

Utilities

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

8/8/2006

Quote Number: 61810031

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>AERIAL DEVICE</p> <p>One (1) new Terex-Utilities Hi-Ranger 6TC-65 aerial device. 65.0 ft. insulated aerial device offering a working height of 70 ft. and 41.8 ft. of horizontal reach (platform rotated). Designed to meet the latest industry standards and includes the following:</p> <p>Design Criteria: * Terex Utilities aerial devices are designed in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design.</p> <p>Control System: * A power assist control system is used to control all boom functions: lower boom, upper boom, and rotation.</p> <p>Upper Controls: * An all-weather Hi-Ranger "3-D" Single Stick is provided and controls the upper boom, lower boom, and rotation.</p> <p>Lower Controls: * Individual control levers are provided and located in an accessible location on the curbside of the turntable. * The lower controls activate lower boom, upper boom, and rotation. * Lower controls are capable of fully overriding the platform controls and will operate even if the upper controls are damaged or severed.</p> <p>Engine Throttle Advance: * An automatic two speed engine throttle control is provided and shall advance the engine to a pre-set speed when the single stick enabling lever is engaged and decrease when it is disengaged.</p> <p>Platform Leveling: * Utilizes hydraulic cylinders, roller chains, and fiberglass rods. * This system meets all dielectric requirements.</p>

Description**Hydraulic Platform Tilt:**

* The platform is equipped with hydraulic horizontal tilt at the lower and upper controls for ease of personnel rescue and platform debris clean out.

Lower Boom:

"Constructed of high strength rectangular fabricated steel tube with a rectangular bi-axial filament wound, high strength fiberglass insert providing an insulation gap of 18 in.

* The lower boom articulation enveloped is from 0 degrees to 100 degrees using one (1) double acting hydraulic cylinder, equipped with two (2) integral holding valves.

* The lower boom is supported when stored by a padded boom rest.

* Lower boom also includes a padded upper boom rest.

Upper Boom:

* Constructed of high strength steel with a rectangular bi-axial filament wound tapered fiberglass boom.

* The upper boom has an articulation envelope of 163 degrees using one (1) end of a double acting tandem hydraulic cylinder, equipped with two (2) integral holding valves.

* Upper boom insulation length of 15.6 ft.

Boom Compensation System:

* This system maintains the angle of the upper boom by using one (1) end of a double acting, tandem hydraulic cylinder while the lower boom is articulated.

* The upper boom can also be articulated independently.

Boom Interlock:

* To operate the boom the outriggers must be extended.

Pedestal:

* The pedestal is of welded high-strength steel construction and designed with access holes for maintenance of hydraulic plumbing.

* The pedestal top plate is machined after welding to maintain a flat mounting surface for the rotation bearing.

* The turntable is constructed of steel plates with an offset configuration to provide maximum strength and sides reach.

* Steel bottom plate has provisions for attaching inner race of rotation bearing.

Continuous And Unrestricted Rotation:

* A Terex-Telelect designed and manufactured 6 port collector block provides a rotating oil distribution system for continuous and unrestricted rotation.

* A 3 channel electric collector ring is provided as standard.

* A self locking worm gear rotation drive is provided and equipped with a bi-directional motor.

Rotation Bearing:

* The rotation bearing is a heavy duty "shear-ball" bearing utilizing polished alloy steel balls.

* High-strength bolts attach the inner and outer races to the pedestal and turntable.

Miscellaneous:

* The entire unit is painted with a rust inhibiting primer.

* Two complete manuals providing operation and maintenance procedures, and a replacement parts listing.

* Warning decals are provided with unit.

Description

ANSI Rating:

* Aerial device is designed as a Category C machine and is dielectrically tested and certified for operation up to 46,000 volts AC per ANSI A92.2.

Hydraulic System:

* The hydraulic system used for operating the boom functions is a closed-center, parallel-circuit system for all boom functions.

* The boom tip options and jack functions utilize an closed-center system.

* System operating pressure is 3000 PSI for all functions except tools.

* A 35 gallon hydraulic oil reservoir is provided and includes a 100 mesh filter and shut off valve.

* Hydraulic hoses are equipped with permanent type hose fittings.

