

# Bid Specifications – Service Body

**38,000 ft-lbs Basic Capacity**  
**49,000 ft-lbs Enhanced Capacity<sup>(1)</sup>**



**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.

<b>Make &amp; Model</b>	<p><b><u>Titan 38 Service Body</u></b>  <b>(Patented Design)</b>  <b>84" CA / 46" Tall</b>                      with 58" Single Tall Front Right or Left Side Compartment                      Or Double Tall Compartments  <b>60" CA / 46" Tall</b>                      With 58" Single Tall Front Right or Left Side Compartment                      Or Double Tall Compartments</p>	<b>Comply to Specification</b>	<b>Deviation from Specification</b>		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>Yes</b></td> <td style="width: 50%; text-align: center;"><b>No</b></td> </tr> </table>	<b>Yes</b>	<b>No</b>	
<b>Yes</b>	<b>No</b>				

<b>Capacity</b>	Capable of handling up to <b>38,000 ft-lbs</b> of crane moment load in all positions of rotation			
	Capable of handling up to <b>49,000 ft-lbs</b> of crane moment load in certain zones <sup>(1)(2)</sup>			
	Compatible with Auto Crane models: 5005H, 5005EH, 6006EH, 6406H, HC-7, HC-8			
	Be stable with full-load crane with <b>rear outriggers</b> fully deployed when mounted on adequate chassis as specified below			
	<b>NO front corner outriggers</b> are required for stability			

(1) When mounted on chassis having a minimum GVWR of 19,500 lbs. and RBM of at least 510,000 in-lbs. in conjunction with Auto Crane HD outriggers and HC-8 hydraulic crane  
 (2) See Auto Crane P/N 479824000 for zones

<b>Specifications &amp; Standards</b>	<p><b>Overall dimensions (LxWxH)</b>                      84" CA Body</p> <ul style="list-style-type: none"> <li>• 133" x 94" x 46.33" <b>OR</b></li> <li>• 133" x 94" x 58.13"</li> </ul> <p>60" CA Body</p> <ul style="list-style-type: none"> <li>• 109" x 94" x 46.33" <b>OR</b></li> <li>• 109" x 94" x 58.13"</li> </ul> <p>Inside vertical compartment height:</p> <ul style="list-style-type: none"> <li>• 46.13" for 46" Tall</li> <li>• 57.92" for 58" Tall</li> </ul>			

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For taller compartment height, see “ <b>Drop Well</b> ” in the Options Section.			
Inside vertical Crane compartment height: <ul style="list-style-type: none"> <li>• 43.13”</li> </ul>			
<b>Overall compartment depth:</b> <ul style="list-style-type: none"> <li>• 22” (21.14” inside dimension)</li> </ul>			
<b>Weight</b> (approximate): 84” CA Body <ul style="list-style-type: none"> <li>• 2925 lbs. for 46” Standard Sides,</li> <li>• 2953 lbs. for 58” Single Tall</li> <li>• 3006 lbs. for Double Tall</li> </ul> 60” CA Body <ul style="list-style-type: none"> <li>• 2,582 lbs. for 46” Standard Sides</li> <li>• 2,635 lbs. for Single Tall</li> </ul>			
Minimum <b>truck chassis</b> of 11,400 lbs. GVWR, 34”-frame rail width and heavy-duty reinforced frame			
<b>Compartment storage space:</b> 84” CA Body <ul style="list-style-type: none"> <li>• 126.55 cu. ft. for 46” Standard Sides</li> <li>• 131.91 cu. ft. for 58” Single Tall</li> <li>• 137.31 cu. ft. for Double Tall</li> </ul> 60” CA Body <ul style="list-style-type: none"> <li>• 99.14 cu. Ft. for 46” Standard Sides</li> <li>• 104.29 cu. ft. for 58” Single Tall</li> </ul>			
<b>Cargo Area</b> <ul style="list-style-type: none"> <li>• 49.63” <b>floor width</b> (without wheel wells)</li> <li>• 12-ga. A40 galvaneal tread plate for: <ul style="list-style-type: none"> <li>▪ One piece floor</li> <li>▪ Bulkhead plate</li> <li>▪ Sides with integral compartment tops</li> </ul> </li> </ul>			
<b>Tie Downs</b> 84” CA Body <ul style="list-style-type: none"> <li>• (6) heavy-duty tie downs</li> </ul> 60” CA Body <ul style="list-style-type: none"> <li>• (4) heavy-duty tie downs</li> <li>• 900-lbs rating each</li> </ul>			
<b>Drip rail</b> – full body length with integral gutter			
<b>Door hinges &amp; pins:</b> <ul style="list-style-type: none"> <li>• Internal, stainless steel</li> <li>• Hinges are adjustable</li> </ul>			
<b>Door latches:</b> <ul style="list-style-type: none"> <li>• Compression style T-handle with adjustable cam</li> </ul>			

