7000GL Specifications

Truck covering system to be Donovan Enterprises model 7000ELD for use on 10 foot to 20 foot bodies.

SYSTEM WEIGHT

The 7000ELD weighs 165 lbs, is weight class 55, and comes in two boxes.

GROUND LEVEL DRIVE SYSTEM

Covering system to be operated with a ground level control box mounted on the side wall of the dump body, driver's side. The control box has sealed bearings and a spring loaded disengaging crank handle. The safety brake handle is mounted on control box shaft with synthetic brake pad acting as an intermediate barrier between the braking surface and rotation shaft. Brake handle must provide enough force to immediately stop the movement of the pivot arms when operator's hand is depressing brake handle at any point through out the pivot arm's full range of motion. The control box has secondary positive locking system in addition to brake handle. The control box sprocket is mounted inside of control box housing and has 20 teeth. The roller bar sprocket has 18 teeth. Both sprockets are to drive #40 chain. All chain guards are to cover front, rear, side and top of entire length of chain and top sprocket.

ROLLERBAR ASSEMBLY

Roller bar assembly to be a one-piece extruded aluminum design 98 inches in length. Roller bar has a ¾" inside diameter. The extrusion pattern is such that a tarp may be installed using a spline or through bolts. One eighth inch steel bearings plates with ¾" inch diameter, self –aligning, sealed flange bearings mount on cab shield to support roller bar.

WIND DEFLECTOR ASSEMBLY

Optional Wind deflector is 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

Pivot arms are constructed in a 2 piece bent arm configuration. Pivot arms are constructed of 1 ½" inch square, 14 gauge steel tubing. Bent arm extensions are constructed of 1 ¼" square, 14 gauge steel tubing with 45 degree bend 36 inches from pivot arm inserted side and a 90 degree bend 8 inches from rear cross piece inserted side. Rear cross-piece is constructed of 1" square, 14 gauge steel tubing, 88 inches in length. Wire diameter is ½" chrome silicon torsion springs, wound with a 4 ½" diameter, must slide freely up inside of pivot arms without permanent attachment. Pivot arm mounting brackets are constructed of a 4" diameter steel drum with a 1" diameter solid steel center shaft, secure pivot arms and torsion springs to side of truck body. Base of pivot arm rides on a self lubricating bushing and attaches to the center shaft with a 1" washer and ¼" by 3" cotter pin.

FINISH

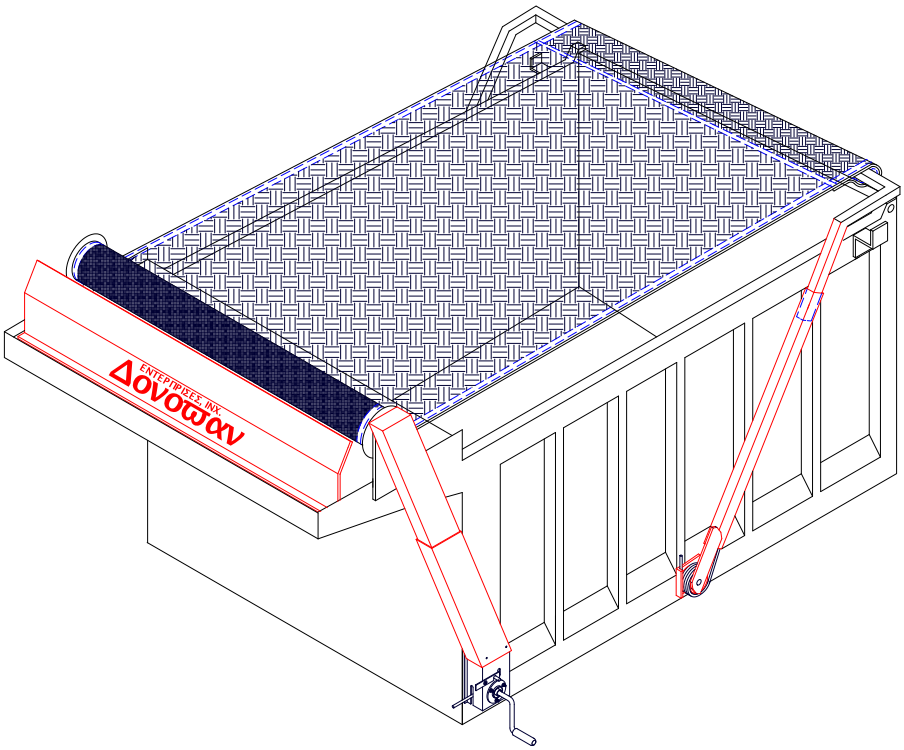
All steel components must be finished with a black primer coating.

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.

PARTS LIST

		Qty	Part #
7000 GL, Complete System		**1**	**1294**
Pivot Assembly			
	Pivot Arm, 7000, Left Side	1	1671
	Pivot Arm, 7000, Right Side	1	1669
	Pivot Mount, 70 / 90	2	781
	Washer, 1"	4	182
	Spring, Torsion, 1/2", Right	1	263
	Spring, Torsion, 1/2", Left	1	702
	Bearing, Oil Impregnated, 1"	2	1665
	Bent Arm, 7000, Left	1	1344
	Bent Arm, 7000, Right	1	1346
	Pivot Arm Rest (Optional)	2	952K
	Rear Cross Piece	1	1348
Field Mounting Cotter Pins		6	2475
Head Assembly			
	Bearing Plate, Steel	2	3270
	Bearing, Flange, ¾"	2	145
	Shaft / Sprocket Assy	1	2403
	Roller Bar, Extruded Aluminum	1	2365
Assembly Hardware			
Field Mounting Hardware			
GL Control Box			
	Control Box, 7000 / 9000, Complete	1	780
	Chain, # 40 x 10'	1	793
	Chain, Master Link, # 40	1	272
Field Mounting Hardware			
Chain Guard			2083
	Chain Guard Bracket	3	1412
	3' Upper Chain Guard	1	790
	3' Lower Chain Guard	1	791
Field Mounting Hardware			
Wind Deflector	Optional	1	1647K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