

## Utilities

~00Edenway, White House, TN, 37188  
Phone: 800-672-4911 Fax: 615-672-0733

7/28/2006

Quote Number: 61810002

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 5TC-55 aerial device. 55.0 ft. non-overcenter insulated aerial device offering a working height of 60.0 ft. and 38.3 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 envelope 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 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 of 16.6 ft. without mechanical or hydraulic jib extension.

**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 side 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.

**Description****Miscellaneous:**

- \* A load chart stating actual lifting capacity considering all final options, chassis, body, outriggers, and other fixed equipment with final readings based on completed unit stability is standard.
- \* A boom-angle indicator and decal are mounted on each side of the main boom.
- \* 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.

**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 2500 PSI for boom functions and 2000 PSI for jack functions and boom tip options.
- \* A 35 gallon hydraulic oil reservoir is provided and includes a 100 mesh filter and shut off valve.

**1 PUMP****1 Boom rest.****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.

**1 Insulated Platform Liner For 24" x 48" x 42" Platform:**

- \* Certified at 50 KV AC.

**1 Platform Scuff Pad For 24" x 48" Platform:**

- \* Non-skid standing surface.

**1 Vinyl Platform And Control Cover For 24" x 48" Platform:**

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

**1 Tubular Rubber Platform Rest:**

- \* Provides platform support during road travel

**1 Spring Loaded Platform Rest In Lieu Of Tubular Rubber:**

- \* Provides platform support during road travel

**1 Power take off, 10-bolt, with indicator light for Allison MD automatic transmission.****1 Subframe for 120" CA.**

- I Description**
- 1 Tie down kit,
- 2 Heavy Duty A-Frame Outriggers:  
 \* Hydraulic double acting outriggers including integral holding valves.  
 \* 144.4 " spread pin to pin and 155.9 " to outside of pads at 8 " penetration and 42 " frame height.,  
 \* 13 " x 12 " swivel type stabilizer pads.
- 1 Controls For 2-Sets OF Outriggers:  
 \* Recessed at rear of truck each side for ease of view for outrigger placement..

## UTILITY BODY

- 1 LLB168 Utility Line Body:
- A. Dimensions
- 168" overall length
  - 94" outside width
  - 58" bed width
  - 28" floor to top of body
  - 18" compartment depth
  - 46" compartment height
  - 24" horizontal compartment height
- B. Compartmentation - Street Side
- First Vertical (30") - 5 material hooks (1-3-1)
  - Second Vertical (30") - 2 adjustable shelves with 5 adjustable dividers each
  - Third Vertical (30") - 2 adjustable shelves with 5 adjustable dividers each
  - Horizontal (54") - 8 adjustable dividers in compartment bottom
  - Rear Vertical (24") - 5 material hooks (1-3-1)
- C. Compartmentation - Curb Side
- First Vertical (30") - 5 material hooks (1-3-1)
  - Second Vertical (30") - access steps to cargo area
  - Third Vertical (30") - 2 adjustable shelves with 5 adjustable dividers each
  - Horizontal (54") - 1 adjustable shelf with 8 adjustable dividers
  - Rear Vertical (24") - 5 material hooks (1-3-1)
- D. Features
- Full length shelf in top of street side compartments with rear drop door
  - Wheel chock storage (2) each side in wheel wells
  - 16-gauge A60 double-sided galvaneal coated steel body exterior
  - 18/16-gauge A60 double-sided galvaneal coated steel door panels
  - 12-gauge treadplate floor
  - 12-gauge tread plate 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 **Bridge frame and floor and installation of the subframe and outriggers.**

1 **Tail shelf 30" long with 12-gauge treadplate top and full side skirts.**

- r** Grab handle for stair type side access steps.  
 \* Side front access

- 1** **Description**
- 4 Pool type pipe grab rail for tailshelf or rear of flatbed.  
\* Located each side rear of tailshelf.
- 3 Cable type gripstrut stirrup step.  
\* (1) located at side access  
\* (2) located at rear access
- 1 **Access steps mounted on command post.**
- 1 **Access steps to command post or platform.**
- 4 Outrigger pad storage brackets.  
Located under each body side front and rear of axle.
- 1 **Integral wiring and switches in International chassis for electrical accessories (Diamond Logic).**
- 1 **Set chassis parameters.**
- 1 **One pair of mud flaps.**
- 1 **DOT Inspection.**
- 1 Peterson LED 7-lamp DOT Lighting Package:  
\* Complies with FMVSS 108  
\* Includes required lights, junction box, wiring harness and mounting light bar.
- 1 Amerex 5-lb ABC fire extinguisher with bracket.  
\* Located in front bin
- 1 **James King triangle reflector kit.**
- 1 **Orion flare kit with holder.**
- 1 Paint line body one color.  
\* White to match cab
- 1 Paint body floor with non-skid paint.  
\* Black
- 1 **Paint derrick one color.**
- 1 Paint aerial device one color.  
\* White to match cab.

