

Bid Specifications – Service Body

16,000 ft-lbs Basic Capacity



Compliance to Specifications The Bidder shall indicate their compliance by checking "Yes" or "No" for each item specified. Any space not checked shall be interpreted as non-compliance and will result in disqualification of the bid.

Make & Model	<p><u>Titan 16 Service Body</u> (Patented Design) 84" CA / 42" Tall <i>with 58" Tall Front Right Side Compartment</i> OR <i>58" Tall Front Left Side Compartment</i> OR <i>Double tall Side Compartments</i></p>	<p>Comply to Specification</p>	<p>Deviation from Specification</p>		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No</td> </tr> </table>	Yes	No	
Yes	No				

Capacity	<p>Capable of handling up to 16,000 ft-lbs of crane moment load in all positions of rotation</p> <p>Be stable with full-load crane with rear outriggers fully deployed when mounted on adequate chassis as specified below</p> <p>NO front corner outriggers are required for stability</p>			
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Specifications & Standards	<p>Overall dimensions (LxWxH)</p> <ul style="list-style-type: none"> • 133" x 94" x 42" OR • <i>133" x 94" x 58"</i> <p>Inside vertical compartment height:</p> <ul style="list-style-type: none"> • 41.35" for 44" Tall • <i>57.35" for 58" Tall</i> <p>Inside vertical Crane compartment height:</p> <ul style="list-style-type: none"> • 38.05" <p>Overall compartment depth:</p> <ul style="list-style-type: none"> • 20" (19.20" inside dimension) <p>Weight (approximate):</p> <ul style="list-style-type: none"> • 2124 lbs. for 44" Standard Sides • <i>2193 lbs. for 58" Single Tall</i> • <i>2248 lbs for Double Tall</i> <p>Minimum truck chassis of 11,400 lbs. GVWR, 34"-frame rail width and heavy-duty reinforced frame</p> <p>Compartment storage space:</p> <ul style="list-style-type: none"> • 105.94 cu. ft. for 44" Standard sides 			
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<ul style="list-style-type: none"> • <i>112.29 cu. ft. for 58” Single Tall</i> • <i>118.64 cu. ft. for Double Tall</i> 			
Cargo Area <ul style="list-style-type: none"> • 54” floor width (with wheel wells) • A40 galvaneal tread plate for: <ul style="list-style-type: none"> ▪ One piece floor (12-ga) ▪ Bulkhead plate (14-ga) 			
Tie Downs <ul style="list-style-type: none"> • (4) heavy-duty tie downs • 900-lbs rating each 			
Drip rail – full body length with integral gutter			
Door hinges & pins: <ul style="list-style-type: none"> • Internal, stainless steel • Hinges are adjustable 			
Door latches: <ul style="list-style-type: none"> • Compression style T-handle with adjustable cam • T-handle: <ul style="list-style-type: none"> ▪ Black powder coated / black housing ▪ Zinc die cast with high impact BKV 133 plastic latch housing • Low profile design with large gripping surface • Stainless steel, spring loaded padlock eye • Compression mechanism is supported by a roller bearing for smooth actuation • Tamper resistant locking mechanism • Double-sided key • Individual body keying 			
Door retainers: <ul style="list-style-type: none"> • Gas shock assemblies • Extension speed: .01-.03 m/s 			
Door frame gasket: <ul style="list-style-type: none"> • 80-durometer sponge and solid rubber • Bulge size .62” wide x .75” tall • Withstand 1 ½ ft-lbs impact @ -20° F • Heat resistance 150° F max. • Self-extinguishing • Passes Federal Spec. FSS-302 			
Tailgate – pickup truck style, double paneled <ul style="list-style-type: none"> • 14-ga. A40 galvaneal steel outer panel • 10-ga. A40 galvaneal steel inner panel • Paddle latch – chrome plated 			

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	<ul style="list-style-type: none"> Internal latching mechanism is zinc plated 			
	Bumper <ul style="list-style-type: none"> 14-ga. A40-galvanneal steel top plate Adhesive-back skid tapes for slip resistance Recessed bumper to accommodate standard receiver hitch. 			
	Outrigger <ul style="list-style-type: none"> <u>Full Manual activation</u> with: <ul style="list-style-type: none"> Telescopic leg in/out for crane side Fixed leg for the non-crane side Hand crank up/down for both legs 			
	Bottom vent for bottled gas compartment			
	Std. Shelving package for 84CA, consisting of: <ul style="list-style-type: none"> 10 adjustable shelves 2 shelves with small parts dividers 			
	Marker Light <ul style="list-style-type: none"> 2-diode LED Amber color for front of body Red color for front of body Meet federal lighting requirements 			
	Stop/Turn/Tail Light <ul style="list-style-type: none"> Flush mounted, Oval, Red, LED Meet federal lighting requirements 			
	Back-up Light <ul style="list-style-type: none"> Flush mounted, Oval, white LED Meet federal lighting requirements 			
	Fender Area: <ul style="list-style-type: none"> Fenderettes – Molded high impact ABS 			
	Prime / Paint: <ul style="list-style-type: none"> Primed inside and outside with universal weathering polyurethane primer Full undercoating 			
Structural Requirements	Body shall have integrated support structure capable of handling the rated moment load in all positions without permanent deflection.			
	Continuous longitudinal frame with formed structural channel. 6"x3.25"x.1875"			
	Structural cross sills consist of: <ul style="list-style-type: none"> 5"x3"x.25" tubing 5"x2"x.19" formed channel 			

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	Compartment beneath crane is to be unobstructed by structural reinforcements.			
	Crane reinforcement shall be constructed of .19” formed steel plates with .50” minimum steel plate for compartment top beneath crane.			
	Body sheet metal shall be A40-galvanneal steel with a minimum of: <ul style="list-style-type: none"> • 10-ga., formed one-piece continuous sides with integral ends. • 12-ga. tread plate on cargo deck area (Ref. Cargo Area above.) • 14-ga. tread plate bulkhead and top • 18-ga. door frames with integral compartment dividers 			
	Doors – double paneled, A40-galvanneal steel: <ul style="list-style-type: none"> • 10-ga. for outer • 18-ga. formed for inner • Shall be able to be opened and closed under load without loss of sealing characteristics 			
Door frames shall have round corners to resist stress and cracking				

Warranty	Manufacturer shall provide: <ul style="list-style-type: none"> • A five-year limited body warranty against rust-thru from date of delivery • A two-year limited warranty against defects in materials and workmanship from date of delivery for items not in the 5-year policy 			

Options	Bottle holders for secure storage of gas bottles			
	Compartment lighting – dome lights			
	Flood light – quartz type, 100,000 candle power			
	Crane boom support – adjustable to stowed boom angle			
	Rear Compartment Shelf Package			
	2 adjustable shelves <ul style="list-style-type: none"> • Paint – provide code and desired color if other than standard 			
	For other body configurations or options not listed, please contact your authorized Auto Crane Distributor or Auto Crane Customer Service Representative			

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Notes: _____

Submitted by: _____

Date: _____