWER SECTIONS		C2,D2,E2,F2
WIDTH OF UNIT		33 1/2"
WINCH		THERN
TOWER MAXIMUM HEIGHT		103'
PAY LOAD (UNGUYED)		300 LBS
WIND LOAD (UNGUYED)		18 SQ. FT.
MAXIMUM WIND (UNGUYED)		70 MPH

TRAILER SPEC.		TM61-MIL
TRAILER WIDTH OVERALL		104"
TRAILER WIDTH, FRAME ONLY		96"
TRAILER DECK HEIGHT		32 1/2"
TRAILER LENGTH (W/O COUPLER)		326 1/2"
TRAILER GROSS VEHICLE WEIGHT (GVWR)		19,990 LBS
TRAILER GROSS AXLE WEIGHT (GAWR)		10,000 LBS
TRAILER APPROXIMATE WEIGHT SHIPPED		13,500 LBS
NUMBER OF AXLES		2 (TANDEM)
AXLE CAPACITY RATING (EACH)		10,000 LBS
TIRE SIZE (ALL RADIAL TIRES)		37/12.50R/16.5
TIRE CAPACITY AND LOAD RATE (EACH)		5,000 LBS.

SHELTER SPEC.		S812-MIL
ALUMINUM SHELTER SIZE		144" L 96" W 94" H
ALUMINUM SHELTER WEIGHT		2,750 LBS (UNPOPULATED)

SCORPION S510



Unique rugged trailer tower unit with shelter design for rough terrains and C-130 certified. All aluminum shelter 10'x5'x5'11", unguyed aluminum tower available from 60' to 100'. Lightweight unit; 15 minute rapid deployment capability with two people and low maintenance. Numerous electrical options and accessories available. Helo lifting capable.

SCORPION

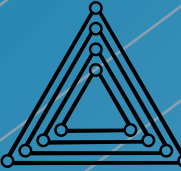


Lightweight trailer tower unit with outdoor radio cabinet; up to 50 RU. C-130 certified, unguyed aluminum tower available from 60'-100'. Rapid and easy 15 minute deployment; low maintenance; capable of being towed by Humvee and tough enough for rugged terrains. Numerous electrical options and accessories available. Helo lifting capable.

TOWERS

Aluma Tower has designed several unguyed, heavy-duty (UGH series) towers, ranging in heights from 35 ft. to 106 ft, here are just few of them.

UNGUYED TOWERS	T-60UGH	T-85UGH	T-100UGH	T2-60UG	T2-85UG
APPROXIMATE EXTENDED HEIGHT INCLUDING MAST	55 FT	85 FT	106 FT	52' 6" FT	82' 6" FT
NESTED HEIGHT W/O MAST	20 FT	30 FT	30 FT	30' 6" FT	30' 6" FT
NUMBER / LENGTH OF SECTION	3-30 FT	3-30 FT	4-30 FT	3-25 FT	3-30 FT
TOWER SECTION	C,D,E	C,D,E	C,D,E,F	D2,E2,F2	D2,E2,F2
RAISING SYSTEM	ELECTRICAL WINCH	ELECTRICAL WINCH	ELECTRICAL WINCH	ELECTRICAL WINCH	ELECTRICAL WINCH
TYPE OF BASE	T	T	T	T	T
TRAILER BARE WEIGHT	455 LBS	600 LBS	750 LBS	800 LBS	950 LBS

 **ALUMA**
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ALUMA
TOWER COMPANY, INC.

ENCLOSE CARGO TRAILER

Offered in two configurations; with and without a front generator deck. These units have a LINE-X protective coating on chassis and door areas; heavy duty steel frame with barn doors at the rear and a side entry door for easy access. Aluminum wheels and aluminum ladder rack plus all aluminum track/carriage/tower system and a 2 5/16" ball coupler are standard equipment for this model. Cabinets, work surfaces, and numerous electrical options are also available.



ECT-16



ECT-20



ECT-20D4



ECT-24

ECT SPEC TABLE

ECT SPEC TABLE	ECT-16	ECT-20	ECT-20D4	ECT-24
TOWERS AVAILABLE WITH UNIT	35', 40', 50', 60'	35', 40', 50', 60', 75', 100'	35', 40', 50', 60'	35', 40', 50', 60', 75', 100'
ENCLOSURE SIZE	204" L 96" W 78" H	252" L 96" W 75" H	204" L 96" W 78" H	240" L 96" W 75" H
TRAILER WIDTH OVERALL	102"	102"	102"	102"
ENCLOSURE INTERIOR HEIGHT	78"	75"	78"	75"
TRAILER LENGTH OVERALL (W/O COUPLER)	21' (252")	24' (288")	24' (288")	28' (336")
TRAILER GROSS VEHICLE WEIGHT (GVWR)	6,990 LBS	9,990 LBS	9,990 LBS	9,990 LBS
TRAILER GROSS AXLE WEIGHT (GAWR)	3,500 LBS	5,200 LBS	5,200 LBS	5,200 LBS
TRAILER APPROXIMATE SHIPPING WEIGHT (VARIES W/ DIFFERENT ACCESSORIES)	3,500 LBS	4,400 LBS	4,800 LBS	5,300 LBS
NUMBER OF AXLES	2 (TANDEM)	2 (TANDEM)	2 (TANDEM)	2 (TANDEM)
AXLE CAPACITY RATING (EACH)	3,500 LB	5,200 LB	5,200 LB	5,200 LB

