

DONOVAN OX TARP SYSTEM SPECIFICATIONS

Adjustable, hydraulic, automatic truck mounted covering system for 10 to 40 cubic yard roll off containers to be Donovan Enterprises' OX model with stationary (#3074) or telescoping (#3075) tarp tower and automatic sliding pivot point adjustment.

INSTALLATION AND OPERATION

- All main components and brackets are pre-assembled at the manufacturer.
- Hydraulic valves, fitting, hoses and tarp included in complete kit.
- Base assembly hydraulically raises tarp 8 feet above truck frame.
- Tarp is automatically deployed using steel pivot arms on each side of the container hoist driven by hydraulic cylinders.
- Operator adjusts resting point of tarp roller for varying container sizes using hydraulic valve levers to change the pivot point location of the tarp arms.

TARP TOWER ASSEMBLY

1-stage stationary tower or 2-Stage telescoping tower capable of raising tarp 8 feet above truck frame utilizing one 3000-psi hydraulic cylinder.

- Single stage tower legs are 2 ½" square steel tubing with 7-gauge walls
- 2-stage base assembly legs are 3" and 2 ½" square steel tubing with 7-gauge walls.
- Single hydraulic cylinder with 1 ½" bore and 42" stroke, welded construction with integral mounting flange. Cylinder maximum operating pressure is 3000-psi.
- Bolt-on steel roller cradle holds and supports tarp roller when container is uncovered.

TARP ROLLER ASSEMBLY

- 1" diameter zinc plated steel tube shaft
- 5" OD extruded aluminum tarp tube with integrated tarp attachment groove. Tarps are attached by sliding the plastic spline end of the tarp into the tarp groove in the roller tube. No drills or screws required.
- Aluminum tarp roller end caps with integral sealed bearings at each end.
- Integral ratchet device at driver's side of roller bar allows for safe, easy adjustment of tension in roller bar spring. Tarp can be replaced safely by one person.

PIVOT ARMS

- 2-piece steel pivot arms (upper and lower) bolted together for ease of repair or replacement.
- Lower arm constructed of 3" x 3" x 3/16" center gusseted steel tube transitioning to 3" x 1.5" x 3/16" steel tube.
- Upper arm constructed of 4" x 2" x 3/16" steel tube
- Upper arm designed with 45 degree bend for low-profile
- Tarp arm stabilizer bar constructed with 1 ½" schedule 40 round steel tube (1.90" OD with 0.145" wall).
- Passenger side upper arm fitted with Donovan "safety ratchet tensioner" to allow operator to safely increase or decrease tarp spring tension.

HYDRAULIC VALVES

- Complete # 3074 OX system (fixed tarp tower) includes:
 - Priority flow control valve
 - 2-spool manual control valve
 - Two 50/50 flow divider valves
 - All necessary hoses and fittings
- Complete # 3075 OX system (telescoping tarp tower) includes:
 - Priority flow control valve
 - 3-spool manual control valve
 - Two 50/50 flow divider valves
 - All necessary hoses and fittings

TARP

- Each OX system includes a # 4465 tarp constructed of Mighty Mesh material.

COATING

- All steel components finished with a primer and a gloss enamel finish (black).

HARDWARE

- Covering system is to be supplied with all of the nuts, washers, bolts, mounting brackets, installation instructions and miscellaneous hardware necessary to install the mechanism onto the truck frame.