

Utilities

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8/2/2006

Quote Number: 61810023

Tallahassee Electric Operation
2602 Jackson Bluff Rd
Tallahassee FL 32301

Attention: Terry Lowe

Phone: 850-891-5531

Fax: 850-891-5162

Qty. Description

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SPECIFICATIONS MINI-DERRICK 33-PLUS

BASE

The machine base will fit through a 36 inch garden gate. The base is approximately 10 feet long and 28 inches high. The frame supports the power unit to drive the base and the boom. A hydraulic tank is located on the base. An additional jib boom offers 41 FT of sheave height.

DRIVE WHEELS

Each of the four drive wheels is powered by a separate hydraulic motor. The unit is non-skid steering. A hydraulic cylinder and linkage arm assembly steers the front wheels helping reduce tire wear as well as damage to lawns and soft surfaces. The speed of the Mini-Derrick will be approximately 1 foot per second. The two rear drive motors have fail-safe brakes which can hold the Mini-derrick stationary on an incline up to 30 degrees (angle from front to rear, not left to right). Dual rear-stabilizing wheels are included with the standard machine.

POWER

The power for the base and aerial device will be a 20 HP Honda gasoline engine (optional 24 HP Honda gasoline, or 18.8 HP Kubota diesel) driving a hydraulic pump and electric generator. The engine is electric start.

OUTRIGGERS

At each corner of the Mini-Derrick frame there is an outrigger that rotates out to extended position (manually), before extending HYDRAULICALLY down. Controls for the outriggers are at the lower control station. Positive lock valves are part of each outrigger.

Description

TURRET

The turret weldment consists of a base plate and two-side plates. The turret base plate is bolted to the main ball-bearing gear on top of the base and supports the fluid motor and gear reduction drive system. The elevation cylinder pin and boom pin have grease fittings for proper maintenance.

BOOM ASSEMBLY

The boom assembly is rated for category C (46KV) insulation and consists of three sections. The main boom and the intermediate boom are steel construction, while the final extension boom is made from filament wound fiberglass. Total boom extension of 20 feet is provided by the two 10 ft., double-acting, hydraulic extension cylinders. The boom has a sheave height of 33 feet when fully extended. The optional jib boom extends the sheave height to 41 feet. An innovative **TRACK SYSTEM** feeds the auger motor and boom tip accessories.

ROTATION

The turret and boom assembly rotate on a shear ball-bearing gear. A hydraulic motor and worm gear reduction drive the turret rotation. The unit can rotate 360 degrees and may also be manually rotated in the event of power failure.

ELEVATION

A double-acting **5 INCH BORE** cylinder elevates the booms. The booms travel from -10° to +80°. A pilot-operated holding valve prevents free fall in the event of hose failure.

NEW!!!!

A third stage fiberglass boom is available with hydraulic extension. Control the fiberglass boom extension independently from steel boom section. Use the 8FT. jib to hang transformers on 45 FT. poles !!!!!.

GROUND CONTROL STATION

Ground controls are located at the rear of the machine for easy operator access. The controls operate all machine functions: boom elevation, boom extension, turret rotation, winch drive, auger operation, pole claw operation, forward/reverse drives, steering, and outrigger extension.

WINCH

A 3000 lb. **planetary winch** is mounted to the main boom. High strength nylon rope is used for insulating purposes

Description

EARTH AUGER

A hydraulically driven auger package **PERMANENTLY** attaches to the telescopic boom assembly for the installation of poles (auger and auger drive can be removed if required). The planetary auger drive can deliver up to 2500 foot-pounds of torque. An 18 inch auger is standard with the unit; however, other sizes are available as options.

HYDRAULIC TOOL OUTLETS

Hydraulic tool outlets, controlled by a switch at the control station, are provided at ground level.

POLE CARRIER BRACKETS

Two pole carrier brackets are mounted to the frame and quickly detach by removing a pin and sliding the carrier out of its mounting bracket. The mini-derrick easily transfers a utility pole from the trailer to the base-mounted brackets and carries the pole to job site.

REMOTE RADIO CONTROLS

The remote radio controls feature a full feathering, single-hand-held transmitter with 5 switches and a proportional trigger. The controls, which operate within a 350 foot radius of the machine, operate most of the machine functions: boom elevation, boom extension, turret rotation, winch drive, auger operation, and pole claw operation. Functions not controlled by the radio controls include forward/reverse drives, steering, and outrigger extension.

