

Utilities

200 Edenway, White House, TN, 37188
Phone: 800-672-4911 Fax: 615-672-0733

7/31/2006

Quote Number: 61810010

Tallahassee Electric Operation

2602 Jackson Bluff Rd
Tallahassee FL 32301

Attention: Terry Lowe

Phone: 850-891-5531

Fax: 850-891-5162

Qty.	Description
1	<p>One (1) new Terex-Utilities Hi-Ranger TL-38P Articulating / Telescoping Aerial Device designed to meet the latest industry standards and includes the following:</p> <p>Design Criteria:</p> <ul style="list-style-type: none">* Terex Utilities aerial devices are designed in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design. <p>Platform Leveling:</p> <ul style="list-style-type: none">* Leveling is provided by a master/slave cylinder system.* A control at the lower controls is provided to tilt the platform for clean out or personnel rescue. <p>Upper Controls:</p> <ul style="list-style-type: none">* 3D" one hand control is located on the platform.* The "3D" control activates main boom lift, boom extension, and rotation. A separate lever operates lower boom lift. A hydraulic stop is also provided. <p>Lower Controls:</p> <ul style="list-style-type: none">* Individual control levers are located in an accessible location on the turntable.* The lower controls activate lower lift, main boom lift, boom extension, rotation and leveling.* An upper/lower control selector provides override of platform controls. <p>Lower Boom:</p> <ul style="list-style-type: none">* Constructed of high strength, rectangular steel tube with a rectangular bi-axial epoxy resin filament wound, high strength fiberglass insert providing an insulation gap of 12 inches.* The lower boom articulation is from -5 to 78 degrees. <p>Upper Boom:</p> <ul style="list-style-type: none">* Aerial device upper boom is constructed of high strength steel with a rectangular bi-axial epoxy resin filament wound, high strength fiberglass insert.* Inner boom is rectangular bi-axial epoxy resin filament wound fiberglass.* The upper boom has a total insulation gap of 40" retracted and 51" extended.* The upper boom has an articulation of -14 to 80 degrees.* A boom rest with a ratchet type tie down strap is provided.

Description**Boom Interlock:**

- * To operate the boom the outriggers must be extended.

Lower Boom Cylinder:

- * Single, threaded end gland design, double acting hydraulic lift cylinder equipped with integral holding valve.

Upper Boom Cylinder:

- * A single double acting hydraulic lift cylinder equipped with integral holding valve.

Extension Cylinder:

- * A single double acting hydraulic lift cylinder equipped with integral holding valves.

Pedestal And Turntable:

- * The pedestal is of welded high strength steel construction and designed with access holes for maintenance of hydraulic plumbing.
- * The pedestal top plate and turntable base plate are machined from a single piece of thick plate.

Continuous Unrestricted Rotation:

- * A Terex Telelect 3 port rotary manifold provides a rotating oil distribution system for continuous and unrestricted rotation.
- * One 3/8-inch hydraulic port is available for options.
- * Self-locking worm gear rotation drive is provided and equipped with bi-directional motor.
- * A 7/8-inch external hex shaft allows for manual rotation.

Rotation Bearing:

- * The rotation bearing is a heavy-duty "shear ball" bearing with external gear teeth utilizing polished alloy steel balls.
- * Both the inner and outer races are made from high-strength alloy steel and are heat treated to provide maximum life.
- * High strength grade 8 bolts attach the inner and outer races to the pedestal and turntable.

ANSI Rating:

- * Aerial device is designed as a Category C machine and is dialectically tested and certified for operation up to 46,000 volts AC per ANSI A92.9 - 2001.

Hydraulic System:

- * Full pressure, open center hydraulic system.
- * An internal 20-gallon hydraulic oil reservoir provided with a 60-mesh filler screen, baffles, 100 mesh suction screen with bypass, clean out access hole, sight gauge and shut off valve.
- * A spin on type 10-micron return line filter is provided.
- * A relief is also provided.
- * Hydraulic hoses are equipped with permanent type fittings.

