

# Bid Specifications – Service Body

## 60,000 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	<b><u>Titan 60 Service Body</u></b> <b>(Patent Pending Design)</b> 120" CA / 58" Tall	Comply to Specification		Deviation from Specification
		Yes	No	
<b>Capacity</b>	Capable of handling up to 60,000 ft-lbs of crane moment load in all positions of rotation			
	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			
<b>Specifications &amp; Standards</b>	<b>Overall dimensions (LxWxH)</b> <ul style="list-style-type: none"> <li>169" x 94" x 58"</li> </ul>			
	Inside vertical compartment height: <ul style="list-style-type: none"> <li>51.79" for 52" Tall Rear Comp.</li> <li>57.79" for 58" Tall front Comp.</li> </ul>			
	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>46.50" for 52" Tall</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): <ul style="list-style-type: none"> <li>4106 lbs.</li> </ul>			
	Minimum <b>truck chassis</b> of 26,000 lbs. GVWR, 34"-frame rail width and heavy-duty reinforced frame			
	<b>Compartment storage space:</b> <ul style="list-style-type: none"> <li>192 cu. ft.</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 galvanneal tread plate for:                             <ul style="list-style-type: none"> <li>One piece floor</li> <li>Bulkhead plate</li> </ul> </li> </ul>			

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<ul style="list-style-type: none"> <li>▪ Sides with integral compartment tops</li> </ul>			
<b>Tie Downs</b> <ul style="list-style-type: none"> <li>• (6) heavy-duty tie downs</li> <li>• 900-lbs rating each</li> </ul>			
<b>Drip rail</b> – full length of body 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> <li>• T-handle:               <ul style="list-style-type: none"> <li>▪ Black powder coated / black housing</li> <li>▪ Zinc die cast with high impact BKV plastic latch housing</li> </ul> </li> <li>• Low profile design with large gripping surface</li> <li>• Stainless steel, spring loaded padlock eye</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>			
<b>Door retainers:</b> <ul style="list-style-type: none"> <li>• Gas shock assemblies</li> <li>• Ext. speed .01-.03 m/s</li> </ul>			
<b>Door frame gasket:</b> <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>			
<b>Tailgate</b> – pickup truck style, double paneled <ul style="list-style-type: none"> <li>• 14-ga. A40 galvaneal steel outer panel</li> <li>• 10-ga. A40 galvaneal steel inner panel</li> <li>• Paddle latch – chrome plated</li> <li>• Internal latching mechanism is zinc plated</li> </ul>			
<b>Bottom vent</b> for bottled gas compartment			
<b>Grab handle</b> – (2) heavy duty type, extra large black plastic handles with rubber grip			

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	Marker lights meeting Federal Transportation Standards			
	<b>Stop/Turn/Tail Light</b> <ul style="list-style-type: none"> <li>• Flush mounted, oval, red, LED</li> <li>• Meet federal lighting requirements</li> </ul>			
	<b>Back-up Light</b> <ul style="list-style-type: none"> <li>• Flush mounted, oval, red, white LED</li> <li>• Meet federal lighting requirements</li> </ul>			
	<b>Fender Area:</b> <ul style="list-style-type: none"> <li>• Fenderettes – Molded high impact ABS</li> </ul>			
	<b>Prime / Paint:</b> <ul style="list-style-type: none"> <li>• Primed inside and outside with universal weathering epoxy 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.			
	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"> <li>• 5"x3"x.38" tubing</li> <li>• 5"x6.7# channels</li> </ul>			
	Crane Compartment: <ul style="list-style-type: none"> <li>• Unobstructed by structural reinforcement</li> <li>• Top plate shall be .50" minimum steel supported by structural angles of 5"x3.50"x.75"</li> <li>• Vertical reinforcement shall be .38" formed steel plates</li> </ul>			
	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> </ul>			

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	<ul style="list-style-type: none"> <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>	<p>Manufacturer shall provide</p> <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> (Must be available as required)	<p><b>Shelving package</b> for 120" CA, consisting of:</p> <ul style="list-style-type: none"> <li>• 13 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>			
	<b>Drop well</b> – to increase front compartments to 60" tall for storage of gas bottles			
	<b>Bottle holders</b> for secure storage of gas bottles			
	<b>Compartment lighting</b> – rope light			
	<b>Flood light</b> – quartz type, 100,000 candle power			
	<b>Crane boom support</b> – adjustable to stowed boom angle			
	<p><b>Bumper:</b></p> <ul style="list-style-type: none"> <li>• <u>30" workbench type</u> with: <ul style="list-style-type: none"> <li>▪ Vise plate and storage compartment</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> <li>▪ Door latches for storage compartment – matching body door latches (See spec. in "Door Latches" section listed previously.)</li> <li>▪ Interior latch protection</li> </ul> </li> </ul>			
	<p><b>Outriggers:</b></p> <ul style="list-style-type: none"> <li>• Full hydraulic activation</li> </ul>			

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	<ul style="list-style-type: none"> <li>• Central control valve including:                             <ul style="list-style-type: none"> <li>▪ Outriggers / Crane selector</li> <li>▪ Telescopic up/down both sides</li> <li>▪ Telescopic in/out both sides</li> </ul> </li> <li>• Internal mount cylinders for better protection</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:** \_\_\_\_\_