* Hydraulic oil cooler.

1 Install Aerial Device Over Rear Axle And Install All Associated Components:

* Final test and inspect completed unit including stability and dielectric testing per manufacturers requirements and ANSI A92.2.

1 90 Degree Hydraulic Platform Rotator For Single Side Mount Platform:

* Allows 90 degrees of hydraulic rotation and are controlled at the upper controls.

1 Tubular Rubber Platform Rest:

* Provides platform support during road travel

Dual Hydraulic Tool Outlets At Platform:

* Installed at the platform to accommodate one closed center hydraulic tool.

* Tools cannot be operated simultaneously.

* Bleeder spool provides for ease in connecting and disconnecting couplers.

* Includes port relief to limit pressure to 2000 psi.

* Allows standard operation of tools with unit in low speed.

* Quick disconnect couplers.

* Tool return back pressure is less than 200 psi with ISO 15 hydraulic oil.

1 Platform 24" x 48" x 42":

* One side mounted fiberglass platform with a rated capacity up to 700-lbs.

* Includes two outside access steps with a slip-resistant surface on end of platform.

* Two safety harnesses with lanyards.

* Note: Jib capacity will be decreased if platform capacity is greater than 500-lbs.

1 Hydraulic Articulating Mechanical Winch Line Extending 120 Degree 5-ft Jib With Winch:

* Infinite positioning through the 120 degree articulation envelope (-20 to +100 degrees) with a jib length of 5 feet and 0-3.3 feet of extension.

* Includes 1000 lb. full drum capacity worm gear winch complete with 75 feet of 1/2 inch load line and swivel hook with latch.

* Also includes a winch control at the lower controls.

* Maximum jib capacity of 1000 lbs.

1 Jib winch capacity upgrade from 1000-lbs to 1500-lbs.

1 Tie down kit.

Description

- 1 Controls For 2-Sets Of Outriggers And Auxiliary Tool Outlets:
* Recessed at rear of truck each side for ease of view for outrigger placement.
- 1 **Extend outrigger feet to adjust for chassis frame height.**
- 1 **Single hydraulic lift 15-ft.**
- 1 Super Duty A-frame Outriggers:
* Hydraulic double acting outriggers including integral holding valves.
* 137.5" spread pin to pin and 150.5" to outside of pads at 10.9" penetration and 40" frame height.
* 16 " x 16 " swivel type stabilizer pads.
- 1 Extra Heavy Duty A-frame Outriggers:
* Hydraulic double acting outriggers including integral holding valves.
* 146.7" spread pin to pin and 157.5" to outside of pads at 9.6 " penetration and 40" frame height.
* 13 " x 12 " swivel type stabilizer pads.
- 1 Insulated Platform Liner For 24" x 48" x 42" Platform:
* Certified at 50 KV AC.
- 1 Components To Meet ANSI Category B Rating:
* In lieu of standard Category Crating.
* Includes lower test electrode system and system to prevent vacuum in hydraulic lines (used between 46,000 volts AC and 138,000 volts AC.)
* Terex-Telelect can only certify up to 69 KV when this option is ordered.
- 1 Vinyl Platform Cover For 24" x 48" Platform:
* Waterproof with internal elastic cord around edge.
- 1 **Hydraulic oil cooler with thermo dynamic fan for aerial devices.**

UTILITY BODY

- 1 Terex Utilities Full Length Flatbed.
* 12ga. tread plate floor.
* 6" channel cross members on 16" centers.
* Hinged floor over radial outriggers.
* 7-lamp light bar.
- 1 **Access steps to platform for hydraulic lift units.**
- 1 Cab Guard:
* With expanded metal top.
* Include rear window guard:
- 1 **Power take off, 6-bolt, with indicator light for manual transmission.**
- ? Pool type pipe grab rail for tailshelf or rear of flatbed.
- 4 Laminated wood outrigger pad 24" x 24" x 2-1/4" with rope handle.

