



THE FRONTIER FRONT LOADER

Seeking New Front Loader Technology?

Look No Further!



The First Bridgeport Automated Front Loader Featuring The U-Can System. Ask Your Dealer For Details.

- ◆ **The Optional Piston Pump** shuts itself off when there are no functions activated and all downstream flow is stopped resulting in little to no oil leaks from hose breaks. Other advantages of the piston pump; it doesn't require any horsepower when in the off position resulting in better fuel economy and unlike gear or vane pumps, the piston pump will stop flowing oil if a hydraulic valve gets stuck preventing system overheat.
- ◆ **Tapered Hoist Body With Deep Packer Penetration.** The packer cylinders are designed to push the packer 20" further into the body than any competitors body. The combination of a tapered wider body and deeper penetration means loads won't stick when dumping. This also means the body need only be hoisted to a safe 30 degree angle. The lower dump angle is accomplished with the long forward mount hoist cylinders. The farther forward the hoist cylinders are mounted the more stability for dumping even in the roughest landfills.
- ◆ **Wider Body.** Roof mounted tailgate cylinders allow the rear of the body to be built wider and allow for body tapering resulting in easier discharge.
- ◆ **Inverted Floor Cross Members** allow from 60 to 90 percent more floor plate support.
- ◆ **Extra Wide Floor Wear Strips** formed from Hardox 450 for 40% more wear surface.
- ◆ **Packer Improvements:** Adjustable robust UHMW Wear Pads on the packer shoe guides are easily shimmed or replaced in minutes without removing the packer blade. Front mounted packer cylinder pins are removed safely and easily from the tailgate side of the packer face. The packer follower shelf allows the operator to see if trash is coming up and over the top of the packer. The operator can stop and retract the packer to clean off the follower as it passes under a rubber wiper in the home position.
- ◆ **Aluminum Canopy and Roof Access Ladder as well as Plastic Fenders** provide lightweight, rust proof protection.
- ◆ **For Full Eject Enthusiasts:** Longer pack cylinders mount through the faceplate for easy maintenance and a longer big stage stroke. Competitor models shift into the smaller second stage reducing the compaction force by up to 25% at the critical packing point. Mounting the cylinders through the packer instead of behind allows Bridgeport to build the largest full eject front loader on the market today.

Front Loader - Specifications

► SIMPLICITY BY DESIGN

Standard features on all models:

- * Vane type pump flows 42 GPM @ 1200 RPM
- * Hopper Access Door
- * 10,000 lb. Capacity Arms
- * Automatic Tailgate Locks
- * Twelve Month Warranty

► STEEL SPECS

◊ Hopper Floor	1/4" AR-400
◊ Lower Hopper Sides	3/16" AR-400
◊ Body Floor	3/16" AR-400
◊ Tailgate / 1st 24" of Roof	3/16" AR-235
◊ Upper Hopper Sides	12 ga High-tensile
◊ Rear Roof	10 ga High-tensile



Standard Lightweight Models: (for weight conscious applications)

PC-40 / 40 cu yds (including 12 cu yd Hopper)
PC-45 / 45 cu yds (including 12 cu yd Hopper)

Standard Heavyweight Models: (increase in relative steel thickness)

AC-40 / 40 cu yds (including 12 cu yd Hopper)
AC-45 / 45 cu yds (including 12 cu yd Hopper)

Hydraulic Cylinders

- ◊ Arm 4" bore x 42" stroke *
- ◊ Fork 3" bore x 24" stroke *

* Arm and fork cylinders bores decreased and stroke increased for more power, smoother operation and less wear on pivot bushings and pin eyes. Pin sizes increased for safety and longevity

- ◊ Pack (40 yd eject) 6-1/2" bore x 184" stroke
- ◊ Pack (45 yd eject) 6-1/2" bore x 202" stroke (longest stroke offered in the industry)
- ◊ Tailgate (roof mount) 3" bore x 18" stroke

Contact Your Local Dealer

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