ACCESSORIES

Assembly Guy Kit - Anchor Kit - Dual Obstruction light - Antenna Stand-off - 12V DC Electric Winch - Electric Winch for tilting Tower 12V DC - 12V DC Battery Pack - All Aluminum Storage Box - Spare Tire - A/C and Heat (Roof or Wall Mounted) - 12V Work Lights - 120V 500 Watt Floodlight With 5' Telescoping Pole - 120V 500 Watt Removable Floodlight w/ Tripod Base & 50' Cord - All Aluminum Co-Ax Cable Reel - I/O Port Roxtec - Telephone Inlet - Dual Cat5 - 20 Amp Twist Lock - Cummins-Onan From 5Kw to 20Kw Diesel Quiet Run Gen. - Custom All Aluminum Fuel Tank (25 Gal. to 150 Gal.) - Electronic Equipment Rack - Complete Grounding System - Manual Transfer Switch - Automatic Transfer - Shore-Power Cord w/ twist Lock Connection - Dri-Dek Flooring - All Aluminum Work Station - Cabinets - Bunk Bed - Roof Access Ladder - Electric Tongue Jack - Exterior GFI Receptacle - Solar Battery Charge - Aluminum Underbody Dual Battery Box w/ Slide out Tray - Cable Ring - 22' Little Giant Ladder - Interior Co-Ax Cable Tray.

TRAILER TOWERS W/ SHELTER

Chassis: Heavy Duty structural steel chassis with sub-frame and dual torsion axles, all hot dipped galvanized; 4-wheel electric brakes w/break-away kit; adjustable height hitch; all LED lighting; 9-13% tongue weight. **Shelter:** All aluminum; 1/8" and 1/4" thick tubular 6061-T6 aluminum studs throughout floor-walls-ceiling; .090" aluminum walls; assembled w/TIG welds and 3M Panel Bonding; R-18 insulation w/radiant barrier and foam board; custom paint in various colors; numerous electrical options (twist locks, shore power, transfer switch) available. **Tower:** Several to choose from



S6



S7



S8



S812

SHELTER SPEC TABLE

SHELTER SPEC TABLE	S6	S7	S8	S812
TOWERS AVAILABLE WITH TRAILER UNIT	T-50XHD T-50XXHD T-75XHD T-100H	T-50XHD T-50XXHD T-75XHD T-100H	T-50XHD T-50XXHD T-75XHD T-100H	T-50XHD T-50XXHD T-75XHD T-100H
ALUMINUM SHELTER SIZE	60" L 76" W 84" H	84" L 78" W 84" H	96" L 96" W 94" H	144" L 96" W 94" H
ALUMINUM SHELTER WEIGHT	650 LBS	900 LBS	1050 LBS	1350 LBS
TRAILER WIDTH OVERALL	100"	102"	100 1/2"	100 1/2"
TRAILER WIDTH, FRAME ONLY	76"	78"	96"	96"
TRAILER DECK HEIGHT	28 1/2"	28 1/2"	33 1/2"	33 1/2"
TRAILER LENGTH (W/O COUPLER)	21'4" (256")	24'5" (293)	23'7" (283)	27'7" (331")
TRAILER GROSS VEHICLE WEIGHT (GVWR)	9,990 LBS	9,990 LBS	11,990 LBS (13,990 AVAILABLE)	11,990 LBS (13,990 AVAILABLE)
TRAILER APPROXIMATE SHIPPING WEIGHT (VARIES W/ DIFFERENT ACCESSORIES)	5,400 LBS	5,800 LBS	8,500 LBS	9,500 LBS
TRAILER GROSS AXLE WEIGHT (GAWR)	5,200 LBS	5,200 LBS	6,000 LBS (7,000 AVAILABLE)	7,000 LBS (10,000 AVAILABLE)
NUMBER OF AXLES	2 (TANDEM)	2 (TANDEM)	2 (TANDEM)	2 (TANDEM)