- 4 **Description**
- 4 Outrigger pad storage brackets.
- 4 Wheel chock brackets for mounting under the body.
- 1 One pair of mud flaps.
- 1 DOT Inspection.
- 1 Set chassis parameters.
- 1 Back-up alarm to sound when the vehicle is shifted into reverse.
- 1 Peterson 7-lamp DOT Lighting Package:
 * Complies with FMVSS 108.
 * Includes required lights, junction box, wiring harness and mounting light bar.
- 1 James King triangle reflector kit.
- 1 Amerex 5-lb ABC fire extinguisher with bracket.
- 1 First aid kit with mounting bracket.
- 1 Paint front winch one color.
- 1 Paint body floor with non-skid paint.
- 1 Paint aerial device one color.
- 1 Paint flatbed one color.
- 1 Paint elevator one color.
- 1 Paint cab guard one color.

Grand Total:	\$113,981.00
FET Tax	\$0.00
Grand Total	\$113,981.00

Options:

Insulated Engine Stop / Start:
 * Controlled from platform

**Add
\$472.00**

Remote engine stop / start control from rear of vehicle.

\$483.00 ea.

Braden AHGU5 Hydraulic Two Speed Low Mount Rear Mounted Winch Including:

- * 20,000-lb rated capacity.
- * Extended shaft to curb side for take-up reel.
- * Four way roller assembly.
- * 200' of 1/2" 6x19 wire rope with eye.
- * Upper and lower winch line guards.
- * Safety tread plate installed around winch.
- * Winch valve, air actuator, miscellaneous hose and fittings.

Add
\$5,745.00

Braden PD18C-11 DB FEB Hydraulic Planetary Front Mounted Bumper Winch Including:

- * 20,000-lb rated capacity.
- * Extended shaft to curb side for take-up reel.
- * Four way roller assembly.
- * 200' of 1/2" 6x19 wire rope with eye.
- * Upper and lower winch line guards.
- * Safety tread plate installed around winch.
- * Winch valve, air actuator, miscellaneous hose and fittings.

\$5,924.00

Winch control installed in chassis cab.

\$388.00

Winch control installed at front bumper.

\$388.00

J:lydraulic Articulating Hydraulic Extending Under Load 120 Degree 8-ft Jib With Winch:

- infinite positioning through the 120 degree articulation envelope (-20 to +100 degrees) with 18 Inches of cylinder travel.
- * 8 ft. long jib extends by means of a hydraulic cylinder.
- * Includes 1000 lb full drum capacity worm gear winch complete with 75 feet of 1/2 inch load line and swivel hook with latch.
- * Winch controls at the lower controls.
- * Maximum jib capacity of 2000 lbs.

\$6,515.00

Dual Hydraulic Tool Outlets At Platform:

- * Installed at the platform to accommodate one closed center hydraulic tool.
- * Tools cannot be operated simultaneously.
- * Bleeder spool provides for ease in connecting and disconnecting couplers.
- * Includes port relief to limit pressure to 2000 psi.
- * Allows standard operation of tools with unit in low speed.
- * Quick disconnect couplers.
- * Tool return back pressure is less than 200 psi with ISO 15 hydraulic oil.

\$469.00

Auxiliary Let Down:

- * 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.

\$795.00

180 Degree Hydraulic Platform Rotator For End Mount Platform:

- * Allows 180 degrees of hydraulic rotation and is controlled at the upper controls.
- * This option will reduce platform capacity by 50 lbs.
- * Side reach will increase by 15" with this option.