Miscellaneous:

- * All metallic components of the complete aerial device are finish painted.
- * The fiberglass upper boom, boom inserts, platforms, and covers are white.
- * Includes two sets of operation, maintenance, and replacement parts manuals and all recommended decals.

Description

PUMP

Boom rest for TL series units.

Platform 24" x 3D" x 42":

* One end mounted fiberglass platform with a rated capacity of 350 lbs.

* Includes one (1) outside access step with slip-resistant surface.

* A safety harness and lanyard with a built in 'D' ring lanyard attachment is provided.

Insulated Platform Liner For 24" x 3D" x 42" Platform:

* Certified at 50 KV AC.

Vinyl Platform And Control Cover For 24" x 3D" Platform:

* Waterproof with internal elastic cord around edge and external elastic cord around control cover.

Tubular Rubber Platform Rest:

* Provides platform support during road travel

Power take off, 6-bolt, with indicator light for automatic transmission.**Electrical mini-box system.****Electric collector ring 4-conductor.****Level Ride torsion bar stabilizer.****Timbren rubber stabilizers installed on axle.**

Mounting Kit;

* Behind cab mount for use with torsion bars.

Description

UTILITY BODY

- 1 LLB108LP Utility Line Body:
- A. Dimensions
 - 108" overall length
 - 94" outside width
 - 58" bed width
 - 24" floor to top of body
 - 18" compartment depth
 - 40" compartment height
 - 18" horizontal compartment height
 - B. Compartmentation - Street Side
 - First Vertical (30") - 2 adjustable shelves with 5 adjustable dividers each
 - Horizontal (54") - open
 - Rear Vertical (24") - 5 material hooks (1-3-1)
 - C. Compartmentation - Curb Side
 - First Vertical (30") - 5 material hooks (1-3-1)
 - Horizontal (54") - 8 adjustable dividers in compartment bottom
 - Rear Vertical (24") - 2 adjustable shelves with 4 adjustable dividers each
 - D. Features
 - Full length shelf in top of street side compartments with rear drop door
 - Wheel chock storage (2) in curbside in wheel wells
 - 16-gauge A60 double-sided galvanized coated steel body exterior
 - 18/16-gauge A60 double-sided galvanized coated steel door panels
 - 12-gauge tread plate floor
 - 12-gauge treadplate compartment tops
 - Rotary door latches and full-length stainless steel rod door hinge
 - Chain stops on doors and includes automotive bulb-type door seals
- 1 **TL series insert in frame and floor including mounting hardware.**
- 1 **Tail shelf 24" long with 12-gauge treadplate top and full side skirts.**
- 1 **Two section treadplate bumper tapered for pintle hook, 10" wide.**
- 4 **Pool type pipe grab rail for tailshelf or rear of flatbed.**
- 2 **Grab handle for stair type side access steps.**
- 1 **One pair of mud flaps.**
- 1 **Back-up alarm to sound when the vehicle is shifted into reverse.**
- 1 **Set chassis parameters.**
- 1 **DOT Inspection.**
- 1 Peterson 7-lamp DOT Lighting Package:
- * Complies with FMVSS 108.
 - * Includes required lights, junction box, wiring harness and mounting light bar.

- 1 **Description**
Amerex 5-lb ABC fire extinguisher with bracket..
- 1 **James King triangle reflector kit.**
- 1 **Orion flare kit with holder.**
- 1 Paint line body one color..
*Paint white to match cab.
- 1 **Paint body floor with non-skid paint.**
- 1 Paint aerial device one color..
*Paint white to match cab.