ACCESSORIES

Assembly Guy Kit - Anchor Kit - Dual Obstruction light - Antenna Stand-off - 12V DC Electric Winch - Electric Winch for tilting Tower 12V DC - 12V DC Battery Pack - All Aluminum Storage Box - Spare Tire - A/C and Heat (Roof or Wall Mounted) - 12V Work Lights - 120V 500 Watt Floodlight With 5' Telescoping Pole - 120V 500 Watt Removable Floodlight w/ Tripod Base & 50' Cord - All Aluminum Co-Ax Cable Reel - I/O Port Roxtec - Telephone Inlet - Dual Cat5 - 20 Amp Twist Lock - Cummins-Onan From 5Kw to 20Kw Diesel Quiet Run Gen. - Custom All Aluminum Fuel Tank (25 Gal. to 150 Gal.) - Electronic Equipment Rack - Complete Grounding System - Manual Transfer Switch - Automatic Transfer - Shore-Power Cord w/ twist Lock Connection - Dri-Dek Flooring - All Aluminum Work Station - Cabinets - Bunk Bed - Roof Access Ladder - Electric Tongue Jack - Exterior GFI Receptacle - Solar Battery Charge - Aluminum Underbody Dual Battery Box w/ Slide out Tray - Cable Ring - 22' Little Giant Ladder - Interior Co-Ax Cable Tray.

OPEN TRAILER TOWERS

Hot dipped galvanized structural steel tubing chassis including single and dual torsion spring axles with independent suspension, to protect against corrosion, inside and out. "A-Frame with T-bar" tongue design to minimize torque on chassis frame, with 9-13% tongue weight, and DOT compliant LED lights, the wire connections are heat shrunk and soldered; 1/8" aluminum diamond plate decking; sliding outriggers with 8,000 lb. zinc plated leveling jacks on all models except TM12. All dual axle trailers come equipped with 4 wheel electric brakes. TM12 is the only chassis with painted leaf spring axle and comes equipped with 2,000 lb. painted leveling jacks. Tower is equipped with ID light bar (LED) plus LED flashing emergency lights on rear.



TM-12



TM51-20LT



TM51-35



TM52-60

TRAILER SPEC TABLE

TRAILER SPEC TABLE	TM-12	TM51-20LT	TM51-35	TM52-60
TOWERS AVAILABLE WITH UNIT	T-DD-135 T-DD-35H T-DD-150 T-DD-50H	T-50XHD T-50XXHD T-75XHD T-100H	T-50XHD T-50XXHD T-75XHD T-100H	T-50XHD T-50XXHD T-75XHD T-100H
TRAILER WIDTH OVERALL	69 1/2"	89 1/2"	89 1/2"	94 1/4"
TRAILER WIDTH, FRAME ONLY	48"	66"	66"	70"
TRAILER DECK HEIGHT	20"	23"	21"	22 1/2"
TRAILER LENGTH OVERALL (W/O COUPLER)	15'11" (191")	21'10" (263")	21'10" (263")	25' (301 1/2")
TRAILER GROSS VEHICLE WEIGHT (GVWR)	1,990 LBS	2,990 LBS	6,990 LBS	9,990 LBS
TRAILER BARE WEIGHT	990 LBS	1,700 LBS	1,800 LBS	2,300 LBS
TRAILER GROSS AXLE WEIGHT (GAWR)	2,000 LBS	3,500 LBS	3,500 LBS	5,200 LBS
TRAILER APPROXIMATE SHIPPING WEIGHT (VARIES W/ DIFFERENT ACCESSORIES)	1,400 LBS	2,200 LBS	2,400 LBS	2,850 LBS
NUMBER OF AXLES	1 (SINGLE)	1 (SINGLE)	2 (TANDEM)	2 (TANDEM)
AXLE CAPACITY RATING	1500 LB	3500 LB	3500 LB	5200 LB

ACCESSORIES

Assembly Guy Kit - GuyAnchor Tool Kit - Antenna Stand-off - 12V DC Electric Winch - Electric Winch for tilting Tower 12V DC - 12V DC Battery Pack - All Aluminum Storage Box - Spare Tire - A/C & Heat (Roof or Wall Mounted) - 12V Work Lights - 120V 500 Watt Removable Floodlight w/ Tripod Base & 50' Cord - All Aluminum Co-Ax Cable Reel - I/O Port Roxtec - Telephone Inlet - Cummins-Onan From 5Kw to 12Kw Diesel Quiet Run Gen. - Custom All Aluminum Fuel Tank (25 Gal. to 150 Gal.) - Outdoor Radio Equipment Cabinet - Complete Grounding System - Manual Transfer Switch - Automatic Transfer - Shore-Power Cord w/ twist Lock Connection - Electric Tongue Jack - Exterior GFI Receptacle - Cable Ring Assembly - 22' Little Giant Ladder