

TC-202 ALUMINUM COMBO BODY SPECIFICATION

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 1,045 lbs. _____

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 478 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 1.25" 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 2 mounting bolts and retainer plates. All grade 5 mounting hardware to be furnished. _____

The rear hinges shall employ maintenance-free nylatrol bushings and 3/4" stainless steel hinge pins. _____

COMPLY
YES NO

DUMP INSERT TAILGATE

The tailgate shall be constructed of minimum 1/8" formed aluminum, with extruded T6 top and bottom rails for strength and appearance. _____

The tailgate ends 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. _____

FINISH

Finished fabrication shall be 100% cleaned of weld smoke, spalls and spatter. _____

Finished fabrication shall be treated with a surface brightener. _____

WARRANTY

Dump unit shall carry three year factory warranty on all components. _____

CYLINDER

Three stage telescopic type, trunnion mount. _____

Rated maximum pressure – 3,000 psi. _____

Rod to be chrome plated. _____

Cylinder to incorporate high performance cup seals with internal rod guides. _____

Hoist to develop rated lift capacity at less than 100% of max. design pressure. _____

COMPLY
YES NO

ELECTRO-HYDRAULIC PUMP

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

Pump shall be overload protected with internal pressure relief. _____

Pressure: maximum 3,000 psi, operating-2,800 psi. _____

Electrical circuit shall be protected by a resettable, 150 AMP circuit breaker installed in the power wiring under the vehicle hood that may be manually switched off for tamper-proofing unattended insert _____

PAYLOAD CAPACITY

7,000 lbs dump capacity. _____

2.5 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" _____

Floor Width inside 48-1/8" _____

Overall Body Height 24" _____

Inside Height 20" _____

DUMP ANGLE

Minimum 47 degrees _____

ALUMINUM TOOL CABINETS SPECIFICATION

COMPLY
YES NO

STORAGE COMPARTMENTS & MOUNT FRAME

Unit to be constructed of .090" 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 factory harness _____

Storage boxes to be welded assembly. _____

Clear door openings - Rr doors -17" H x 18" L; Frt doors -36" H x 26" L _____

All doors to have stainless steel hinges. _____

Rear doors to have single point latch system. _____

All doors have black, keyed-alike, twist-lock handles with rain cover. _____

Mounting frame designed to handle and distribute cabinet load. _____

Door weatherseals of D-style, automotive seal _____

Cabinet to include internal light protectors _____

FINISH

Finished fabrication shall be 100% cleaned of weld smoke, spalls and spatter. _____

Finished fabrication shall be treated with a surface brightener. _____

CABINET DIMENSIONS

Single rear wheel cabinets 40" h x 13.5" dp x 98" L; 35 cu. ft. storage; 84" O.A.W. _____

WARRANTY

One year warranty on all frame & cabinet components. _____