

TC-200 COMBO BODY SPECIFICATION FOR PICKUP BOX REPLACEMENT

GENERAL

COMPLY
YES NO

This requirement is for assembled components of an aluminum toolbox/dump body kit to be mounted on a full size single or dual wheel pickup truck chassis.	_____	_____
Unit shall come with all necessary wiring and mounting hardware.	_____	_____
The unit shall come standard with remote in-cab up/down controls for dump portion.	_____	_____
The complete kit shall weigh 880 lbs for SRW; 905 lbs for DRW, w/no options.	_____	_____

ALUMINUM DUMP INSERT SPECIFICATION

Entire unit to be constructed of 5052 sheet aluminum, 6061 T6 Alloy aluminum extrusions, or type 304 stainless steel.	_____	_____
At least 60% of unit to be type 6061 T6 alloy extrusions for maximum strength.	_____	_____
Total body weight, less options to be 420 lbs.	_____	_____
Body side walls shall be constructed of minimum 1/8" 5052 aluminum sheet, with extruded box rails, floor planks and z-rails of 6061 T6 alloy aluminum.	_____	_____
The extruded-plank floor shall be constructed of minimum 1.5" high, x 5" wide T6 extruded planks, tongue-in-groove style to provide maximum strength to adjoining planks.	_____	_____
Dump insert bed rails shall project above, and partly cover toolbox top.	_____	_____
The unit shall have its own sub frame of extruded T-6, 2" Sq aluminum tubing designed to handle and distribute rated load.	_____	_____
The unit shall be designed for easy installation and removal using 3 mounting bolts and retainer plates. All grade 5 mounting hardware to be furnished.	_____	_____
The rear hinges shall employ maintenance-free nylatrol bushings and stainless steel hinge pins.	_____	_____

	COMPLY	
	YES	NO
<u>DUMP INSERT TAILGATE</u>		
The tailgate shall be constructed of minimum 1/8" formed aluminum, with extruded T6 top and bottom rails for strength and appearance.	_____	_____
The tailgate sides and inner facing plate shall be constructed of minimum 1/4" aluminum, welded to top and bottom extruded caps for best durability.	_____	_____
The tailgate shall use minimum 1/2" diameter stainless steel pivot/latch pins top and bottom.	_____	_____
The tailgate shall use a stainless steel paddle latch to retract the upper retaining pins to open the tailgate from the top.	_____	_____
The tailgate shall use one lanyard, each side to unlatch the lower retaining pins.	_____	_____
Top and bottom tailgate latching shall be "slam shut" type with spring loaded stainless steel pins.	_____	_____
Tailgate chains shall be bright galvanized steel and have nylon mesh sleeves to prevent body chafing during transit.	_____	_____
The tailgate shall be full height to top of box rails.	_____	_____
<u>FINISH</u>		
Finished fabrication shall be 100% cleaned of weld smoke, spalls and spatter.	_____	_____
Finished fabrication shall be treated with a surface brightener.	_____	_____
<u>WARRANTY</u>		
Dump unit shall carry 2 year factory warranty on all components.	_____	_____
<u>CYLINDER</u>		
Three stage telescopic type, trunnion mount.	_____	_____
Rated maximum pressure – 2,400 psi.	_____	_____
Rod to be chrome plated.	_____	_____
Cylinder to incorporate O-ring seals with external rod wipers.	_____	_____
Hoist to develop rated lift capacity at less than 100% of max. design pressure.	_____	_____

COMPLY
YES NO

ELECTRO-HYDRAULIC PUMP

Pump shall be a 12 volt self-contained electro/hydraulic type. _____

Pump shall be overload protected with internal pressure relief. _____

Pressure: maximum 3,000 psi, operating-2,000 psi. _____

PAYLOAD CAPACITY

5,000 lbs dump capacity. _____

2.4 cu yds -water level. _____

5+ cu yds with side boards. _____

Hoist/pump combination to provide rated dump/lower cycle in max. 39 seconds. _____

BODY DIMENSIONS

Overall Length. 106" _____

Interior length 98" _____

Overall Width 68" _____

Top Width inside 61" _____

Bottom Width inside 48-1/8" _____

Overall Body Height 24" _____

Inside Height 20" _____

DUMP ANGLE

Minimum 47 degrees _____

ALUMINUM TOOL CABINETS SPECIFICATION

	COMPLY	
	YES	NO
<u>STORAGE COMPARTMENT SHELL</u>		
Unit to be constructed of .125" thk brushed-finish 5052 sheet aluminum, with bright diamond-plate tops.	_____	_____
Storage boxes to have a formed drip-edge entire length of compartment.	_____	_____
All FMVSS lighting is included & installed with harness	_____	_____
Storage boxes to be assembled using two-part bonding/sealer.	_____	_____
Clear door openings - Rr doors -10" H x 68" L; Frt doors -22" H x 17.5" L	_____	_____
All doors to have stainless steel polished hinges.	_____	_____
Rear doors to have 3-point latch system.	_____	_____
All doors have black, keyed-alike, twist-lock handles with rain cover.	_____	_____
Mounting frame of .250" steel designed to handle and distribute rated load.	_____	_____
Door weatherseals of bulb-style, automotive seal	_____	_____
Cabinet to include internal light protectors	_____	_____
<u>FINISH</u>		
Finished fabrication shall be 100% cleaned of weld smoke, spalls and spatter.	_____	_____
Finished fabrication shall be treated with a surface brightener.	_____	_____
<u>CABINET DIMENSIONS</u>		
Single rear wheel cabinets 24" h x 14" dp x 100" L; 32 cu. ft. storage; 82" O.A.W.	_____	_____
Dual rear wheel cabinets 24" h x 20" dp x 100" L; 54 cu. ft. storage; 96" O.A.W.	_____	_____
<u>WARRANTY</u>		
One year warranty on all frame & cabinet components.	_____	_____