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<ul style="list-style-type: none"> <li>• T-handle:             <ul style="list-style-type: none"> <li>▪ Black powder coated / black housing</li> <li>▪ Zinc die cast with high impact BKV 133 plastic latch housing</li> </ul> </li> <li>• Low profile design with large gripping surface</li> <li>• Compression mechanism is supported by a roller bearing for smooth actuation</li> <li>• Tamper resistant locking mechanism</li> <li>• Double-sided key</li> <li>• Individual body keying</li> </ul>			
<p><b>Door retainers:</b></p> <ul style="list-style-type: none"> <li>• Adjustable spring loaded assemblies</li> <li>• Zinc plated components</li> </ul>			
<p><b>Door frame gasket:</b></p> <ul style="list-style-type: none"> <li>• 80-durometer sponge and solid rubber</li> <li>• Bulge size .62” wide x .75” tall</li> <li>• Withstand 1 ½ ft-lbs impact @ -20° F</li> <li>• Heat resistance 150° F max.</li> <li>• Self-extinguishing</li> <li>• Passes Federal Spec. FSS-302</li> </ul>			
<p><b>Tailgate – pickup truck style, double paneled</b></p> <ul style="list-style-type: none"> <li>• 14-ga. A40 galvanized steel outer panel</li> <li>• 10-ga. A40 galvanized steel inner panel</li> <li>• Paddle latch – chrome plated</li> <li>• Internal latching mechanism is zinc plated</li> </ul>			
<p><b>Bottom vent for bottled gas compartment</b></p>			
<p><b>Grab handle – (2) heavy duty type, extra-large black plastic handles with rubber grip</b></p>			
<p><b>Marker Light</b></p> <ul style="list-style-type: none"> <li>• 2-diode LED</li> <li>• Amber color for front of body</li> <li>• Red color for front of body</li> <li>• Meet federal lighting requirements</li> </ul>			
<p><b>Stop/Turn/Tail Light</b></p> <ul style="list-style-type: none"> <li>• Flush mounted, oval, red, LED</li> <li>• Meet federal lighting requirements</li> </ul>			
<p><b>Back-up Light</b></p> <ul style="list-style-type: none"> <li>• Flush mounted, oval, white, LED</li> <li>• Meet federal lighting requirements</li> </ul>			
<p><b>Fender Area:</b></p> <ul style="list-style-type: none"> <li>• Fenderettes – Molded high impact ABS</li> </ul>			