**Description**

Grand Total:	\$67,250.00
FET Tax	\$0.00
Grand Total	\$67,250.00

**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:

**\$5,745.00**

- \* 20,000-lbrated 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.

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

**\$5,924.00**

- \* 20,000-lbrated 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.

**Winch control installed in chassis cab.**

\$388.00

**Winch control installed at front bumper.**

\$388.00

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

**\$7,447.00**

- \* 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 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.
- \* 90 Degree Rotator

Dual Hydraulic Tool Outlets At Platform:

**\$469.00**

- \* 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.
- \* ...Auick disconnect couplers .

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

Add

\$795.00

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.

\$1,664.00

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.

Dica 18" x 18" poly outrigger pads.

\$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:

\* 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.

\* ~"lyonet style socket fits 2-7/16" shaft.

Bumper Markers

\* Terex Utilities Part # BA30066

e~

Flag Holder

\* FOP 10067

~~c/~~  
~~(14.00)~~

CR reel storage bracket.

€~

Level indicator, pointer type.

8

Buyer Products tow hooks, one pair.

\$327.00

T-125A, 15 ton pintle hook:

\* Safety chain eyes.

\* Chassis frame reinforcements.

\* Standard height

cE~

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

ster door rod lock system.

\$202.00

Add

Reading Body in lieu of Terex Utilities Standard Body  
\* 168 " Line Body

\$2,338.00

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:  
\* 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 earn-action hasp and chain stops.

\$561.00 ea.

**Add**

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.	<b>\$617.00 ea.</b>
Compartment With Top Opening Lid: 12-gauge tread plate top. 18"W x 18"H x 120"L. Equipped with earn-action hasp and chain stops.	<b>\$786.00 ea.</b>
Compartment With Two Split Top Opening Lids: 12-gauge tread plate top. 18"W x 18"H x 120"L. Equipped with earn-action hasp and chain stops.	<b>\$1,001.00 ea.</b>
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.	<b>\$1,001.00 ea.</b>
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.	<b>\$851.00 ea.</b>
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 earn-action hasp and chain stops.	<b>\$962.00 ea.</b>
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.	<b>\$723.00 ea.</b>
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.	<b>\$834.00 ea.</b>
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.	<b>\$748.00 ea.</b>

Exhaust shield to protect from hydraulic system.	<b>\$135.00</b>
--	-----------------

May spring loaded hydraulic hose reel with 4-way roller assembly.	<b>\$761.00</b>
---	-----------------

Add

\$236.00

Dual Hose Assembly For Hose Reel:

- \* 35' of 1/2" ID 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

- \* Terex Utilities Part # FA20001

12 Volt Power Outlet

~  
£11~

Aerial Bucket Rescue Kit

- \* Terex Utilities Part# FA30030

Braden PCD24B Hydraulic Capstan Drive:

\$3,758.00

- \* 4,000-LB rating.
- \* Spring applied hydraulically released parking brake.

Chain Saw Holder

\$134.00

- \*FA36103

11/2" Crimping Tool# CT100016N

\$1,677.00

- \* Terex Utilities Part# STNCT10016N

Mule Tape Driver M15

\$4,295.00

- (Includes Torque Wrench, Reel, and 1,500ft of Mule Tape)

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..

\$501.00 ea.

- \* Boom rest

Whelen Strobe Light Model L32L Super LED

*Do not use with...*

\$418.00 ea.

\$310.00 ea.

Whelen 500 Series Tir Super Led

- \* Whelen Part #50C003ZAR

Unity AG-R-H halogen 6" spotlight with mounting bracket.

~  
4 L \$219.00 ~  
~9

Go Light #2067

\$343.00 ea.

- \* Terex Utilities Part #LA75003

VISTA strip compartment light.

\$700.00 ea.