Grand Total:	\$40,018.00
FET Tax	\$0.00
Grand Total	\$40,018.00

Options:

- Hydraulic Tool Outlets At Platform: **Add \$342.00**
 * Provides 5 GPM at 2000 psi at engine idle.
- Auxiliary Let Down: **\$545.00**
 * Allows for the descent of the boom (platform) in the most direct manner for a time limited by the duty cycle of the electric motor.
- 400-lb platform capacity (350-lb capacity if equipped with rotator) in lieu of standard capacity.** **\$1,164.00**
- Hydraulic Platform Rotator For End Mount Platform: **\$767.00**
 * Reduces platform capacity to 300-lbs.
 * Allows 180 degrees of forward hydraulic rotation and is controlled at the upper controls.
- Hydraulic Platform Tilt: **\$445.00**
 * The platform is equipped with hydraulic horizontal tilt at the platform controls for ease of personnel rescue and platform debris clean out.
- Engine Two Speed Throttle Control At Platform: **\$202.00**
 * A plunger style, two-speed engine throttle control is provided. The engine shall advance to a pre-set speed when engaged and decrease when it is disengaged.
- Insulated Engine Stop / Start: **\$319.00**
 * Controlled from platform
- Promote engine stop / start control from rear of vehicle.** **\$483.00**

**Add
\$503.00**

hydraulic Tool Outlets Below Rotation:

- * Installed at the outrigger valve assembly to accommodate one open center hydraulic tool.
- * Provides 5 GPM at 2000 psi.

Platform Scuff Pad For 24" x 30" Platform:

- * Non-skid standing surface.

\$81.00

Aerial Bucket Rescue Kit

- * Terex Utilities Part # FA30030

\$442.00

Chain Saw Holder

- * Terex Utilities Part # FA36103
- * Inside Mounting

\$134.00

Master door rod lock system.

:\$202.00

Reading Body in lieu of Terex Utilities Standard Body

- * 108 " Line Body

\$1,005.00

Compartment With Side Drop Down Door:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 36"L.
- * Equipped with rotary paddle latch and chain stops.

\$675.00 ea.

Compartment With Side Drop Down Door:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 60"L.
- * Equipped with rotary paddle latch and chain stops.

\$747.00 ea.

Compartment With Side And End Drop Down Doors:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 36"L.
- * Equipped with rotary paddle latch and chain stops.

\$915.00 ea.

Compartment With Side And End Drop Down Doors:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 60"L.
- * Equipped with rotary paddle latch and chain stops.

\$962.00 ea.

Compartment With Two Side Drop Down Doors:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 60"L.
- * Equipped with rotary paddle latch and chain stops.

\$976.00 ea.

Compartment With Two Side Drop Down Doors And One End Drop Down Door:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 60"L.
- * Equipped with rotary paddle latch and chain stops.

\$1,175.00 ea.

Add
\$561.00 ea.

Compartment With Top Opening Lid:

- * 12-gauge tread plate top.
- * 18'W x 18"H x 36"L.
- * Equipped with earn-action hasp and chain stops.

\$617.00 ea.

Compartment With Top Opening Lid:

- * 12-gauge tread plate top.
- * 18'W x 18"H x 60"L.
- * Equipped with earn-action hasp and chain stops.

\$851.00 ea.

Compartment With Top Opening Lid And One End Drop Down Door:

- * 12-gauge tread plate top,
- * 18'W x 18"H x 60"L.
- * Equipped with rotary paddle latch and earn-action hasp and chain stops.

\$723.00 ea.

Compartment With End Drop Down Door:

- * 12-gauge tread plate top.
- * 18'W x 18"H x 60"L.
- * Equipped with rotary paddle latch and chain stops.

\$748.00 ea.

Compartment With Side Vertical Door:

- * 12-gauge tread plate top.
- * 24" W x 18"D x 46" H.
- * Equipped with rotary paddle latch and chain stops.

