

Manufacturing Company

Product Specifications

Updated January 16, 2018

Model SAT Series – 6 Yard HD

Satellite Dump Body Attachment

Body Construction

- ☐ Main Frame 2 x 6 x 3/16" wall steel structural tube.
- ☐ Other Frame 2 x 2 x 3/16" wall steel structural tube.
- ☐ All body panels 12 ga HRS.
- ☐ Optional Split Body 50/50 construction with separately dumping segments.
- ☐ Dump Body contains 1 x 2 x 1/8" wall steel structural tube around edges.
- ☐ Dump Body is fully welded water-tight.
- ☐ Composite self-lubricated bearings are used on all major pivot points, requiring no regular maintenance / greasing except as desired.

12v Hydraulic Specifications (Standard)

- ☐ 12v DC, 1.7 gpm pump producing 1500 psi at 225 amp draw. (Standard)
- ☐ 4.8 liter capacity tank, using standard hydraulic oil.
- ☐ Operating temperatures -20 degrees F to 130 degrees F.
- ☐ Water-Proof Double toggle switch control with 10' loose pendant for hand-held operation (Holding bracket for pendant also provided on both sides)
- ☐ Heavy duty 2/0 awg gauge wiring is used for power which connects directly to the battery.
- ☐ The electrical connection may be disconnected via a plug, for easy removal.

Mounting Specifications

- ☐ May be installed as bed mount or chassis mount.
- ☐ Front & rear mounting brackets (x4 pieces) which anchor directly to the chassis frame (or thru the bed and to the chassis frame)
- ☐ SAT mounts to the mounting brackets with 4 bolts for easy removal
- ☐ The entire unit fits all standard 8' foot bed pickup trucks with 33" minimum, 36" maximum height.
- ☐ The entire unit (empty) including optional sweep lid kit and slide lifter weighs approximately 4550 lbs. (6 yard model 50/50 body, with slide lifter, and optional sweep lid kit).
- ☐ The SAT has built in forklift points for easy and safe installation and removal.
- ☐ The SAT unit is secured to the mounting brackets by bolts with locknuts.

Performance

- ☐ The dump body has a HD capacity to dump 2,000 lbs per side. (Please be sure the truck you select is capable of handling the combined load of dumper and contents, for a total of 9,000 lbs minimum).
- ☐ The cycle time for the cart lifter is approximate 6 to 8 seconds.
- ☐ The dump body ejects the contents at a 45 degree dump angle.
- ☐ Rearward heavy duty truck-style rubber bumpers protect the cart lifter during dumping operations.
- ☐ Rubber stops cushion the dump body on way up and way down, reducing noise and impact.
- ☐ Rubber stops under the tarp arms reduce noise and impact.

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Dimensions

- ☐ SAT body & frame is 112" long overall, 89 ¼" overall width.
- ☐ Overhead clearance of the SAT is 49 3/8", above the truck bed floor.
- ☐ Ground clearance of the SAT with a cart lifter is 17 ½".

Finish

- ☐ Frame, Body, and Lifter are all powder coated.
- ☐ All hardware is zinc-plated.
- ☐ Hydraulic cylinders have black finish body, hardened chrome rods.

Options

- ☐ Full 6yd body is standard, 50/50 split body is optional.
- ☐ Self-retracting Mesh Tarp.
- ☐ Cart Lifter for standard US-style ANSI Type B carts having 2-bars, 36-96 gallon in size, 400 lb. lifting capacity. Lifter has 2 year limited warranty.
- ☐ Cart Lifter with grabber arms, which may grab typical ANSI carts, as well as 55 gallon drums and other various sized/shaped containers having a diameter not exceeding 26" and having a round body. 400 lb. lifting capacity. Lifter has 2-year limited warranty.