

SUMMARY STAMM LIFT & AUGER SIGN TRUCK - JEFFERSON COUNTY HWY. DEPT. - ERIK COONEN (920) 723-7286 erlkc@jeffersoncountywi.gov

Customer Supplied CHASSIS

Note: reference SS is Street Side, CS is Curb Side throughout this document.

No

CHASSIS SPECS »»>>»»»»»»»»

750 lbs. vertical, 350 lbs. traversed left
and 350 lbs. traversed right.

Start Stop Location(s)	Upper & Pendant Lower Controls.	Two Speed Switch Location(s)	N/A
Emergency PowerLocation(s)	Upper 12V Dump Valve		
Aerial/ Auger Crane Color	Safety Yellow	Controls• Hydraulic	Upper platform controls are in the center rear of the platform. Lower platform under CS front bulkhead large sign holder and add'l. lower corded remote pendant.
Platform Stow Position	Centered (Transverse)	Boom Rest Type	N/A
Hydraulic Tools at Basket	No	Hydraulic Operating Pressure Settings/GPM	Aerial Lift 3.5 to 5 gpm @ 2700 psi relief setting. 1415 Auger Unit runs at 8gpm and 2500 psi. Lower hose reel hydraulic tools normally set at 6gpm @ 2000psi as standard. •Ref. Oneida Cty. build M83927.
Outrigger Color	Yellow	Number of Outriggers	4
EXTRA AERIAL INFO/ NOTES	Stamm lift with (2) sets of outriggers. Platform also traverses to the street side 4 feet. No 110 volt power needed at platform. Hydraulic manifold with manual overrides, dual PO checks integral to manifold for both boom cylinders. JEFFERSON COUNTY WILL NOT BE RUNNING THE STAMM LIFT AND AUGER AT THE SAME TIME.		

CRANES/AUGER

QUANTITY	Model	1415 Auger with 9" Dia. Rock	
1	Supplier	Auger Stamm	Aerial/ Auger Crane Color
	Maximum Lifting Capacity	1,500 lbs.	Manual or Power Extension
	Maximum Ft. Lbs. Rating	N/A	12V Battery or Hydraulic Operation
	Horizontal Reach Range	14 ft. from centerline of pedestal	Controls
			Safety Yellow
			Power
			12V Battery
			Wireless Radio Remote
EXTRA CRANE INFO/ NOTES	Stamm crane with fully proportional 4 paddle Pistol grip radio remote control and auger. A 9" x 48" auger and 24" auger extension are supplied. Auger capable of lifting 1500 lbs. @ max reach of 14' from centerline of rotation. Auger trough installed to protect flatbed (see below). Crane to have hook on end. Crane auger mounted CS of flat bed close to the edge of the flat bed behind Hose reel.		

FLATBED

QUANTITY	Model	PVMXT-145 - Flatbed 14' 5"	
1	Supplier	Knaphelde	
	FlatBed Material Type	Steel	
		Length: 14' 5"	
		Overall Width 95.75"	
		Floor 3/16" Steel Treadplate In lieu of standard 1/8"	
		Front, Side and End Ralls 5.88" 12 Ga. HS *STRAIGHT END RAIL	
		Cross Sills (12' spc.) 5.44" 11 Ga. HS formed •12" SPACING OC	
		Long Sills (34" spc.) 7" structural channel *Long sills are required for possum belly In build.	
		DELETE - Internal 2x4 Stake pockets from front, both side and rear end rails.	
		Rub Ralls SS and CS. On the CS the rub rails runs from the rear of the side rail up to the flip up CS access steps.	
		Marker lights are LED and meet FMVSS 108 & DOT requirements. *No center 3 marker/clearance light holes in the rear end rail.	
EXTRA FLATBED INFO/ NOTES	Flatbed painted standard BLACK.		

