

Bid Specifications – Service Body

85,000 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 85 Service Body</u> (Patent Pending Design) 120" CA / 58" Tall	Comply to Specification		Deviation from Specification
		Yes	No	
Capacity	Capable of handling up to 85,000 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			
	NO front corner outriggers are required for stability			
Specifications & Standards	Overall dimensions (LxWxH) <ul style="list-style-type: none"> 169" x 94" x 58" 			
	Inside vertical compartment height: <ul style="list-style-type: none"> 51.79" for 52" Tall Rear Comp. 57.79" for 58" Tall Front Comp. 			
	Note: For taller compartment height, see " Drop Well " in the Options Section.			
	Inside vertical Crane compartment height: <ul style="list-style-type: none"> 46.50" for 52" Tall 			
	Overall compartment depth: <ul style="list-style-type: none"> 22" (21.14" inside dimension) 			
	Weight (approximate): <ul style="list-style-type: none"> 4599 lbs. 			
	Minimum truck chassis of 29,000 lbs. GVWR, 34"-frame rail width and heavy-duty reinforced frame			
	Compartment storage space: <ul style="list-style-type: none"> 192 cu. ft. 			
	Cargo Area <ul style="list-style-type: none"> 49.63" floor width (without wheel wells) 12-ga. A40 galvanized tread plate for: <ul style="list-style-type: none"> One piece floor Bulkhead plate 			

Bid Specifications – Service Body

<ul style="list-style-type: none"> ▪ Sides with integral compartment tops 			
Tie Downs <ul style="list-style-type: none"> • (6) heavy-duty tie downs • 900-lbs rating each 			
Drip rail – full length of body 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 receptacle ▪ Zinc die cast. • Low profile design with large gripping surface • Zinc die cast padlock eye • Tamper resistant locking mechanism • Double-sided key • Individual body keying 			
Door retainers: <ul style="list-style-type: none"> • Gas shock assemblies • Ext. 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 galvanized steel outer panel • 10-ga. A40 galvanized steel inner panel • Paddle latch – chrome plated • Internal latching mechanism is zinc plated 			
Bottom 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			

Bid Specifications – Service Body

	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"> • (3) 5"x3"x.50" tubing (1) 5"x3"x.25" tubing (front wheel well) • 5"x6.7# channels 			
	Crane Compartment: <ul style="list-style-type: none"> • Unobstructed by structural reinforcement • Top plate shall be .50" minimum steel supported by formed angles of 5"x5"x.50" • Vertical reinforcement shall be .38" formed steel plates 			
	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 			
	Doors – double paneled, A40-galvanneal steel: <ul style="list-style-type: none"> • 10-ga. for outer • 14-ga. formed for inner 			

Bid Specifications – Service Body

	<ul style="list-style-type: none"> • 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	<p>Manufacturer shall provide</p> <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)	<p>Shelving package for 120” CA, consisting of:</p> <ul style="list-style-type: none"> • 13 adjustable shelves • 1 shelf with small parts dividers • 1 shelf with book dividers • 3 material hooks 			
	<p>Tool tray</p> <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 – LED			
	Flood light – LED			
	Crane boom support – adjustable to stowed boom angle			
	<p>Bumper:</p> <ul style="list-style-type: none"> • <u>30” workbench type</u> with: <ul style="list-style-type: none"> ▪ Vise plate and storage compartment ▪ 10-ga. A40-galvanneal steel top plate ▪ Adhesive-back skid tapes for slip resistance ▪ Integral full body-width step with galvanized steel open tread floor grating ▪ Door latches for storage compartment – matching body door latches (See spec. in “Door Latches” section listed previously.) ▪ Interior latch protection 			
	<p>Outriggers:</p> <ul style="list-style-type: none"> • Full hydraulic activation 			

Bid Specifications – Service Body

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