

Bid Specifications – Service Body

50,000 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	<u>Titan 50 Service Body</u> 84" CA / 52" Tall <i>84" CA / 58" Tall</i>	Comply to Specification		Deviation from Specification
		Yes	No	
Capacity	Capable of handling up to 50,400 ft-lbs of crane moment load in all positions of rotation			
	Be stable with full-load crane with rear outriggers fully deployed when mounted on adequate chassis as specified below. The use of front corner outrigger is not necessary.			
Specifications & Standards	Overall dimensions (LxWxH)			
	<ul style="list-style-type: none"> • 133" x 94" x 52" OR • <i>133" x 94" x 58"</i> 			
	Inside vertical compartment height:			
	<ul style="list-style-type: none"> • 51.79" for 52" Tall • <i>57.79" for 58" Tall</i> 			
	For taller compartment height, see "Drop Well" in the Options Section.			
	Inside vertical Crane compartment height:			
	<ul style="list-style-type: none"> • 48.00" for 52" Tall • <i>54.00" for 58" Tall</i> 			
	Overall compartment depth:			
	<ul style="list-style-type: none"> • 22" (21.14" inside dimension) 			
	Weight (approximate):			
<ul style="list-style-type: none"> • 3,196 lbs. for 52" Tall • <i>3,432 lbs. for 58" Tall</i> 				
Minimum truck chassis of 20,500 lbs. GVWR, 34"-frame rail width and heavy-duty reinforced frame				
Compartment storage space:				
<ul style="list-style-type: none"> • 140 cu. ft. for 52" Tall • <i>160 cu. ft. for 58" Tall</i> 				

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<p>Cargo Area</p> <ul style="list-style-type: none"> • 49.63” floor width (without wheel wells) • 12-ga. A40 galvaneal tread plate for: <ul style="list-style-type: none"> ▪ One piece floor ▪ Bulkhead plate ▪ Sides with integral compartment tops 			
<p>Tie Downs</p> <ul style="list-style-type: none"> • (6) heavy-duty tie downs • 900-lbs rating each 			
<p>Drip rail – full length of body with integral gutter</p>			
<p>Door hinges & pins:</p> <ul style="list-style-type: none"> • Internal, stainless steel • Hinges are adjustable 			
<p>Door latches:</p> <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 			
<p>Door retainers:</p> <ul style="list-style-type: none"> • Gas shock assemblies • Ext speed .01-.03 m/s 			
<p>Door frame gasket:</p> <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 			
<p>Tailgate – pickup truck style, double paneled</p> <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 			
	Top vent for bottled gas compartment			
	Grab handle – (2) heavy duty type, extra large black plastic handles with rubber grip			
	Marker lights meeting Federal Transportation Standards			
	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.			
	One-piece continuous longitudinal frame with 4"x4"x.25" wall square structural tubing			
	Structural cross sills consist of: <ul style="list-style-type: none"> 5"x3"x.38" tubing 5"x6.7# channels 			
	Compartment beneath crane is to be unobstructed by structural reinforcements.			
	Crane reinforcement shall be constructed of .38" 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 all sides of cargo area and top of compartments. (Ref. Cargo Area above.) 14-ga. door frames with integral compartment dividers 			

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	Doors – double paneled, A40-galvanneal steel: <ul style="list-style-type: none"> • 10-ga. for outer • 14-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 (Must be available as required)	Shelving package for 84” CA, consisting of: <ul style="list-style-type: none"> • 11 adjustable shelves • 1 shelf with small parts dividers • 1 shelf with book dividers • 3 material hooks 			
	Tool tray <ul style="list-style-type: none"> • 500-lbs rollout capacity • Latch closed 			
	Drop well – to increase front compartments to 60” tall for storage of gas bottles			
	Bottle holders for secure storage of gas bottles			
	Compartment lighting – rope light			
	Flood light – quartz type, 100,000 candle power			
	Crane boom support – adjustable to stowed boom angle			
	Bumper: <ul style="list-style-type: none"> • 24” workbench type with vise plate and storage compartment • 10-ga. A40-galvanneal steel • Adhesive-back skid tapes for slip resistance • Door latches – matching body door latches (See spec. in “Door Latches” section listed previously.) • Interior latch protection 			

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	Outriggers:			
	<ul style="list-style-type: none"> • Full hydraulic activation with: <ul style="list-style-type: none"> ▪ Telescopic in/out and up/down for crane side ▪ Telescopic up/down only for non-crane side 			
	OR			
	<ul style="list-style-type: none"> • Full manual activation with: <ul style="list-style-type: none"> ▪ Telescopic in/out and hand crank up/down for crane side ▪ Hand crank up/down only for <u>non</u>-crane side 			
	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.			

Notes: _____

Submitted by: _____

Date: _____