FEATURES

QUANTITY	DESCRIPTION		MOUNTING LOCATION/ INSTRUCTIONS
1	Inverter 1500W	UPIZ/IS00LP-CG	Mount in the Crew cab portion on the CS under the seat with the outlets facing the CS. The inverter is wired to the chassis batteries and wired to and manually operated by an OEM upfitter switch. No additional battery is required.
1	30 Gallon Stainless Steel Bulkhead Hydraulic Reservoir With 10 Micron Filter	SMR30SS	Mounted to the SS chassis frame under the front large bulkhead sign holder spaced down for top cap and filter clearance. Bidder to fabricate the mounting brackets (see below).
1	Thru-Wall Sump Strainer 2 Inch NPT Male Thread To 1-1/4 Inch NPT Port Thread with Zinc Plated Bushing	SWZ001253	Required for reservoir installation.
2	Mounting Bracket, 30 Gal. Reservoir	FAB AND INSTALL	Bidder to fabricate the mounting brackets for the 30 hydraulic reservoir which are not offered by Buyers for the 30gal.
2	Holder Outrigger Pad 18x18	600300SB	Two double pad holders mounted on the CS only under the front and rear underbody boxes.
4	Pad Outrigger Composite 18"x18"	D1818	Put 2 in each In CS holder.
2	Ribbed Poly Fenders	8590245	Mount over rear wheels SS and CS.
2	Black Powder Coated Poly Fender Mounting Kit - One per fender required	8591000	For mounting Poly fenders.
2	Cover, Outrigger Controls	FAB AND INSTALL	Two mounted at the truck rear to protect the outrigger valve controls from the weather.
1	Riser, Hose Reel 1Zx1Zx14	FAB AND INSTALL	Steel treadplate riser under CS hydraulic hose reel to house tool circuit (see ref. picture).
1	Fire Extinguisher 10Lb W/Rubber Bracket	KIT	Ship Loose.
1	Flatbed Double Wheel Chock	6003091	Mount under the flatbed CS after the front underbody box.
2	Chock Wheel Rubber 9.5"x8"x6"	FA-26-R	Put 2 in CS dbl. chock holder.
1	Flip Up Flatbed Stairs	6003079	Mount on CS top of flatbed after the hose reel and before the crane. The stairs assy. includes two 24"H hoop style grab rails on top of the flatbed, one each side of the flip up steps.
1	Step Bumper Big Truck CS	6003003CS	Mount off CS of rear hitch plate.
1	Step Bumper Big Truck SS	6003003SS	Mount off SS of rear hitch plate.
4	Boxer Square Stake Pocket Model #77907	77907	1 row of four-CS inward of Stamm auger footprint. 1 row of two SS in front of & in line with inward side of sign box.
1	Boxer Pro-Grade 24" Adjustable C-Channel Pipe Stake for Flatbeds - Sold in Sets of 4	99252-4	For use with installed stake pockets
1	12" C-Channel, 9 ft.	INSTALL	9 ft. channel mounted on CS rear of the flatbed for auger stow with rubber flap end (see ref. pic Oneida County).
1	Bulkhead Sign Holder 8" - MODIFIED	6003369-MODIFIED	Large sign holder storage behind cab. Spaced up to the height of the top of the flat bed. The rearward bulkhead upright to be approx. 10" shorter to allow easier access to signs from Stamm lift. A closed storage compt. in the base of the sign holder with doors incorporated. The SS of the base storage compt. has a stop at 37" to fit a 36" sign bases. CS has the remaining depth. The base compt. has drain holes and good seal on doors.
1	Possum Belly	FAB AND INSTALL	Bidder to close off bottom of flatbed between the long sills and front end creating a possum belly for storage of 4x6 wood sign posts. A 6" W length divider and stop installed at 10 feet in possum belly on the streetside.
4	Tie Down Cargo Recessed Ring	B801A	Mount on top of flatbed in each corner of the cargo area in front of the sign box.

