

# 16' Replacement Dump Body

## Minimum Requirements

### General:

- Bed to replace existing dump box only. Replacement bed will utilize existing mounting system including trunion type hoist.
- Bed must accept existing electric roll up tarp and bails.
- Bed must accept existing warning light system including the existing rear warning lights.
- Stop, tail, turn and backup lights must be located in the rear of bed.
- Inside available space for bed must be no less than 16' x 86".
- Bed must be crossmemberless, "long sill" type understructure with no less than 3/16" floor.
- Bed floor gussets need to come all the way back to the tailgate.
- Four ratchet binders welded to allow for sander bed securement.
- Bed to be primed, painted and fully installed by the vendor.
- Mudflaps should attach to bed, front and rear of drive tires. Bolt straight down at the back of the frame to avoid pocket development allowing material to gather.
- Bed must have a removable asphalt apron.
- Bed pins should be greasable from each end as well as center of weldment.
- All horizontal surfaces sloped to allow for material run off.
- Do not place advertisement stickers on bed.

### Sides:

- Sides should be 35" high made from no less than 10 gauge steel with rear corner posts no less than 3/16".
- Sides should have horizontal bracing.
- Walk rail and stow away ladders are to be mounted to the outside. Do not use removable pin system to stow ladders.
- Top of the sides should be sloped to allow material to run off.
- No provisions are necessary for sideboards.
- Auxiliary hydraulic hoses should be installed in enclosed boxes on each side of bed. Provisions will be made so these boxes will run through the rear of the bed frame.
- A reflector is sufficient to light the front side of the bed. A light is not necessary.
- J hooks on bed are not necessary.

### Tailgate:

- Height should be 46".
- Top should be sloped for material runoff.
- D-Ring should be welded in top center of gate to aid in removal.
- Air latch mechanism to utilize existing air cylinder.
- Extra heavy-duty chain hooks attached to top and bottom at rear of bed to allow for spreading and laying down the gate.
- Prefer tie bar instead of square tubing wiring for tail lights.
- Two 3/8" Grade 70 chains attached to tailgate with clevis type arrangement.
- Provide a 10-12" removable heavy asphalt lip 3/16" or better. Do not weld to the side of the bed.
- Provide extra heavy duty banjo hooks top and bottom of each side of the tailgate.
- Use flange pin so a keeper is not needed on each side of the tailgate. Flange pin will still need one keeper.
- Provisions should be made to attach a license plate to the tailgate.

### Cab Protector:

- Cab protector should be at a height of 56". (1/2 Cab Shield)
- Must be braced and deemed heavy enough to support warning light head on each corner.
- Must incorporate existing roll up tarp system.
- Shovel holders should be mounted on the cab side.

### Safety:

- DOT-C2-II reflective tape on each side and tailgate for conspicuity.
- Body prop on each side of frame suitable to support the weight of the bed at a 32 degree angle. Body prop can be stowed by spring pin or with article that remains with the truck. Forward swing works better than back swing.

### Wire/Hose Securement:

All hoses & wires should be secured to underside of the bed. Wiring can be zip tied and secured to truck by rail welded to the frame, etc. Avoid clamps in frame to prevent moisture collection areas. Horizontal bracing for bed sides should not be used to route wires.