## QUOTATION

**TO:** CANADA–FRANCE–HAWAII TELESCOPE CORPORATION  

**DATE:** July 18, 1977

**Address:**

Suite 206  
100 Pauahi St  
Hilo, Hawaii 96720

### QUANTITY | DESCRIPTION | PRICE
--- | --- | ---
1 Only | BARRETT MODEL RET-30 ELECTRIC LIFT TRUCK as follows:  
- **CAPACITY:** 3,000 lbs @ 24" Load Center  
- **MAST:** 2 Stage Standard Roller Construction  
  118" Lift Height  
  77" Lowered Height  
  15" Free Lift  
- **CARRIAGE-FORKS:** 32" Wide Hook type with load backrest extension  
  48" High 42" Long Pallet Forks.  
- **DRIVE SYSTEM:** 24 Volt with Silicon Control Rectifier (SCR)  
  Travel Control for smooth inching control and improved battery efficiency.  
- **BATTERY:** EXIDE 24 Volt Model 12EL20-9 480 Amp Hour Capacity.  
- **CHARGER:** EXIDE model IBG 12-450, Single Phase to recharge above battery in approx 12 hours.  

  **FOB HILO** .................................................. **$ 11,863.00**

1 Only | BARRETT MODEL HX HAND PALLET TRUCK 4500 Lbs Capacity  

  **FOB HILO** .................................................. **$ 450.00**

### NOTE:

Above items are subject to prior sale. Unless otherwise indicated, prices are F.O.B. our yard, HILO; and are subject to prevailing prices at time of delivery, and applicable sales taxes.

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**ACCEPTED:**

By: [Signature]

*Subsidiary of Caterpillar Tractor Co.*

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**PACIFIC MACHINERY, INC.**  
**SUBSIDIARY OF THEO H. DAVIES & CO., LTD.**

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**CUSTOMER**
A powerful electric stand-up rider, counterbalanced, end control hi-lift fork truck

OVERALL HEIGHT OF 82"
INCLUDES OVERHEAD GUARD

LOAD WHEEL BRAKES
WHEEL BASES AS SHORT AS 35 1/4"
MODULAR ELECTRICAL SYSTEM
ONE HAND CONTROL
48 3/4" TURNING RADIUS
MODULAR HYDRAULIC SYSTEM

BARRATT
ELECTRONICS CORPORATION
630 Dundee Road
Northbrook, Illinois 60082
Telephone: 312/272-2300

DISTRIBUTED AND SERVICED BY

BULLETIN 1074
BARRETT design features:

1. Modular Hydraulics—Can be removed as one complete unit for total accessibility.
2. Modular Electrical System—Easily removed on one complete panel for workbench checkout.
3. Single Package Drive—Stationary motor, constant oil bath gear drive. Easily removed, if necessary, for work bench maintenance.
4. One Hand Controls—4 speeds forward, 4 reverse. Buttons on handle for lift and lower and mast tilt.
5. Load Wheel Brakes—Automotive type, internal expanding shoe with deadman brake.

BARRETT MODEL RET STACKER STAND-UP RIDER,

Advanced engineering concepts at BARRETT have led to the development of this powerful and rugged high lift forklift truck which has proven all-around versatility for narrow aisle stacking and "workhorsing" at the loading and receiving dock.

- Load wheel brakes put the stop at the load point. Breaking forces increase the floor contact pressures. Effective braking surface area is doubled over conventional motor braking. Brake shoe wear is greatly reduced through smooth hydraulic operation at the low load wheel speed. Mechanical clamping deadman brake prevents roll.

- Counterbalancing is a function of the extremely rugged design—not weight just added on—and, by eliminating the straddle legs through planned weight concentration, a wide variety of pallet sizes and materials can be handled in a very narrow space.

- 3 wheeled maneuverability plus 12" wheels and 200" drive wheel steering provides true narrow aisle operation.

- Simple construction cuts maintenance downtime. Easy access to hydraulic drive and electrical systems allows fast and convenient adjustments for optimum performance. Four bolts loosen entire hydraulic unit ... four bolts hold the entire electrical panel to the chassis ... four bolts hold the transmission to the chassis.

- Single right hand control handle for forward and reverse travel lets you choose 4 speeds either direction. This same handle contains push-button controls for one-hand operation of raising and lowering the load. An auxiliary lever permits feather-soft raising and lowering of the load. A safe and separate right hand lever tilts the mast at its base; 3 degrees forward and up to 8 degrees back. Tilt speed and lift and lower speeds are adjustable within the metered hydraulic system.

- Exclusive BARRETT drive system is in common use throughout the entire line of BARRETT electric powered vehicles. The powerful drive motor remains stationary, mounted firmly to the frame, and prevents the flexing of heavy power leads—only the gear-drive turns when steering.

- Dual voltage 12/24 volt tapped battery provides a variety of operating speeds for smooth acceleration and efficient battery usage.

- A Barrett electronic time delay controls the shift point between speeds. Handle and speed control design permit the operator to hold the truck in low speed for inching along with full speed capability for long runs.

