

The **Builtrite™, Model 1380-TM** is designed for highway contractors, general contractors and foundation drilling contractors. It offers superior, pilot operated controls, comfort and safety features. It excels at lifting and loading mats, construction equipment, pipe, concrete slabs, etc.



Model 1380-TM In Stored Position



Model 1380-TM Tail Mount



Model 1380-TM Unloading Concrete Pipe

Model 1380-TM Specifications

WARRANTY

4000 Hours or 2 Years, whichever occurs first.

BOOM DATA

- 1] Fabricated Main & Jib Boom, made from high tensile steel.
- 2] Boom Length - Three options: 23'4" straight or 23'4" with 3' telescopic section & 26' straight.
- 3] Two high powered, LED lights mounted to each side of upper jib boom. Optional light mounted under the platform.
- 4] Aluminum bronze bushings on all pivot points. 3" boom pins and 2.5" cylinder pins for excellent surface area to force ratio.

HYDRAULICS & LUBRICATION

- 1] Pilot operated, pressure compensated load sense controls using a single, variable piston pump operating at 4,500 PSI. Requires 1450-1550 RPM at pump for maximum performance and efficiency.
- 2] Ergonomic joystick controls to alleviate fatigue.
- 3] 60 gallon hydraulic tank mounted to loader with easily serviceable, high capacity, in tank return filter.
- 4] High capacity, 12 Volt oil cooler with bypass.
- 5] Hydraulic oil cooler. 1/2 HP motor drives fan.
- 6] Hydraulic / Electric collector features 10 hydraulic passes and 8 electrical passes for operating a variety of attachments, magnets, additional lighting, etc.
- 7] Centralized grease system on operator platform.

BOOM CYLINDERS

- 1] Double acting, heavy wall, honed steel bore.
- 2] Wear rings on both pistons and glands.
- 3] Rods with heavy chrome plating.
- 4] Accumulator on main lift cylinder to cushion shock loading.

TOWER

- 1] Fabricated structure with enhanced access to hydraulic and electrical collector, with easily removable metal covers.
- 2] 18" wide ladder, featuring 2" deep rungs with Grip Strut™ treading for maximum traction/anti slip. Solid round, 3/4" diameter steel rod, hand grips.
- 3] The tower requires 42" of truck frame length for mounting.

PLATFORM

- 1] Platform rotates with operator for maximum visibility.
- 2] Ergonomic seat and joystick pilot controls for maximum comfort.
- 3] Safety guard rail around operator and heavy duty, front shield.
- 4] Comfortable, fold down operator's seat with seat belt.

MINIMUM TRUCK FRAME REQUIREMENT

3.57 MIL INCH POUNDS

SWING SYSTEM

- 1] Continuous rotation using heavy duty, 39" rotation bearing.
- 2] Hydraulic motor/gearbox capable of providing 6 RPM and 14,327 Ft. Lbs. of torque.
- 3] Foot operated swing control.

STABILIZERS

- 1] Two Options: Fold-Away Style and A-Fram Style. Both are independently operated, allowing the loader to be operated on uneven surfaces. Controls located on operator's platform.
- 2] Stabilizer leg pins and cylinder pins are easily accessible.

MISCELLANEOUS

- 1] The weight of the loader, minus the attachment is 10,000 Lbs. (4,545 Kg.)
- 2] Builtrite offers a wide variety of attachments to suit numerous applications.
- 3] Mounting bolts, Cooler and Hydraulic Tank are included in the price of the loader.
- 4] Standard colors are Builtrite yellow, white or black. Custom colors available upon request.

OPTIONS

- 1] Two, Truckbed Options
 - 1a) Tool Box Option
 - 1b) Pin Box Option
- 2] Hydraulic Hose Reel
- 3] Air Hose Reel
- 4] Grounding Studs
- 5] Remote Stabilizer Valve

LIFT CAPACITY (w/ 23'4" with 3' Telescopic Boom Less Attachment)

1] @ 10' High, 15' Out	13,148 Lbs. / 5,976 Kg.
2] @ 10' High, 20' Out	10,409 Lbs. / 4,731 Kg.
3] @ 10' High, 25' Out	7,773 Lbs. / 5,591 Kg.