Rubber wheel chocks with eye bolt.**\$40.00 ea.****Hour meter for power take off engagement time or engine hours, specify.****\$85.00**

Horizontal enclosed ladder box with rubber covered rear roller:

- * 16-gauge construction

\$462.00**Possum belly door at rear.****\$174.00****Ice Chest Bracket****\$203.00**

PH5 5 ton pintle hook:

- * Safety chain eyes.
- * Chassis frame reinforcements.

\$417.00**Midland 7-prong trailer socket.****\$124.00****Tekonsha Voyager electric brake control.****\$252.00****One pair of rubber dock bumpers at rear.****\$115.00****Bracket for storing grounding cable.****\$166.00**

Ground Cable Black 2/0: Add
\$188.00
 * 50' of copper cable, three grounding lugs and grounding clamp.
 * Three point grounding system for grounding vehicle during work operations.
 * Cable must be fully removed before use.

Hannay spring loaded hydraulic hose reel with 4-way roller assembly. **\$761.00**

Dual Hose Assembly For Hose Reel: \$236.00
 * 35' of 1/2" 10 hose
 * Parker HTMA male and female flush faced couplers and dust covers.
 * Installed on hose reel with ball stop.

Hannay spring rewind grounding reel. **\$943.00**

Manual Ground Reel \$622.00
 * Terex Utilities Part # FA20001

Whelen L32L Strobe Light Super LED **\$418.00 ea.**
 * Whelen Part # L32L

Whelen 500 Series TIR Super LED Lights **\$310.00 ea.**
 * Whelen Part # 50C03ZAR

Go-Light AG-R-H halogen 6" spotlight with mounting bracket. \$219.00 ea.

Go-Light \$343.00 ea.
 * Terex Utilities Part # LA75003
 * Go-Light Part # 2067

Whelen Far Strobe Lights **\$157.00 ea.**
 * Whelen Part # 50A-00-Far Strobe Lights

VISTA strip compartment light. **\$420.00**
 * Vista Strip Lighting for all (6 Body Compartments)
 * Price includes all (6) Compartments

Stanley Crimping Tool **\$1,677.00**
 * Terex Utilities Part # STNCT10016N

Stanley Pole Tamp **\$989.00**
 * Terex Utilities Part # STNTA541 03

Mule Tape Driver **\$4,295.00**
 * M15
 * Includes Torque Wrench, Reel & 1,500 Ft of Mule Tape

Dimensions Inverter 12/1200 **\$1,126.00**
 * Terex Utilities Part # FA26002

Redi-Line DA12L electric generator, 1600W, 120VAC, 15A. **\$1,304.00**

Add

\$111.00 ea.

12 Volt Outlet

\$2,252.00

Warn Electric Bumper Winch:
* 12,000-lbcapacity.
* Bumper kit and 4-way roller'

\$108.00

Reflective Tape
* Terex Utilities Part # LA20035

\$753.00

Paint Boom Safety Yellow in lieu of Standard White.

Ballast for Counter Weight

\$

...punterWeight Will be determined when we perform a weight study, if the weight study
t...cludes we need counter weight for stability we will charge \$2.50 lbs. plus (+) Labor to install
the counter weight.)

Notes:

1. Prices are FOB Shipping Point, delivery prepaid and included:
2. Prices exclude any applicable taxes or license fees.
3. Federal Excise Tax has not been included. A current exemption/resale certificate must be on file and provided with purchase Girderfor tax exempt sale. Federal Excise Tax will be added if certificate is not supplied with order.
4. Terms: Net 10 days with pre-approved credit..
5. Quotation good for 30 days. Contact us for a possible extension if required.
6. Chassis requires clean frame rails, side and top. Relocation of chassis components, to facilitate equipment installation, will be in addition to above quoted price.
7. Terex Telelect is ISO 9001 :2000 Certified.

