

April 13, 2018- Updated: December 20, 2018

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REF: Replacement of Prentice Tamping Crane for City of Killeen

Pursuant to your recent inquiry, we are pleased to quote you the following Bultrite Material Handler:

One (1) Bultrite Model 2100 Stationary Electric Material Handlers with Remote Power Units and Dual Remote Operator's Stations



***Lift and Compaction Capacities with 27'6" Hip Boom**

Avg. Lift Capacity of 2100

18,800 @ 10' Radius
12,700 @ 15' Radius
9,500 @ 20' Radius
6,600 @ 25' Radius

Avg. Tamping Force of 2100

11,000 Lbs @ 10' Radius
7,400 Lbs @ 15' Radius
6,000 Lbs @ 20' Radius

Note: Deduct Grapple Weight from Lift Capacities and add grapple weight to compacting forces

***Boom**

- Two-Piece Hip-Style Boom (Length to be determined, per pit design) w/ Tilt linkage for grapple
- Main boom fabricated from Hi-tensile steel w/ 3/8" thick Side, 1/2" thick top & bottom plates
- Jib Boom fabricated from Hi-Tensile steel w/ 1/2" thick Side, Top & Bottom plates
- 3" Pins at Main boom & Knuckle Pivot from 4140 TG&P material
- All boom pivot pins have aluminum bronze bushings

***Boom Cylinders**

- Two (2) 6" (152mm) bore x 36" (914mm) stroke x 3" (76mm) rod main boom cylinders.
- One (1) 7" (178mm) bore x 36" (914mm) stroke x 3.5" (89mm) rod, jib boom cylinder.
- Double acting, heavy walled, honed cylinder tube with cushioned stops.
- Wear rings on both pistons and glands.
- Rods with heavy chrome plating.
- Accumulators on main lift cylinders to cushion shock loading.

***Rotation**

- 5.3 RPM with Dual Motors
- Up to 310° Rotation on 38" Diameter Bearing. Electrical & Mechanical can be set to customer preference. Dual Swing Motors with Planetary Swing Drives.

***Base**

- 35" high pedestal base with inspection porthole.

***Electric Package**

- Starter, phase sequence, control accessories group, breaker in N.E.M.A. 4 enclosure, start/stop button on control console, disconnect.

***Controls**

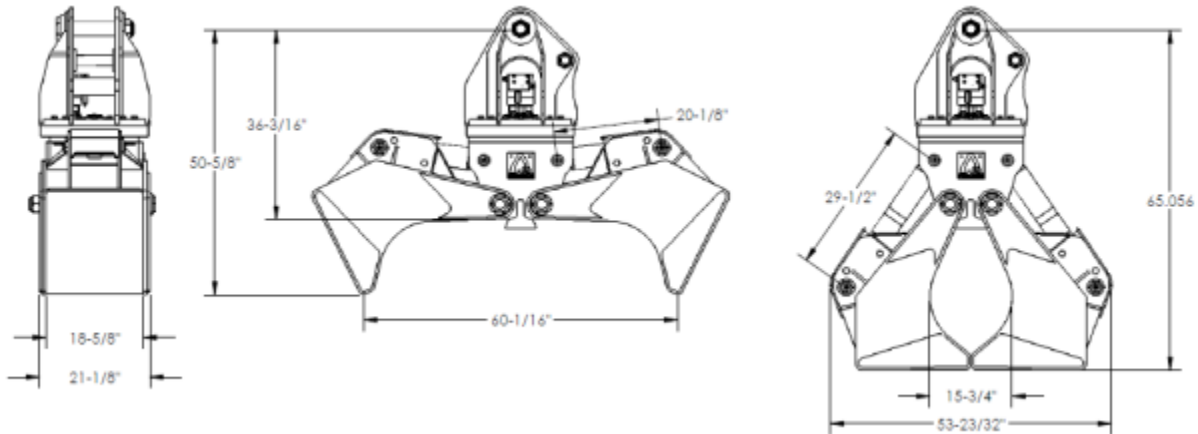
- Controls will be equipped with a Parker IQAN controller/MD3 Monitor. This system provides visual, basic machine functions and the ability to control machine speed (1/2, ¾ or Full) and provides multiple joystick configurations to match operator preference.
- E-Stops at operating station.

***Miscellaneous**

- Quote includes 25' of hosing from Power Unit to Loader
- Quote includes up to 100' electrical line(s) from operating console/remote cab to power unit
- 2 Sets Complete Manuals
- **Electric Soft Start**

*** Grapple Attachment**

- 21" Trash Handling/Tamping Grapple
- Continuous rotation w/ Wristing head on 20" bearing w/ single rotate motor. Approximate Dimensions 21" Wide, 56" Opening
- 1-1/2" Diameter Cylinder & 2" Arm Pivot Pins 4140 material
- Two (2) 3-1/2" x 10" Cylinders w/ 2" Rods
- Bolt-on cylinder guards



***Warranty**

- Standard, 4000 hours or 2 years, whichever occurs first.

***Pricing (in US Funds-Each)**

COMPONENT	NET PRICE EACH
Model 2100-SE with Remote Power Unit	\$ 185,400
Custom pedestal to match Prentice, including rubber pad, spacers and hardware	\$ 8,850
21" Trash Tamping Grapple	\$ 20,160
Hydraulic Hose – Power Unit to Loader – 40' (30' included in price of loader) 10' additional x \$ 195/foot	\$ 3,280
Inbound Freight to Killeen, TX	\$5,650
*Electric Soft Start	14,585
*Installation Assistance & Training	\$ 5,750
TOTAL COST (Less item in Note 1 below)	\$243,675.00

***Notes**

- The following items **are not included** in the quotation, and are the responsibility of the City of Killeen:
 - Crane Rental.
 - On-site Electrician to assist with install.
 - Machinery grouting for pedestal base mounting.
 - The pedestal base foundation and mounting bolts.
 - Customer to have Power supplied to pedestal base of material handler.
- *Installation Assistance & Training to include 3 full days on site to assist in the installation of the Bultrite Model 2100-SE. The 3rd day will be used for maintenance/service and operations training. If the maintenance and operational training schedule does not work for the City and thus, an additional trip is required, an additional charge of \$ 3,000 will be applied (includes airfare, hotel, meals and 1 day on site).
- The Payment Terms are: 35% Down payment with order, 55% due prior to shipping and 10% due after installation.
- Freight: F.O.B. City of Killeen Transfer Station**

FSEI Dallas
5524 West Ledbetter Dr.
Dallas, TX 75236
Toll Free: 866-270-1700
Local: 214-388-1700



FSEI Houston
8111 Mills Rd.
Houston, TX 77064
Toll Free: 800-234-5007
Local: 281-807-9777

6. A Civil Engineer will need to be consulted to ensure that the mounting foundation will be adequate for the Bultrite Model 2100 Stationary Electric Material Handler. The base design loads are:
 - 350,000 Lb-Ft Moment Load
 - 38,000 Lbs. Axial Load
 - 21,000 Lb-Ft Torsional Load
7. Delivery: Approximately 12-14 weeks after receipt of order, down payment and sign off of engineering drawings. A firm lead time will be given at the time of order.
8. **Quotation to remain valid for 60 Days.**

****Note:** Four Seasons Equipment LLC was awarded items listed on the Buyboard Contract 515-16.

Thanks again for your inquiry

Brad Brousseau
VP-Operations
Four Seasons Equipment, LLC.