

7/27/2006

Quote Number: 61810000

Tallahassee Electric Operation
2602 Jackson Bluff Rd
Tallahassee FL 32301

Attention: Terry Lowe

Phone: 850-891-5531

Fax: 850-891-5162

Qty.	Description
1	One (1) new Terex-Utilities Telelect General model hydraulic rotating digger derrick with a TM winch.

Design Criteria:

* Terex Utilities digger derricks are designed in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design.

Elevation:

* From +80 degrees above horizontal to -20 degrees below horizontal.

Pedestal & Turntable:

* Square constructed pedestal has access holes for maintenance of hydraulic plumbing. The turntable is an off-set design to provide maximum stability and strength. The turntable is fabricated from high-strength steel side plates and a single-piece bottom plate.

Dual Lift Cylinders:

* Double-acting cylinders with chrome plated rods and integral holding valves. Trapezoid mounting design offers greater boom support and stability, which means less wear and longer life; plus, either cylinder can hold the rated lifting capacity of the derrick.

Steel Main Boom Section:

* The main boom section is a fabricated box utilizing high-strength steel plates.

Steel Second Boom Section:

* Fabricated box constructed of high strength steel. Powered by a double acting hydraulic cylinder equipped with integral holding valves on both extend and retract ports.

Fiberglass Hydraulic Third Boom Section:

* Capable of lifting the hydraulic capacity of the derrick in all positions.

* Certified for rated line voltage up to and including 46 KV AC.

* Non-metallic rollers mounted at the end of the second section support the fiberglass boom under load minimizing scratches and abrasions. The sides of the fiberglass boom are supported and guided by non-metallic rollers to prevent tracking.

Description

Boom Interlock:

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

Continuous & Unrestricted Rotation:

- * A Terex-Telect designed and manufactured collector block provides a rotating oil distribution system for continuous and unrestricted rotation. Planetary gear drive rotation including spring loaded hydraulically released parking brake and reversible hydraulic motor. (Non-slip rotation)

Single Speed Hydraulic System:

- * Provides constant digger / winch flow with boom operation.
- * 21 / 8 Tandem vane type high efficiency 3000 psi rated counterclockwise hydraulic pump.
- * 60 hydraulic oil reservoir for installation in cargo area with dipstick for checking oil levels, clean out access hole and anti-splash baffle.
- * Includes 10 micron replaceable cartridge type return line filter mounted in reservoir with bypass valve incorporated in filter to prevent restricted flow.
- * A 100 mesh in screen in filter cap. A 40 mesh screen included in tank outlet. Shut off valve.
- * Glycerin filled pressure gauge to monitor circuit pressures.
- * Relief valves to protect the derrick circuits and digger-winch circuits.
- * Hydraulic hoses are equipped with permanent type hose fittings.

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 included.
- * A boom-angle indicator and decal are mounted on each side of the main boom.
- * The entire unit is painted with rust inhibiting primer.
- * Two complete manuals providing operational and maintenance procedures, and a replacement parts listing.
- * Warning decals provided with unit.

Turret Mount Winch Including Transferable Pole Buddy Assembly:

- * 15,000 lb. bare drum capacity planetary gear winch equipped with adjustable brake mounted on the derrick turntable. Equipped with flanged pole buddy transferable from 2nd section to 3rd section.

Bare Boom Lift Capacities:

* Boom Angle:	Boom Retracted	2nd Boom Extended	2nd and 3rd Extended
Maximum Elevation	48000	25850	18400
* 10Ft. Radius	20900	18750	17100
* 45 Degree Boom Angle	13300	6600	4300
* 0 Degree Boom Angle	7500	3300	1900

Sheave Height:

- * With 2nd section extended, 51.8 ft. at maximum elevation.
- * With 3rd section extended, 66.6 ft. at maximum elevation.
- * Dimensions are based on a 40" chassis frame height.

Load Radius:

- * 40.6 ft. from *C/I* of rotation, at 0 degree, 2nd section extended.
- * 55.6 ft. from *ell* of rotation, at 0 degree, 3rd section extended.

city.