Terex Utilities South – White House

Accepted By:

Order Coordinator—Josh Fawley

PO Number: _____

ount Manager –Charlie Mathews

Date: _____

~TEREX

Utilities

Aerial Devices | Hi-Ranger Telescoping/Articulating Aerial Device

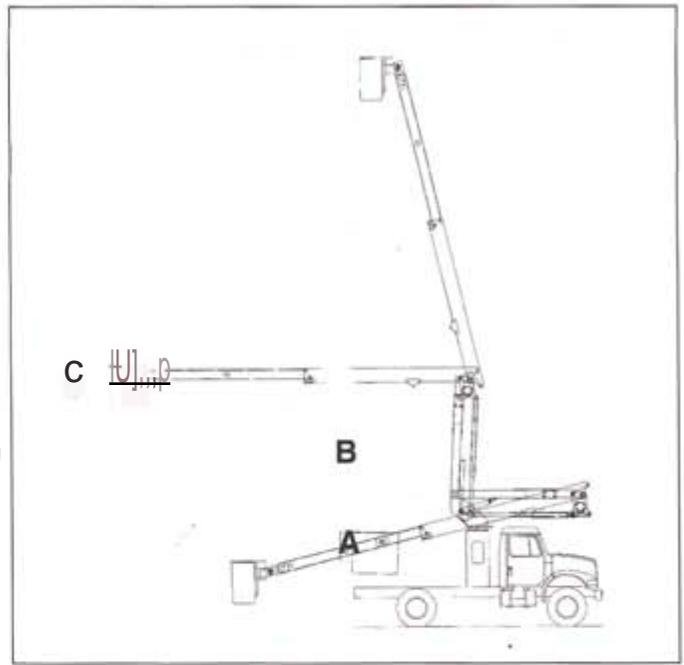


SELECTED

STANDARD EQUIPMENT

- End Mounted 24 x 48 x 42 Inch Two Person Platform
- Hydraulic Master Slave Platform Leveling
- Full Pressure Controls On Side Of Platform
- Category "C" Rating Per ANSI A92.2
- Steel Main Boom
- Fiberglass Second Section Boom
- Fiberglass Lift Boom Insert
- Lower Controls Above Rotation
- Safety Harness With Attached Lanyard
- 20 Gallon Hydraulic Tank Integral With Pedestal
- Platform Tilting At Upper And Lower Controls
- S 06m Interlock,

WORKING ENVELOPE



Photographs and illustrations represented in this literature are for informational purposes only and may depict optional or additional equipment not offered as standard. Always refer to the appropriate operator's manual for safe and proper operation of TEREX Telelect equipment. TEREX Telelect reserves the right to make design changes as necessary.

OPTIONAL EQUIPMENT

- Boom/Boom Stow Interlock
- Hydraulic Platform Rotator
- Lower Controls Below Rotation
- Hydraulic Tool Outlets
- 12 Volt Auxiliary Let Down
- A-Frame Outriggers
- Boom Overstow Protection
- Hydraulic Lift - 10 ft. Transverse

CAPACITIES & DIMENSIONAL DATA

	TL37P	TL41P	TL44P	TL50P
Working Height (B)	42.0 ft. (12.8 m)	47.0 ft. (14.3 m)	49.0 ft. (14.9 m)	54.5 ft. (16.6 m)
Horizontal Reach (C)	28.5 ft. (8.7 m)	31.0 ft. (9.4 m)	34.0 ft. (10.4 m)	37.0 ft. (11.3 m)
Lower Boom Articulation	-3 to 82°	-3 to 82°	0 to 87°	0 to 87°
Upper Boom Extension	-17 to 76°	-17 to 76°	-15 to 76°	-15 to 76°
Upper Boom Extension	100 inches (254 cm)	116 inches (295 cm)	116 inches (295 cm)	145 inches (368.3 cm)
Platform Capacity	600 lbs. (272 kg)			

For More Information:



600 Oakwood Road
PO BOX 1150
Watertown, SD 57201
USA

Phone: (605) 882-4000
Facsimile: (605) 882-1842

www.terexutilities.com
E-mail: sales@terexutilities.com