4	3/8 Inch Forged D-Ring with Recessed Mounted 2-Hole Mounting Bracket Zinc Plated	B32F	Mount two by removable posts for near 1214 crane auger. D-rings for tie down of wood sign posts stowed on flatbed deck. Mount one forward and one reward of SS sign box near rear of SS sign box on flatbed.
1	Dual Flatbed Steps	6003080	Mounted under flatbed SS in front of sign cabinet and rear wheels with removable grab handle like old truck.
2	Grab Post, Removable, 1.5" Square Steel, 30"L With 5/8" Pin	FABANDINSTALL	Mounted on the SS of the flatbed floor, one each side of flatbed steps as removable grab posts (see build prints). Bidder to cut 1-5/8" holes In the flatbed deck for mounting the posts. The two 30"L grab posts are made 5 feet of Tubing, Sq. Steel 1-1/2" x 0.188"wall cut in half. 22" of the tube via a welded on holding lip shall sit above the flatbed deck, and 8" will sit below with a bottom safety pin.
1	Alarm Back-Up Dual Function	STA20502DW	The two posts are painted SAFETY YELLOW for visibility and to match the auger crane. Standard
1	HD Camera with 10.1Monitor	RV-1005A	Monitor mounted on top of the dash in cab . Camera mounted with a guard on the center rear of the end rail below the maker lights.
2	Harness Motion Alarm 10 Ft. 2	6006MAH10	2 If truck has outriggers
2	Manifold	3307022330	For hydraulic install.
2	Flow Control Valve	FR12-33C-0-N	For hydraulic install.
2	Valve Cntr blnc Cyl Tel *	54118-4	Install for counterbalance.
2	Body Valve	ZZEAJ	Housing for counterbalance valves.
1	Valve Winch	ZZV20FC-R4A&B2	Install within CS riser for tool use from hose reel.
1	Quick Couple Kit 1/2" With Covers	KIT	For hose reel hoses.
1	Filter Return 10Mic Spin-On	BT287-10	For hydraulic system install.
1	PTO	ZZ280GMFJP-B5RK	For build.
1	Pump Hydraulic	ZZAGP2SRB217113	For build.
1	Reel Dual Hose Spring Rwnd W/Gu	N617-25-26B	Mount on a riser on the CS top of the flatbed in front of the Stamm auger.
1	Stop Ball Hose 13/16 OD Twinline	9922.0210	For hose reel.
1	Hose Twinline Assy 1/2"x50'	451TC-06-8-8	Install on hose reel.
1	Filter Head 1-1/4"NPT Port	FH225	For hydraulic system install.
1	Valve Relief 150-4S00PSI Stock	RPECLWNFEJ	For hydraulic system install.
1	Tamper 60" Valve On/Off Hose K	REL TMP60V	Ship Loose.
2	Light Strobe SYFLAT Amber 6LED	SYFLAT6-AA	Mount high on the front grille. Lights are manually activated along with the rear strobes and mini light bars by the same OEM upfitter switch In the cab.
2	Light Strobe & S/T/T LED Combo	SY1432ACRS	Mount in light boxes at the truck rear under the flatbed end rail.
2	Box Light 4" Hole Black Steel	LB663	Mount at rear under flatbed end rail SS and CS for combo lights.
1	Light LED License Plate	15040	Standard - SS under end rail.
3	Light Bar Mini LED Amber	SYMICROMBP-A	Mount one each on the SS and CS of the front bulkhead sign holder and one centered on the top rear of SS sign box. Mount high enough to be visible over stowed man basket from rear of truck.
2	Bracket SYMICRO	6006044	For mounting mini light bars.
1	Kit Reflector Triangle	20R	Ship Loose
1	Kit First Aid	821M10P	Ship Loose
1	3/8" Forged Zinc Plated D-Ring with surface mounted 2-Hole mounting bracket	B32F	Installed on the inboard front top of the sign cabinet towards the front. D-ring will be used for a bungee to keep bulk signs against the rear of the cabinet. D ring not to protrude over side of cabinet.
1	RV Style Trailer Socket W/Mounting Plate	KIT	Mounted within the hitch plate towards the SS.

