

Donovan Enterprises
“5000SU”
CAB LEVEL OPERATED TARPING SYSTEM

This truck covering system is to be known as Donovan Enterprises model 5000SU. This system can be used on 10 to 18 foot bodies.

SYSTEM WEIGHT

The complete 5000SU as packaged weighs 110 lbs. and comes in two boxes.

CAB LEVEL DRIVE SYSTEM

Covering system to be operated with a cab level crank assembly mounted on the driver's side roller assembly bearing plate. The crank assembly consists of a turn away crank handle with a $\frac{1}{2}$ " shaft that fits through the $\frac{1}{2}$ " bearing plate assembly and directly into the end of the roller bar. A safety brake spring is included to control the speed of the system when the tarp is being deployed over the load.

ROLLERBAR ASSEMBLY

Roller bar assembly is a one-piece steel 1" tube with a $\frac{3}{4}$ " steel shaft welded into one end, 96" in length. Roller bar has a $\frac{1}{2}$ " inside diameter. $\frac{1}{8}$ " steel bearings plates with $\frac{1}{2}$ " diameter, self-aligning, sealed flange bearings mount on cab shield to support right and left roller bar sections.

Optional Extruded Aluminum Roller Bar Assembly is a one-piece extruded aluminum design, 96 inches in length. Roller bar has a $\frac{1}{2}$ " inside diameter. The extrusion pattern is such that a tarp may be installed using a spline, sheet metal screws or through bolts.

WIND DEFLECTOR ASSEMBLY

Optional wind deflector is constructed of 2 pieces of 16 gauge galvanized steel, and adjustable to accommodate various widths of roller bar. Wind deflector to be mounted on cab shield in front of roller bar assembly to facilitate airflow over tarp.

PIVOT ARM AND SPRING ASSEMBLY

The pivot arms are constructed in a 2-piece configuration. The lower pivot arms are straight, 96" long, and constructed of 1 $\frac{1}{4}$ " - 14 gauge galvanized steel tubing. The upper arms have two bends, 60" long (before being bent), and are constructed of 1" - 14 gauge galvanized steel tubing. The upper arm is bent to allow for insertion of arms into the rear cross piece. The rear cross piece is straight, 96" long, and constructed of 1- $\frac{1}{4}$ " 14-gauge steel tubing. The underbody spring assembly consist of extension springs 12" in length, attached to the base of each pivot arm and the lower rail of the dump body with articulating spring mounting brackets.

FINISH

All steel components to be finished with a black primer coating.

HARDWARE

Covering system is to be supplied with all of the nuts, bolts, mounting brackets, installation instructions and miscellaneous hardware necessary to install the mechanism onto the truck body. All hardware is of grade 5 or higher.