\$1,664.00

Dica 18" x 18" poly outrigger pads.	Add
	\$89.00 ea.
Laminated wood outrigger pad 24" x 24" x 2-1/4" with rope handle.	\$141.00 ea.
Controls For 2-Sets Of Outriggers And Auxiliary Tool Outlets:	\$876.00
* Recessed at rear of truck each side for ease of view for outrigger placement.	
Two ring bolts mounted on the boom for lanyard attachment for non-overcenter units.	\$40.70
Collapsible Take-up Reel:	\$706.00
* 4,000-lb maximum pulling force.	
* 20" diameter, 28" overall.	
* Bayonet style socket fits 2-7/16" shaft.	
Bumper Markers	\$69.00
* Terex Utilities Part # BA30066	
Flag Holder	\$114.00
* FOP 10067	
CR reel storage bracket.	\$326.00
Level indicator, pointer type.	\$36.00
Buyer Products tow hooks, one pair.	\$327.00
T-125A, 15 ton pintle hook:	\$580.00
* Safety chain eyes.	
* Chassis frame reinforcements.	
* Standard height	
Single Conductor Wire Holder (A.B. Chance):	\$620.00
* Designed for lifting and holding up to 1.5 in. single line conductors.	
* Can be easily exchanged with jib sheave head.	
Midland 7-prong trailer socket.	\$124.00
Master door rod lock system.	\$202.00
Reading Body in lieu of Terex Utilities Standard Body 168" Line Body	\$2,338.00
Compartment With Side Drop Down Door:	\$675.00 ea.
* 12-gauge tread plate top.	
* 18"W x 18"H x 36"L.	
* Equipped with rotary paddle latch and chain stops.	
Compartment With Side Drop Down Door:	\$747.00 ea.
* 12-gauge tread plate top.	
* 18"W x 18"H x 30"L.	
* Equipped with rotary paddle latch and chain stops.	

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.

Add
\$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:
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with rotary paddle latch and chain stops.

\$1,105.00 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.

Compartment With Two Side Drop Down Doors And One End Drop Down Door:
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with rotary paddle latch and chain stops.

\$1,273.00 ea.

Compartment With Top Opening Lid:
* 12-gauge tread plate top.
* 18"W x 18"H x 36"L.
* Equipped with cam-action hasp and chain stops.

\$561.00 ea.

Compartment With Top Opening Lid:
* 12-gauge tread plate top.
* 18"W x 18"H x 60"L.
* Equipped with cam-action hasp and chain stops.

\$617.00 ea.

Compartment With Top Opening Lid:
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with cam-action hasp and chain stops.

\$786.00 ea.

Compartment With Two Split Top Opening Lids:
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with cam-action hasp and chain stops.

\$1,001.00 ea.

Add
\$1,001.00 ea.

Compartment With Two Overlapping Top Opening Lids:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 120"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.

\$962.00 ea.

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

- * 12-gauge tread plate top.
- * 18"W x 18"H x 120"L.
- * Equipped with rotary paddle latch and cam-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.

\$834.00 ea.

Compartment With End Drop Down Door:

- * 12-gauge tread plate top.
- * 18"W x 18"H x 120"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"O x 46" H.
- * Equipped with rotary paddle latch and chain stops.

Exhaust shield to protect from hydraulic system.

\$135.00

Hannay spring loaded hydraulic hose reel with 4-way roller assembly.

\$761.00

Dual Hose Assembly For Hose Reel:

- * 35' of 1/2" 10 hose
- * Parker HTMA male and female flush faced couplers and dust covers.
- * Installed on hose reel with ball stop.

\$236.00

Hannay spring rewind grounding reel.

\$943.00

Manual Ground Reel

- * Terex Utilities Part # FA20001

\$622.00

12 Volt Power Outlet

\$111.00

Aerial Bucket Rescue Kit

- * Terex Utilities Part# FA30030

\$442.00

Brad~n PCD24B Hydraulic Capstan Drive: * 4,000-LB rating. * Spring applied hydraulically released parking brake.	Add \$3,758.00
Chain Saw Holder *FA36103	\$134.00
Stanley Crimping T001#CT100016N * Terex Utilities Part# STNCT10016N	\$1,677.00
Mule Tape Driver M15 (Includes Torque Wrench, Reel, and 1,500ft of Mule Tape)	\$4,295.00
Preco BG4240 branch guard for 4" strobe.	\$73.00 ea.
Golight 7900 spotlight with wireless remote.	\$469.00 ea.
Preco 3414AQ amber strobe light with 4" lens and mounting bracket.. * Boom rest	\$501.00 ea.
Whelen Strobe Light Model L32L Super LED	\$418.00 ea.
Whelen 500 Series Tir Super Led Whelen Part #50C003ZAR	\$310.00 ea.
Unity AG-R-H halogen 6" spotlight with mounting bracket.	\$219.00 ea.
Go Light #2067 * Terex Utilities Part #LA75003	\$343.00 ea.
VISTA strip compartment light.	\$700.00 ea.
Whelen Far Strobe Lights * Part # 50 A-OO-Far Strobe Lights	\$157.00 ea.
Dimensions 1200 Watt Inverter * Terex Utilities part # FA26002	\$1,126.00
Bracket for storing grounding cable.	\$166.00
Ground Cable Black 1/0: * 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.	\$139.00
Ground Cable Black 2/0: * 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.	\$188.00