- Load wheels are chassis mounted and the wheelbase is unaffected by mast tilt.
COUNTER-BALANCED, END CONTROL HI-LIFT FORK TRUCK

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>STANDARD BARRETT MODEL</th>
<th>RET-20</th>
<th>RET-25</th>
<th>RET-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>RATED CAPACITY .24&quot; Load Center</td>
<td>2000 lbs.</td>
<td>2500 lbs.</td>
<td>3000 lbs.</td>
</tr>
<tr>
<td>TELESCOPIC MAST:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift Height</td>
<td>118&quot;</td>
<td>128&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>Overall Lowered Height</td>
<td>77&quot;</td>
<td>82&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>Low Free Lift (TL)</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>High Free Lift (TH)</td>
<td>57&quot;</td>
<td>63&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>FORKS:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>30&quot;, 36&quot;, 42&quot;</td>
<td>SAME</td>
<td>SAME</td>
</tr>
<tr>
<td>Width</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>Span Adjustment</td>
<td>6&quot; to 30&quot;</td>
<td>8&quot; to 30&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>MAST TILT:</td>
<td>Forward</td>
<td>3&quot;</td>
<td>SAME</td>
</tr>
<tr>
<td>Backward</td>
<td>6&quot;</td>
<td>SAME</td>
<td></td>
</tr>
<tr>
<td>WHEELS:</td>
<td>Drive</td>
<td>12 x 4 1/2&quot; Barathane</td>
<td>12 x 4 1/2&quot; Barathane</td>
</tr>
<tr>
<td>Load</td>
<td>12 x 4 1/2&quot; Rubber</td>
<td>12 x 4 1/2&quot; Rubber</td>
<td>12 x 4 1/2&quot; Rubber</td>
</tr>
<tr>
<td>BRAKES:</td>
<td>Automotive type, internal expanding shoe, hydraulically operated front (load wheel) service and deadman brakes with mechanical override safety brakes in case of loss of hydraulic pressure.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRAVEL SPEED (MPH):</td>
<td>4 forward &amp; 4 reverse</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Empty</td>
<td>5.8</td>
<td>5.6</td>
<td>5.3</td>
</tr>
<tr>
<td>Loaded</td>
<td>5.0</td>
<td>4.8</td>
<td>4.5</td>
</tr>
<tr>
<td>LIFT SPEED (FPM):</td>
<td>Empty</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>Loaded</td>
<td>35</td>
<td>33</td>
<td>30</td>
</tr>
<tr>
<td>LOWER SPEED (FPM): (adjustable)</td>
<td>Empty</td>
<td>0-42</td>
<td>SAME</td>
</tr>
<tr>
<td>Loaded</td>
<td>0-60</td>
<td>SAME</td>
<td>SAME</td>
</tr>
<tr>
<td>BATTERY CONNECTOR:</td>
<td>ANDERSON SB-3</td>
<td>SAME</td>
<td>SAME</td>
</tr>
<tr>
<td>APPROXIMATE CHASSIS WEIGHT WITH 77&quot;-118&quot; MAST AND 42&quot; FORKS</td>
<td>4380 lbs.</td>
<td>4380 lbs.</td>
<td>4480 lbs.</td>
</tr>
<tr>
<td>BATTERY COMPARTMENT:</td>
<td>35&quot;x13 1/2&quot;x31&quot;H</td>
<td>SAME</td>
<td>SAME</td>
</tr>
</tbody>
</table>

*Less: Battery

**OTHER OVERALL LOWERED HEIGHTS AND LIFT HEIGHTS ARE AVAILABLE.**

Weight with batteries = 5,710lbs.

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1. Control Handle: Horn button, plus forward and reverse speeds, load lift and lower buttons.
2. Fork lift and lower lever for feathered control.
4. Foot operated load wheel brake pedal in deadman stop position.
5. Extra wide operator platform: easy entry and exit.
6. Battery compartment accepts up to 660 AH 24v Battery.
7. Safety Drive wheel steering control: 200° maneuverability.
8. Large capacity hydraulic fluid tank.
11. 12" diameter heavy duty load wheels.
12. Load wheel brakes.
13. Functional, counterbalanced styling.
14. Key Switch Lock and Hour Meter, standard.
15. Overhead guard (standard)
16. 48" high load backrest (standard)
BARRETT MODEL RET STACKER

**STANDARD BARRETT MODEL**

<table>
<thead>
<tr>
<th></th>
<th>RET-20</th>
<th>RET-25</th>
<th>RET-30</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>TURNING RADIUS</td>
<td>48½&quot;</td>
<td>48½&quot;</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>RIGHT ANGLE STACKING AISLE</td>
<td>DIMENSION E PLUS LOAD LENGTH</td>
<td></td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>EQUAL 90° INTERSECTING AISLE</td>
<td>With 36&quot; Fork Length</td>
<td>56½&quot;</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>WHEELBASE</td>
<td>35¼&quot;</td>
<td>35¼&quot;</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>VEHICLE LENGTH</td>
<td>To Front Face of Forks</td>
<td>58½&quot;</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>VEHICLE WIDTH</td>
<td>Across Frame &amp; Across Load Wheels</td>
<td>36&quot;</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>TOP OF GRADE CLEARANCE</td>
<td>34%</td>
<td>34%</td>
</tr>
<tr>
<td><strong>H</strong></td>
<td>BOTTOM OF GRADE CLEARANCE</td>
<td>34%</td>
<td>34%</td>
</tr>
</tbody>
</table>

*Add 6" to these dimensions for ease of operation*

Barrett products and specifications are subject to improvements and changes without notice.

**BARRETT DRIVE UNIT**

All Barrett electric trucks are powered through a vertical in-line single-package drive unit. This balanced power column is rigidly mounted to the truck frame—only the transmission turns for easy steering. Eliminated are long and inefficient power leads, high current collector rings and flexing electrical connections under strain.

**BARRETT ELECTRONICS CORPORATION**

*Where the difference is the drive*

630 Dundee Road
Northbrook, Illinois 60062
Telephone 312/272-2300

TWX 910-885-0007 Cable BARTRUK

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