Description

- 1 Planetary slip brake rotation in lieu of standard non-slip rotation.
- 1 Command Post With "EXCLUSIVE SINGLE STICK T" Control:
 liT" control, allowing one hand to operate three functions: rotation, boom elevation, and boom extension. Other boom functions have individual controls.
 * Mounted at Curb side
 * Glycerin filled pressure gauge is provided to monitor system pressure.
 * Permanent type control decals are provided.
 * Digger and winch controls are mounted comfortably to side of operator seat.
 * Adjustable cushioned operator seat is provided as standard and includes side rails.
 * Hydraulic foot throttle.
 * Command post access step and hand rail installed.
- 1 Remote Sensor Bracket:
 * Bracket to be used with the Williams remote sensor. Installed to supply sensor to work with truck engine.
- 1 Williams Control
 * Terex Utilities (MFWM531-131032)
- 1 **Boom rest for digger derrick.**
- ~ 14,000 ft-lb Two Speed Digger With Hydraulic Shift (Terex Utilities Mark III):
 * Planetary gear drive powered by reversible hydraulic motor:
 * 60" long x 2-5/8" hex auger shaft with auger adjustment holes.
 * Mounted Street side
 * Digger hanger is box section and is equipped with a transfer protection system, auger storage bracket with self latching auger catch, hydraulic auger release, hydraulic shift, and auger roll-up cable.
 * The auger bracket stores up to a 30" diameter auger, in the standard position.
 * Telescopic trombone tube is provided to shift the two-speed digger hydraulically.
 * Digger storage protection system to protect the auger storage cable from damage caused by over-winding. Oil from the digger system is returned to tank before the cable is over-stressed.
- 1 Tilt Pole Plummer For Transferable Pole Buddy:
 * Unique circular design arms handle poles up to 27 in. diameter.
 * Hydraulic cylinders operate the tilt and open/close on pole plummer arms.
 * Holding valve on tilt cylinder.
 * Pole plummer hoses are contained in a chain type carrier, installed on the side of the boom.
 * Transfers from the end of the second section to the end of the third section and vice versa.
 * The pole plummer is installed on the transferable pole buddy flange assembly.
- 1 Tilt Pole Plummer Interlock For Transferable Tilt Pole Plummer:
 * Protects both the tilt pole plummer and the boom from accidental damage caused by extending the third section boom while the tilt pole plummer is on the second section and tilted downward. Includes actuating plunger and two poppet valves.

~ty.

Description

- 1 Hydraulic Overload Protection For 2nd Section, 3rd Section, Winch, Digger Dig & Boom Down:
 * Helps prevent damage to derrick when overloads occur. These systems stop the hydraulic extension functions that cause the excess load and leave operational those functions necessary to eliminate the overload condition.
 * The system is fully automatic relative to the operation and re-set functions.
- 1 **Allied Industrial Technologies MF60-2-4A hydraulic oil cooler with dual fans for derricks.**
- 1 **Power take off, 10-bolt, with indicator light for Allison MD automatic transmission.**
- 1 **Full length sub frame for 138" CT chassis.**
- 1 **Tie down kit.**
- 2 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 Controls For 2-Sets Of Outriggers:
 * Recessed at rear of truck each side for ease of view for outrigger placement.
 * Includes switches and alarm for outrigger in motion alarm.

UTILITY BODY

- 1 **Flatbed, 15-ft heavy duty with 12-gauge tread plate deck.**
- 1 T40 Transverse Saddle Compartment: . 40" wide x 48" high x 94" across with 24" deep compartments.
 A. Compartmentation - Curb Side
 -1 fixed thru shelf in forward portion above material drawers
 -1 pull out drawer in forward portion, 4" D x 42" L, adjustable dividers on 6" centers
 -2 pull out drawers in forward portion, 6" D x 42" L, adjustable dividers on 6" centers
 -Pull OLitool board in rear potion
 B. Compartmentation - Street Side
 -4 fixed material hooks (2-0-2)
 C. Features
 -Tie rail on three sides.
 -Double overlapping doors equipped with door chains.
 -16-gauge body materials, 12-gauge compartment top.
 -Rod and socket door hinge.
 -Slam action paddle type door latches.
 -Chain stop on doors.
 -Automotive bulb type weather stripping.
- 1 **3/16" tread plate floor in lieu of standard 12 gauge.**
- 1 **Recessed steps in side of flatbed with grab handles.**
- 2 Grab handle for stair type side access steps.
 Located at the side entrance.