			Mounted under the chassis frame rails. Plate includes two d-rings and a breakaway eyelet. Plate modified to have multiple pintle position adjustment holes. The hitch plate is spaced for pintle height is 16.6" at the low position and 20.6" at the high position at the center bottom of the throat when mounted.
1	Hitch Mount PH15 **MODIFIED	6003249-MODIFIED	
1	Hitch Pintle Comb 2"	BHB-2000	Bolted to hitch plate at 20.6" H to the center bottom of the pintle throat as delivered.
	3 Ton HD Rigging Swivel Lifting Hook 3/4" Trade with Safety Latch, GBO Crane Round Rotating Hook Hoist Swivel Eye Sling Hook, 6610 lbs.		
1	Working Load Limit	B0D7HGFT1S	For use with Stamm Auger Crane.
	SmartStraps Ratchet Straps - 10ft OR Padded Ratchet HDuty 2pk 3,000lb	B000X27RWO	For use with ratchet anchors at truck rear.
	Bolt on HD Truck Bed/Pickup Rail Tie Down Anchor Ring Hooks (4 Pack)	B07Q2H38F6	Bolt one each side of chassis frame rails at truck rear for securing poles stored in the possum belly for travel.
6	Steel Box Angle Bracket Left	6003518	
6	Steel Box Angle Bracket Right	6003519	
	Universal Shelf Kit for 18x18x36 Underbody Truck Tool Boxes	1701072	Mounted set back in the SS forward 24x24x36 underbody box #1725135. The galvanized steel shelf is designed for the 18x18x36 BU boxes, but still can be installed in the larger boxes set back.
	Gloss Black Diamond Tread Aluminum Underbody Truck ToolBox 24x24x24	1725130	Mount under the Stamm lift on the streetside for additional storage.
			Aluminum 7"H x 30" W x 44" Deep Pullout drawer with dual HD slides mounted between the chassis frame rails at the truck rear. Drawer has a permanent center divider and twelve adjustable dividers, six each side of the center divider.
1	Drawer Between Frame 07x30x44	FEDA073044	Mount SS top of the flatbed 12" forward of the flatbed floor rear and is accessible SS from the ground and rear. Box to fit the following signs: (6) 36", (6) 30", (6) 24", (4) 29" yield signs enclosed by a rollup door and a 19.62" rearward compartment with two rear opening barn style doors and an interior adjustable shelf. No rope lighting required. (See drawing provided.)
	Custom Sign Storage Box Alum. TP 48"H x 40" Deep x 58"L with Roll-Up Side Door and Rear Barn Style Doors	CSSB484058	
	Gloss Black Diamond Tread Aluminum Underbody Truck ToolBox 14x16x24	1725160	Mount under the Stamm lift on the curbside to protect the aerial valving components.
	Gloss Black Diamond Tread Aluminum Underbody Truck Tool Box 24x24x54	1725140	Mount CS under the flatbed right behind the front outriggers.
	Gloss Black Diamond Tread Aluminum Underbody Truck Tool Box 24x24x36	1725135	Mount two SS under the flatbed, one at the front and one right behind the rear outriggers. Mount one CS under the flatbed right behind the rear outriggers.
3	Prep Chassis		
1	Hook Up Fuel Fill		
1	Fab & Install BoomSupport		
1	Wire Body/Compartment Lighting water tight		
1	Install Mounting Brackets for Body		
1	Fab & Install Bucket Support		
23	Plumb Unit & Fill with LubeTech 22 Hydraulic Oil (Pergallon)		
1	Plumb Main Outriggers		
1	Plumb Auxiliary Outriggers		
1	Priority Flow Control System - Bidder to Supply Parts		
1	Install Return Filter		
1	In-Service Training		Bidder to do after delivery.
1	Non-Skid Paint		Paint flatbed deck and any designated walking surfaces.

1	ANSI Inspection
1	Set Service Manuals
1	DOT Inspection
1	Clean and Prep for delivery
1	Stability Test

AERIAL, BODY, ACCESORIES
& INSALLATION

Any specification items not able to be met by bidder must be listed in detail below.

