

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. _____