Quotation

Page 11 of 12

Reflective Tape

* Terex Utilities Part # LA20035

Add
\$108.00

Redi-Line DA12L electric generator, 1600W, 120VAC, 15A.

\$1,304.00

Stanley Pole Tamp

* Terex Utilities part #STNT A541 03

\$989.00

Horizontal enclosed ladder box with rubber covered rear roller:

* 16-gauge construction.

\$462.00

Paint premium for yellow, orange or red color.

\$753.00

Tekonsha Voyager electric brake control.

\$252.00

One pair of rubber dock bumpers at rear.

\$115.00

Hour meter for power take off engagement time or engine hours, specify.

\$85.00

Possum belly door at rear.

\$174.00

Ice Chest Brackets

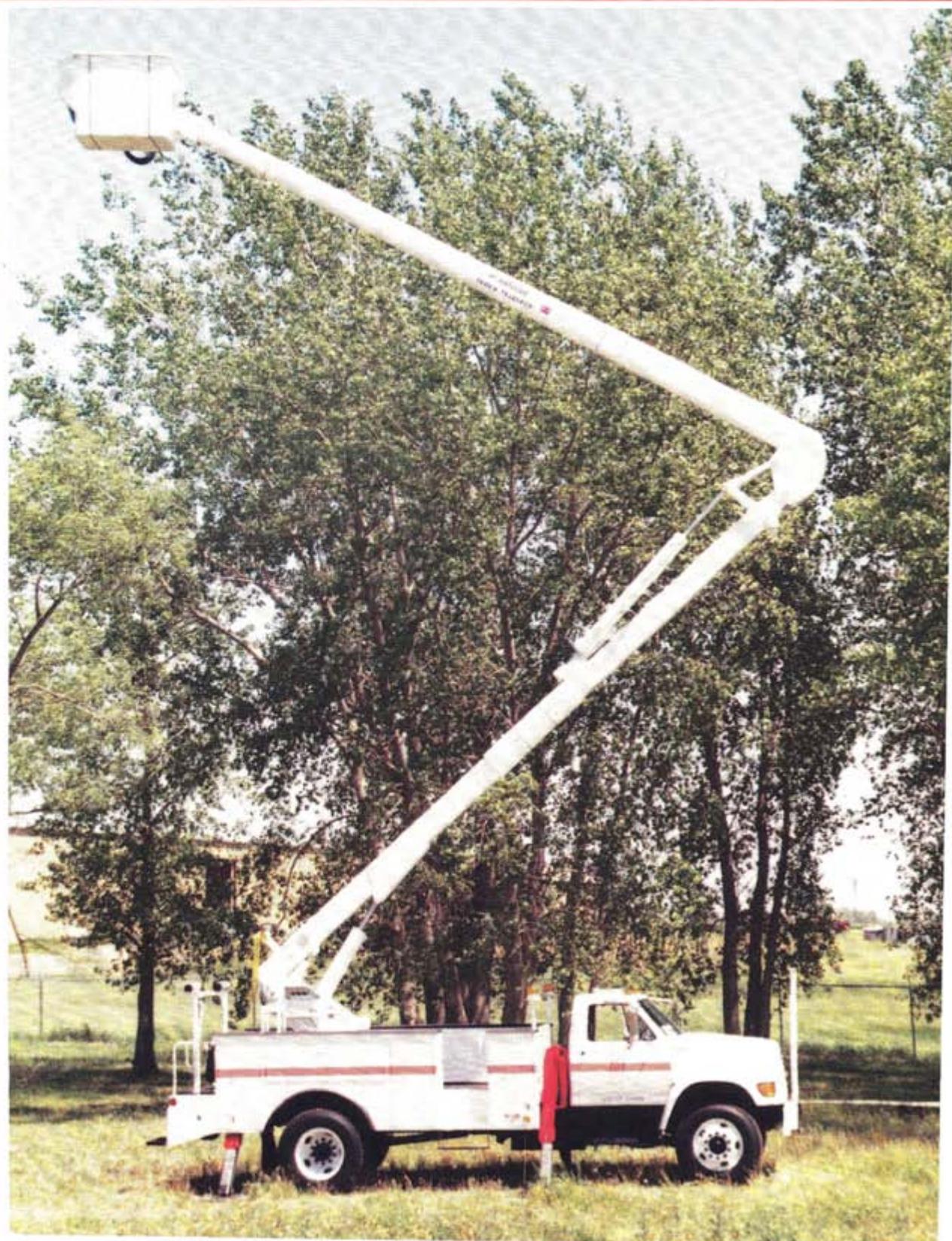
\$203.00

~TEREX Utilities

Aerial Devices | Hi-Ranger Articulating Non-Overcenter Aerial Device

Aerial Device

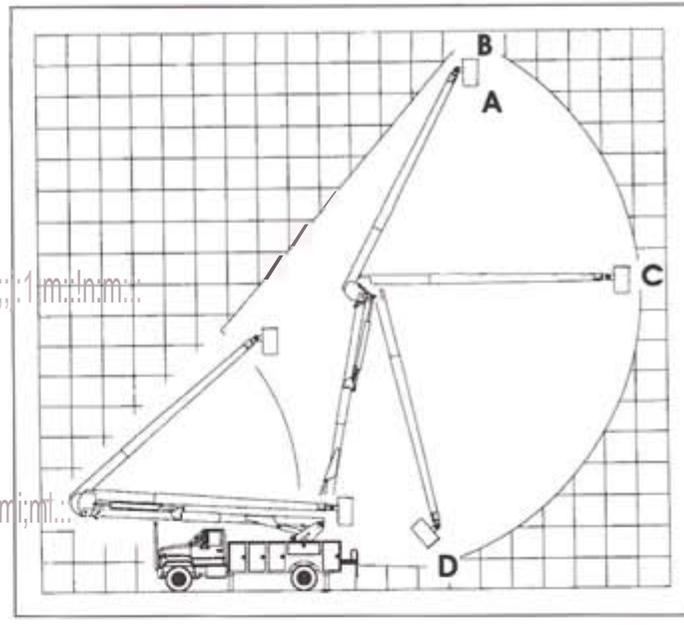
6TC



STANDARD EQUIPMENT

- Two Person End-Mount- platform
24H x 30W x 42H - 500 lb. Capacity (31 kg)
- Safety Harnesses With Attached Lanyard
- IsoControl™ Assist Control System w/ Demani Throttle
