O'BRIAN
ISO 9001 COMPANY
TARPING SYSTEMS

OTS™

Patented & Patents pending.

Works Smarter. Lasts Longer.

BEST VALUED AUTOMATIC TARPING SYSTEM.

Fastest tarp replacement system on the market!

- Pre-plumbed modular assembly for fast & easy installation.
- Our patented elbow upper arms enable the operator to place the roller on the rear of the container (10 to 50 cubic yard containers or lengths from 16' to 24'). This reduces tarp replacement and prevents debris blowing out the rear.
- All pivot points utilize a through nut with tap bolt for precise, even arm torque and incorporate multiple grease zerk fittings for proper pivot lubrication and maintenance.
- NO VALVING (diverters or divider combiners) required for proper arm sequencing or adjustable controls needed to control freefall.
- O'Brian gives you control options (lever, or joystick & inside controls).
- Approximate installed weight is 1050 lbs.

Fewer Components, Fewer Issues, Easier Troubleshooting!

OTS™ Specification Sheet

GANTRY

- Tarp cradle is ⅛" x 7½" x 4⅜" x 96" steel windscreen for tarp protection.
- Cradle support legs 3"x 3" x 3/16" Grade A5 steel tubing. ⅜" top plate with ½" grade 5 fasteners and a ½" bottom plate with ⅝" grade 5 fasteners.
- Neoprene cushion pad mounted between the cradle and the gantry legs which allows for flex.

UPPER ARMS (articulating pivot elbow)

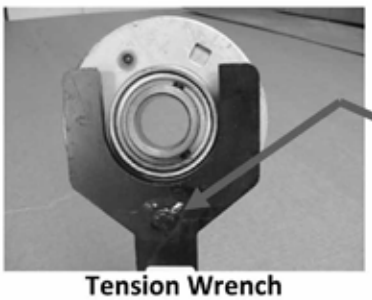
- Upper arms are constructed of 1½" x 2½" x ⅛" " Grade A5 tubing with a greaseable pivot point. All pivot points utilize a Through Nut and Tap Bolt
- The upper pivot cylinders are double acting and have an 11½" stroke, 2" bore, with a 1¼" induction hardened chrome rod. Cylinders are rebuildable and utilize grease zerk fittings on rod ends for pivot maintenance.
- Arm deflector is ⅛" x 6¼" x 39 ½" steel.
- Stabilizer Bar is offset to allow for arm flex and give lateral support to tarp arms. Constructed of 1½" x 2½" x 3/16" Grade A5 steel tubing.
- Spring loaded roller assembly is mounted between the articulating pivot elbow arms. Roller is constructed of 4" x ⅛" aluminum DOM tubing, 1"solid steel shaft, sealed style ball bearings, and a torsion spring wrapped in a sound deadening sleeve.
- Articulating pivot elbow has 64" of hydraulic adjustment. The actuating cylinder is mounted externally below the arm and utilizes self lubricating fiber bushings at the pivot point.

LOWER ARMS (two sections)

- Bottom section is constructed of 2" x 3 "x 3/16" grade A5 tubing with a slide in middle section (for adjustability) constructed of 1½" x 2½" x ¼" grade A5 tubing. The pivot point is greaseable for maintenance and durability.
- The lower pivot point cylinders are double acting with a 24" stroke, 2" bore, with 1¼" induction hardened chrome rod. Cylinders utilize grease zerk fittings on both ends for pivot maintenance and are rebuildable.
- Pivot Modular Assembly is a fabricated weldment. Top and sides are fabricated from ¼" plate steel. The base is fabricated from 2½" x 2½" x ¼" tubular steel. The pivot consists of a Through Nut and Tap Bolt for simplicity while utilizing a grease zerk for maintenance.
- Pivot Modular Mounting Brackets are constructed of 3" x 3" x ¼" Grade A5 tube steel. The tubular weldment includes 4" x 6" x ¼" gussets for additional support and stability

CONTROLS & MISC.

- The Priority valve has a 1.5-1.8 gallons per minute constant flow that includes an integrated adjustable relief valve; all ports are o-ring boss and **includes a gauge port** for easy verification of system pressure and adjustability.
- The control valve shall be open centered, joystick (or lever) operated, and have an externally adjustable relief valve.
- The mesh cover is 9'-6" by 28' with side flaps sewn in with memory to make the cover 8' wide for rolling up on to roller. The cover is high quality with 9' x 10' of 14oz vinyl reinforcement on the front end for wear protection against container.
- All hoses are abrasion resistant.



Tension Wrench

(holds tension when changing tarp)

Industries Best Built Roller

"Tarp replacement time is dramatically reduced with the O'Brian roller line."

Run the tarp out (rearward and down). With a co-worker, hand pull the tarp the rest of the way out. Then place the pin of the tension wrench (left image) into the cut out on the roller (right image) and allow to rest against the stabilizer bar. Replace the tarp, then release the tension on the wrench and remove it. Return the tarp to the cradle (it automatically rolls up). SIMPLE!

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