- u.c.y. Description
- 2 Pool type pipe grab rail for tail shelf or rear of flatbed.
Located at the rear access.
- 3 Cable type grip strut stirrup step.
(1) located at the side
(2) located at the rear
- 4 Outrigger pad storage brackets.
Located under the flat bed front and rear.
- 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 Hour meter for power take off engagement time or engine hours, specify.
- 1 Back-up alarm to sound when the vehicle is shifted into reverse.
- ~ Peterson 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.
- 1 James King triangle reflector kit.
- 1 Orion flare kit with holder.
- 1 Paint flatbed one color.
* White to match cab
- 1 Paint derrick one color.
* White to match cab

Grand Total:	\$147,377.00
FET Tax	\$0.00
Grand Total	\$147,377.00

Options:

Texoma 18 TXD104-48 auger 18" with steel blade teeth, 5/16" flighting and 2-5/8" hex bushing.	\$1,029.00 ea.
Boom Stow Protection For Controls Above Rotation:	\$822.00
* Protects against damage from excessive down pressure by cutting off oil supply to the derrick.	
* Includes a 2 channel electric collector ring.	
Stop / start at command post.	\$120.00 ea.
Remote engine stop / start control from rear of vehicle.	\$492.00 ea.
Bumper kit for Warn Winch on Ford chassis.	\$1,170.00
Winch control installed at front bumper.	\$402.00
Winch control installed in chassis cab.	\$402.00
Braden PD18C-11 DB FEB Hydraulic Planetary Front Mounted Bumper Winch Including:	\$6,308.00
* 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.	
* Painted White to match chassis	
Braden AHGU5 Hydraulic Two Speed Low Mount Rear Mounted Winch Including:	\$6,158.00
* 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.	
Bumper Marker	\$70.00
* Terex Utilities Part # BA30066	
Flag Holder	\$57.00
* Terex Utilities Part # FOP 10067	
Collapsible Take-up Reel:	\$738.00
* 4,000-lb maximum pulling force.	
* 20" diameter, 28" overall.	
* Bayonet style socket fits 2-7/16" shaft.	
CR reel storage bracket.	\$335.00
Controls For 2-Sets Of Outriggers And Auxiliary Tool Outlets Below Rotation:	\$895.00
* Recessed at rear of truck each side for ease of view for outrigger placement.	
* Includes switches and alarm for outrigger in motion alarm.	

Approx 18" x 18" poly outrigger pads.	\$93.00 ea.
Laminated wood outrigger pad 24" x 24" x 2-1/4" with rope handle.	\$145.00 ea.
Rubber wheel chocks with eye bolt.	\$41.00 ea.
Level indicator, pointer type. Located at the rear of the T-40 box.	\$36.00
Gunnebo Johnson 7JH swivel hook.	\$367.00
Crosby Laughlin # 8.5.S.1 Swivel Down Haul Weight	\$976.00
BP100A 15 ton pintle hook: * Safety chain eyes. * Chassis frame reinforcements. * Standard height	\$482.00
125' x 7/8" Spectron II rope with eye in one end.	\$768.00
Nylon roll-up in lieu of steel cable:	\$46.00
Nylite spool and shield for winch rope.	\$96.00
Roller #61 down haul weight.	\$358.00
Shackle 1".	\$68.00
Two Part Line Attachment: * Two-part line attachment includes one snatch block and hardware.	\$826.00
Midland 7-prong trailer socket.	\$125.00
12 VOLT POWER OUTLET	\$112.00
Horizontal enclosed ladder box with rubber covered rear roller: * 16-gauge construction.	\$477.00
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.	\$245.00
Hannay spring rewind grounding reel.	\$981.00
Manual Grounding Reel • Terex Utilities Part # FA20001	\$644.00
Hannay spring loaded hydraulic hose reel with 4-way roller assembly. Located at the rear of the tail shelf and on the curbside.	\$788.00

Buyer Products tow hooks, one pair.

\$333.00

Master door rod lock system.

\$211.00

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.

\$700.00 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.

\$776.00 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.

\$952.00 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.

\$1,002.00 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.

\$1,016.00 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.

\$1,152.00 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.

\$1,225.00 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.

\$1,327.00 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.

\$581.00 ea.

Compartment With Top Opening Lid: **\$639.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 60"L.
* Equipped with earn-action hasp and chain stops.

