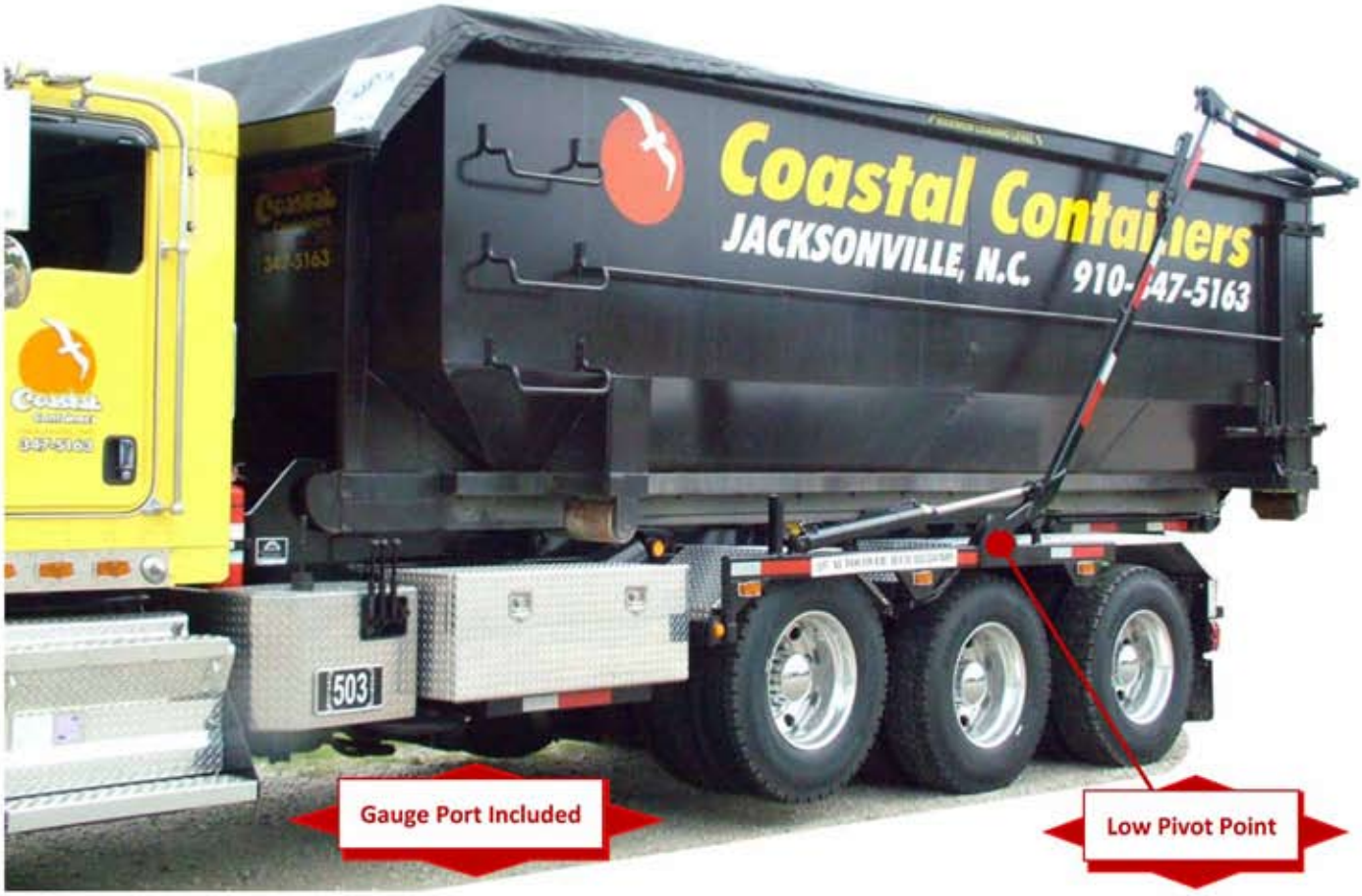
O'BRIAN
ISO 9001 COMPANY
TARPING SYSTEMS

AUTOCOVER II-CH™

Patented & Patents pending.

Works Smarter. Lasts Longer.™

WORKHORSE OF THE AUTOMATIC TARPING SYSTEMS



- The lower pivot points incorporate the master/slave cylinder system for precise controlled arm movement. Double acting cylinders are utilized on the upper arms.
- Our patented pivoting elbow upper arms enable the operator when the container is all the way forward 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 from the rear of the container.
- Greaseless pivot points utilize a self lubricating fiber bushing. No longer do you have to deal with weekly or monthly greasing for proper pivot lubrication and maintenance.
- NO VALVING (diverter 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 install weight is 1150 lbs.

Fewer Components, Fewer Issues, Easier Troubleshooting!

AutoCover II-CH Tarper™ Specification Sheet

GANTRY

- Tarp cradle ⅛" x 7½""x4¾" x96" 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 ⅜" grade 5 fasteners.
- Neoprene cushion pad mounted between the cradle and the gantry legs which allows for flex.

UPPER ARMS (articulating pivot elbow)

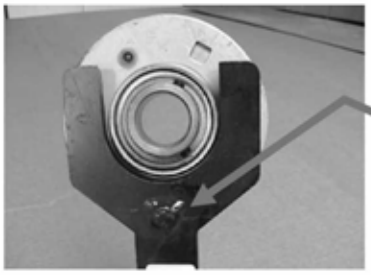
- Constructed of 1½x 2½" x 3/16" Grade A5 steel tubing with self lubricating fiber bushing at the pivot point.
- The upper pivot cylinders are double acting with a 11½" stroke, 2" bore, and utilizes a 1¼" induction hardened chrome rod and are rebuildable.
- Arm deflector is ⅛" x 6¼" x 39 ½" steel
- Stabilizer Bar is offset and constructed of 1½" x 2½" x 3/16" Grade A5 steel tubing for lateral support to tarper arms.
- Spring loaded roller assembly is mounted between the arms. Roller is constructed of 4" x ⅛" extruded aluminum DOM tubing, 1" solid steel shaft 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 a self lubricating fiber bushing at the pivot point.

LOWER ARMS (two sections)

- Top section is constructed of 1½" x 2 ½" x ¼" Grade A5 steel tubing which slides into the bottom section (for adjustability) being constructed of 2" x 3" x 3/16" and 2" x 3" x ¼" grade A5 angled tubing and utilize a self lubricating fiber bushing at the pivot point.
- The lifting cylinders utilize a Master/Slave hydraulic cylinder arrangement which are perfectly matched for synchronous arm operation. They have a 30" stoke, custom bores, with induction hardened chrome rods and utilize a rephrasing port for arm sequencing and bleeding.
- Pivot Bracket is a fabricated tubular weldment. The foundation tube is constructed of 2" x 4" x ¼" Grade A5 tube steel. The side plates are constructed of ½" plate steel for lateral support and the forward and rear arm rests are constructed of 1½ " x 1"½ x 3/16" tube steel.

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 is open centered, joystick (or lever) operated and have an integrated 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 a 9'x10' of 15 oz vinyl reinforcement on the front end for wear and abrasion 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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