Whelen Far Strobe Lights

6 X \$157.00 ea.

- \* Part # 60 A-OO-Far Strobe Lights

Ad  
eO

Dimensions 1200 Watt Inverter

\* Terex Utilities part # FA26002

**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.

C\$139~

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

Reflective Tape

\* Terex Utilities Part # LA20035

\$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

Jtes:

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 order for 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. Chassis pricing is based upon current model year production availability. Any Federal mandated costs, such as 2007 emission requirements, will be passed on at cost..
6. Chassis payment is due upon chassis receipt at our facility.
7. Quotation good for 30 days. Contact us for a possible extension if required.
8. Chassis requires clean frame rails, side and top. Relocation of chassis components, to facilitate equipment installation, will be in addition to above quoted price.
9. Terex Telelect is ISO 9001 :2000 Certified.

**Terex Utilities South – White House**

**Accepted By:**

---

**Order Coordinator—Josh Fawley**

---

**Account Manager –Charlie Mathews**

**PO Number:** \_\_\_\_\_

**Date:** \_\_\_\_\_

# TEREX

*Utilities*

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

Aerial Device ●

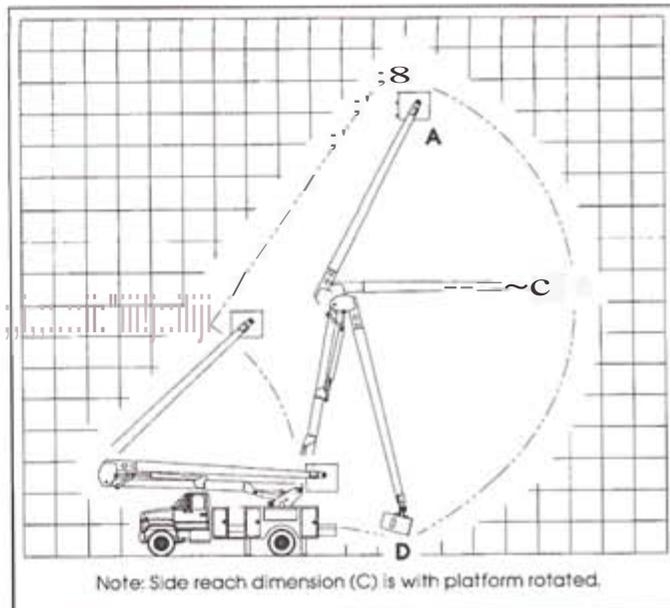
5TC



**STANDARD EQUIPMENT**

- Single Side-Mount Platform
- 2" x 30" x 42" - 350 lb Capacity Each (159 kg)
- Safety Harness With Attached Lanyard
- Power Assist Control System W/Automatic Throttle
- Hydraulic Platform Tilt At Lower/Upper Controls
- Master/Slave Platform Leveling System
- Compensated Boom Design
- Continuous Unrestricted Worm Gear Rotation
- Category "A" Or "B" Rating Per ANSI A92.2
- 35 Gallon Hydraulic Oil Reservoir
- Boom Interlock

**WORKING ENVELOPE**



Note: Side reach dimension (C) is with platform rotated.

**OPTIONAL EQUIPMENT**

- Two Person Side Or End Mount Platform
- Dual One Person Side Mount Platforms
- 24" x 30" x 42" - 350 lb Capacity Each (159 kg)
- Hydraulic Platform Rotators (180° End Mount, 90° Side Mount)
- Category "A" Or "B" Rating Per ANSI A92.2
- Boom Storage Warning Light
- Hydraulic Articulating Jib/Winch 1000 lb (454 kg)
- Hydraulic Articulating Jib/Winch 1500 lb (681 kg)

- Mechanical Jib Extension
- Hydraulic Jib Extension
- Single Wire Mesh, Phase Attachment
- Engine Stop/Start At Platform
- Auxiliary Lowering Or Auxiliary Power Systems
- Mechanical Lower Boom Latch
- Lower Boom Lifting Eye
- 13', 15', and 25' Hydraulic Lifts

**CAPACITIES & DIMENSIONAL DATA**

MODEL	A	B	C	D
	Bottom of Platform	Working Height	Side Reach	Platform to Ground
5TC-52	52.0 ft (15.8 m)	57.0 ft, (17.4 m)	36.6 ft. (11.2 m)	1.6 ft. (0.5 m)
5TC-55	55.0 ft, (16.8 m)	60.0 ft, (18.3 m)	38.3 ft. (11.7 m)	1.6 ft. (0.5 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 as necessary.

**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