Compartment With Top Opening Lid: **\$816.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with earn-action hasp and chain stops.

Compartment With Two Split Top Opening Lids: **\$1,042.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with earn-action hasp and chain stops.

Compartment With Two Overlapping Top Opening Lids: **\$1,042.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with cam-action hasp and chain stops.

Compartment With Top Opening Lid And One End Drop Down Door: **\$885.00 ea.**
* 12-gauge tread plate top,
* 18"W x 18"H x 60"L.
~quipped with rotary paddle latch and cam-action hasp and chain stops.

Compartment With Top Opening Lid And One End Drop Down Door: **\$1,002.00 ea.**
* 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.

Compartment With End Drop Down Door: **\$750.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 60"L.
* Equipped with rotary paddle latch and chain stops.

Compartment With End Drop Down Door: **\$867.00 ea.**
* 12-gauge tread plate top.
* 18"W x 18"H x 120"L.
* Equipped with rotary paddle latch and chain stops.

Compartment With Side Vertical Door: **\$777.00 ea.**
* 12-gauge tread plate top.
* 24" W x 18"0 x 46" H.
* Equipped with rotary paddle latch and chain stops.

Braden PCD24B Hydraulic Capstan Drive: **\$3,916.00**
* 4,000-LB rating.
~Spring applied hydraulically released parking brake.

Tekonsha Voyager electric brake control. \$256.00

"Lanley Crimper **\$1,759.00**
* Terex Utilities part # STNCT10016N

Operator light at controls. \$190.00

Whelen Strobe Light Model L32L Super LED \$428.00 ea.

Whelen 500 Series Tir Super Led **\$315.00 ea.**
* Whelen Part #50C003ZAR

VISTA strip compartment light. **\$146.00 ea.**

Whelen Part# 50A-00-Far Strobe Lights **\$159.00 ea.**

Go Light #2067 **\$352.00 ea.**
* Terex Utilities Part #LA75003

Unity AG-R-H halogen 6" spotlight with mounting bracket. \$222.00 ea.

Hour meter for power take off engagement time or engine hours, specify. \$87.00

110 Volt Outlet \$143.00

~mensions 1200 Watt Inverter **\$1,166.00**
Terex Utilities part # FA26002

Mule Tape Driver **\$4,504.00**
* M15
* Includes Torque Wrench, Reel and 1500 ft of Mule Tape

Reflective Tape **\$109.00**
* Terex Utilities Part # LA20035

Redi-Line DA12L electric generator, 1600W, 120VAC, 15A. \$1,353.00

Bracket for storing grounding cable. \$166.00

Ground Cable Black 1/0: **\$146.00**
* 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.

Ground Cable Black 2/0: **\$197.00**
* 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.

Lanley Pole Tamp **\$1,037.00**
Terex Utilities part #STNT A541 03

Ice Chest Bracket \$208.00

• ssum belly door at rear.	\$182.00
Paint Boom Safety Yellow In lieu of Standard White.	\$790.00
One pair of rubber dock bumpers at rear.	\$115.00

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 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 payment is due upon chassis receipt at our facility.
- 6. Quotation good for 30 days. Contact us for a possible extension if required.
- 7. Chassis requires clean frame rails, side and top. Relocation of chassis components, to facilitate equipment installation, will be in addition to above quoted price.
- 8. 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

