

Donovan Enterprises
“Hammer”
ELECTRIC OPERATED TARPING SYSTEM

Truck covering system to be Donovan Enterprises model 2942 (Hammer) for use on 10 foot to 23 foot bodies.

SYSTEM WEIGHT

The complete Hammer as packaged weighs 175 lbs, is weight class 55, and comes in one box.

ELECTRIC DRIVE SYSTEM

Covering system to be operated by either a 12 or 24 Volt electric direct drive motor (no chain or sprockets) with a 90:1 reduction ratio. Motor is to be mounted to a motor mount bracket supporting the tarp roller bar on the driver's side. Motor has a " diameter drive shaft. Electric kit supplied with a minimum of 60 feet of dual conductor wire and dash plate with forward and reverse action solenoid switch with an automatic reset circuit breaker. Motor protected by chromed plastic cover to prevent damage from weather and for improved appearance.

ROLLERBAR ASSEMBLY

Roller bar assembly to be a one-piece extruded aluminum design 96 inches in length. Roller bar has a " inside diameter. The extrusion pattern is such that a tarp may be installed using a spline, through bolts, or "- 20 threaded bolt. One eighth inch steel bearings plates with a " inch diameter sealed flange bearing mounts on cab shield to support roller bar.

WIND DEFLECTOR ASSEMBLY

Wind deflector to be constructed of 2 pieces of 16 gauge galvanized steel, and adjustable to accommodate various width 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 TORSION SPRING ASSEMBLY

The pivot arms are constructed in a 2-piece straight arm configuration. The lower pivot arms are 60" long and are constructed of 13 gauge steel tubing with an outside diameter of 1.69". The upper arms are 14 gauge steel tube with an outside diameter of 1.315". The upper arm is bent at a 90 degree angle for insertion into the rear cross piece. The bend is at 99 " such that the shorter leg is 11 ". The rear cross piece is constructed of 13 gauge steel pipe with an outside diameter of 1.69" and 96 inches in length. The heavy duty silicone chrome torsion springs are .625" wide and have a coil diameter of 3.46". Each unit (two per system) uses 4 springs, mounted side by side within the lower paddles of the lower arm assembly. Pivot arm mounting brackets are constructed of steel with 1 shaft. This shaft supports the lower pivot arm and spring assembly.

FINISH

All steel components are finished with a two part alkyd enamel primer and two part alkyd enamel finish (black).

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.