- IsoControl™ "3-D" Single Stick Control At Platform
- Hydraulic Platform Tilt At Lower And Platform Controls
- 102° Of Lower Boom Articulation
- "True-Comp™" Upper Boom Compensation
- Category "C" Rating Per ANSI A92.2
- 3.5C3.Ci.II 0.1ygr.~li-QiL, I3E! ~ ervo'ir

WORKING ENVELOPE



OPTIONAL EQUIPMENT

- One Person End Mount Platform
24" x 30" x 42" - 500 lb. Capacity (227 kg)
- 180° Hydraulic Platform Rotator
- Boom/Boom Stow Interlock
- Boom Storage Warning Light

- Hydraulic Tool Outlets At Platform
- In-gline~iop/St~tt At atfrm
- Auxiliary Let Down Or Emergency Pump
- Various Types Of Outriggers

CAPACITIES & DIMENSIONAL DATA

MODEL	A Bottom of Platform	B Working Height	C Side Reach	D Platform to Ground
6TC-60	60.0 ft (18.3 m)	65.0 ft. (19.8 m)	39.1 ft. (11.9 m)	5.0 ft. (1.5 m)
6TC-65	65.0 ft. (19.8 m)	70.0 ft. (21,3 m)	41.8 ft. (12,7 m)	5,0 ft. (1,5 m)

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 are necessary.

For More Information:

TEREX
Utilities

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