Digger Derrick | TEREX Telelect General

GENERAL



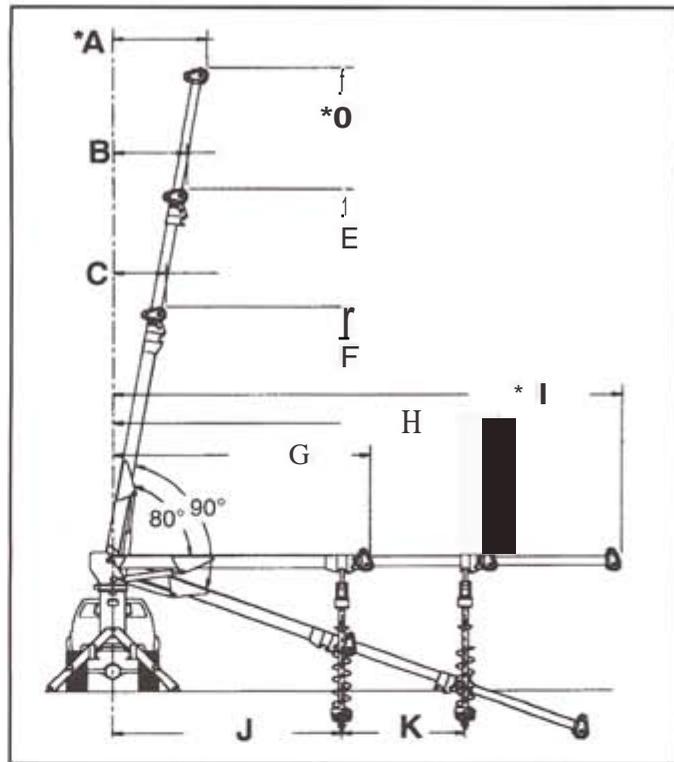
GENERAL

STANDARD EQUIPMENT

- Dual Lift (Cylinders)
- Continuous Unrestricted Rotation
- Box Fabricated Booms
- Turret Mounted Planetary Winch
- Dual Handled Rack Coritrols
- Steel Main and Second Section Booms
- Fiberglass Hydraulic Third Section
- Open Center Hydraulic System
- Planet Gear Drive Rotation
- 60 Gallon Hydraulic Oil Reservoir
- Custom-Made Zoned Load Chart
- Angle Indicator
- Interlocks
- Boom Interlock

OPTIONAL EQUIPMENT

- Tilt Pole Plummer
- Transferable Pole Buddy (for fiberglass 3rd only)
- Tilt Pole Plummer Interlock
- Diggers/Augers
- Various Types of Auxiliary Outriggers
- Radio Remote Controls
- Fiberglass Personnel Platforms
- Platform Liners and Covers
- Hydraulic Tool Power
- Top Controls
- Start Stop Top Controls
- Thrust Advance at Top Controls



*Indicates Dimensions Which Apply To 4 Section Boom

- Hydraulic Overload Protection
- Material Handling Jib and Winch
- Pole-Puller
- Steel Rod & 4ft Jib (Jib Available with Transferable Pole Buddy)

CAPACITIES & DIMENSIONAL DATA

Model	Maximum Capacity	Capacity @ 10 ft. Radius	Load Radius			Sheave Height			Horizontal Reach			Digging Radius	
			A	B	C	D	E	F	G	H	I	J	K
GENERAL '54	50,000lb (22,680 kg)	22,600lb (10,251 kg)	7.6 ft (2.3 m)	5.6 ft (1.7 m)	3.7 ft (1.1 m)	53.3 ft (16.2 m)	42.0 ft (12.9 m)	31.6 ft (9.6 m)	20.1 ft (6.1 m)	32.1 ft (9.8 m)	43.1 ft (13.1 m)	16.0 ft (5.0 m)	12.0 ft (3.7 m)
GENERAL '65	48,000lb (21,773 kg)	21,000lb (9,526 kg)	9.7 ft (3.0 m)	7.0 ft (2.1 m)	4.0 ft (1.3 m)	65.1 ft (19.8 m)	50.3 ft (15.3 m)	35.5 ft (10.8 m)	25.1 ft (7.7 m)	40.1 ft (12.2 m)	55.1 ft (16.8 m)	21.0 ft (6.5 m)	15.0 ft (4.6 m)
GENERAL '80	46,750lb (21,206 kg)	20,500lb (9,299 kg)	12.8 ft (3.9 m)	7.0 ft (2.1 m)	4.0 ft (1.3 m)	79.9 ft (24.4 m)	50.3 ft (15.3 m)	35.5 ft (10.8 m)	25.1 ft (7.7 m)	40.1 ft (12.2 m)	70.1 ft (21.4 m)	21.0 ft (6.5 m)	15.0 ft (4.6 m)
GENERAL '95	35,650lb (16,171 kg)	19,800lb (8,981 kg)	15.5 ft (4.7 m)	8.0 ft (2.6 m)	5.1 ft (1.6 m)	95.6 ft (29.1 m)	58.2 ft (17.7 m)	39.5 ft (12.0 m)	29.1 ft (8.9 m)	48.1 ft (14.7 m)	86.1 ft (26.2 m)	25.0 ft (7.7 m)	19.0 ft (5.8 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:

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Utilities

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USA

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