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	<b>Prime / Paint:</b> <ul style="list-style-type: none"> <li>• Primed inside and outside with universal weathering polyurethane primer</li> <li>• Full undercoating</li> </ul>			
<b>Structural Requirements</b>	Body shall have integrated support structure capable of handling the rated moment load in all positions without permanent deflection.			
	Continuous longitudinal frame with C6x8.2# structural channel			
	Structural cross sills consist of: <ul style="list-style-type: none"> <li>• 6"x4"x.25" tubing</li> <li>• 6"x2"x.18" tubing</li> </ul>			
	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"> <li>• 10-ga., formed one-piece continuous sides with integral ends</li> <li>• 12-ga. tread plate on all sides of cargo area and top of compartments. (Ref. Cargo Area above.)</li> <li>• 14-ga. door frames with integral compartment dividers</li> </ul>			
	Doors – double paneled, A40-galvanneal steel: <ul style="list-style-type: none"> <li>• 10-ga. for outer</li> <li>• 14-ga. formed for inner</li> <li>• Shall be able to be opened and closed under load without loss of sealing characteristics</li> </ul>			
	Door frames shall have round corners to resist stress and cracking			
<b>Warranty</b>	Manufacturer shall provide: <ul style="list-style-type: none"> <li>• A five-year limited body warranty against rust-thru from date of delivery</li> <li>• A two-year limited warranty against defects in materials and workmanship from date of delivery for items not in the 5-year policy</li> </ul>			
<b>Options</b>	Shelving package for 84" CA, consisting of:			

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(Must be available as required)

<ul style="list-style-type: none"> <li>• 11 adjustable shelves</li> <li>• 1 shelf with small parts dividers</li> <li>• 1 shelf with book dividers</li> <li>• 3 material hooks</li> </ul> <p><b>Shelving package</b> for 60” CA, consisting of:</p> <ul style="list-style-type: none"> <li>• 7 adjustable shelves</li> <li>• 1 shelf with small parts dividers</li> <li>• 1 shelf with book dividers</li> <li>• 3 material hooks</li> </ul>			
<p><b>Tool tray</b></p> <ul style="list-style-type: none"> <li>• 500-lbs rollout capacity</li> <li>• Latch closed</li> </ul>			
<p><b>Drop well</b> – to increase front compartments to 60” tall for storage of gas bottles</p>			
<p><b>Bottle holders</b> for secure storage of gas bottles</p>			
<p><b>Compartment lighting</b> – rope light</p>			
<p><b>Flood light</b> – quartz type, 100,000 candle power</p>			
<p><b>Crane boom support</b> – adjustable to stowed boom angle</p>			
<p><b>Bumpers: EITHER</b></p> <ul style="list-style-type: none"> <li>• <u>24” workbench type</u> with:             <ul style="list-style-type: none"> <li>▪ Vise plate and storage compartment with lock</li> <li>▪ 10-ga. A40-galvanneal steel top plate</li> <li>▪ Adhesive-back skid tapes for slip resistance</li> <li>▪ Integral full body-width step with galvanized steel open tread floor grating</li> </ul> </li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <u>12” type</u> with:             <ul style="list-style-type: none"> <li>▪ 10-ga. A40-galvanneal steel top plate</li> <li>▪ Adhesive-back skid tapes for slip resistance</li> <li>▪ Integral full body-width step with galvanized steel open tread floor grating</li> </ul> </li> </ul>			
<p><b>Outriggers – either:</b></p> <ul style="list-style-type: none"> <li>• <u>Full hydraulic activation</u> with:             <ul style="list-style-type: none"> <li>▪ Central control valve including with Outriggers / Crane selector</li> <li>▪ Telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Telescopic up/down for both legs</li> </ul> </li> </ul>			

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	<b>OR</b>		
	<ul style="list-style-type: none"> <li>• <u>Full Manual activation</u> with:               <ul style="list-style-type: none"> <li>▪ Telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Hand crank up/down for both legs</li> </ul> </li> </ul>		
	<b>OR</b>		
	<ul style="list-style-type: none"> <li>• <u>Hydraulic/Manual activation</u> with:               <ul style="list-style-type: none"> <li>▪ Manual telescopic leg in/out for crane side</li> <li>▪ Fixed leg for the non-crane side</li> <li>▪ Hydraulic telescopic up/down for both legs</li> </ul> </li> </ul>		
	<b>Paint</b> – 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:** \_\_\_\_\_

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**Submitted by:** \_\_\_\_\_

**Date:** \_\_\_\_\_