PERSONNEL BUCKET

The 2' x 2' x 4' fiberglass bucket with liner and manual brake can easily be pinned and unpinned from the fiberglass boom tip.

POLE GUIDE

The hydraulic pole guide has multiple angle positions and is removable.

JIB

A detachable fiberglass jib includes **HYDRAULIC** angle adjustment. The jib length can be manually adjusted by simply removing a pin and sliding the jib in or out. The optional jib boom offers a total 41 **feet** of sheave height. The jib is ideal for hanging **TRANSFORMERS** on poles up to 45 feet high.

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Description

Trailer Specifications

- **Manufacturer: Bri-Mar, Inc.**
- Model#: EH16-10
- GVWR: 10000 lb.
- Empty Weight: 2410 lb.
- Deck Height: 20 inches
- Bed Length: 16 feet
- Width Inside Fenders: 82 inches
- Width Outside Fenders: 102 inches
- Tires: Goodyear Radial 225/75R15D
- Axles: 5200 lb. Dexter EZ-Lube 4 inch drop
- Brakes: Electric 12 x 2 - All Wheels
- Break-away Switch with Battery
- Paint: Powder-coated Black
- Deck: 2 inch Pressure Treated Decking
- 6 inch Channel Iron Main Frame
- Cross Members: 3 inch Channel Iron
- Loading Ramps: 5 feet long
- 7,000 lb. Drop Leg Jack with Chain Basket
- 3 inch Pintle Ring with Vertical Adjustment
- Diamond Plate Fenders

Description

Grand Total:	\$94,500.00
FET Tax	\$0.00
Grand Total	\$94,500.00

Notes:

1. Prices are FOB Shipping Point, delivery prepaid and included.
2. Prices exclude any applicable taxes or license fees.
3. Terms: Net 10 days with pre-approved credit.
4. Quotation good for 30 days. Contact us for a possible extension if required.
5. Delivery from receipt of order approximately 210 to 240 days or 90 days after receipt of chassis, whichever is greater.
6. Terex Telelect is ISO 9001 :2000 Certified.

Terex Utilities South – White House

Accepted By:

Order Coordinator—Josh Fawley

PO Number: _____

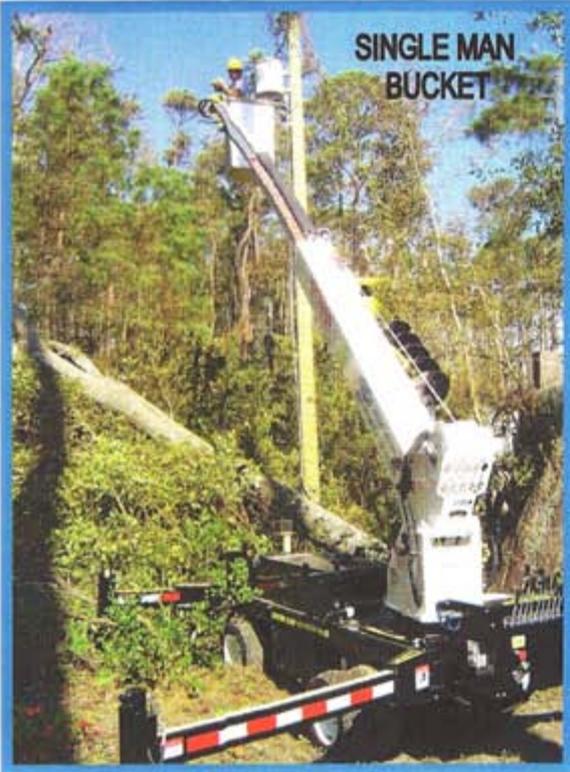
Account Manager –Charlie Mathews

Date: _____

8' JIB ARM



SINGLE MAN
BUCKET



MINI-DEP CK33-PLUS

SPECIFICATIONS

STANDARD UNIT INCLUDES THE FOLLOWING:

- 3-SECTION INSULATED BOOM ASS'Y.
- 24 HP HONDA ENGINE
- 3000 LB. WINCH
- 2500 lb-ft AUGER DRIVE WITH 18 INCH DIAMETER AUGER
- AUTOMATIC AUGER STORAGE ON MAIN BOOM
- FULL PRESSURE CONTROLS
- OPERATOR PLATFORM
- TRAILER PER SPECS.
- DUAL REAR WHEELS
- TRACK HOSE CARRIER
- 5-INCH BORE LIFT CYLINDER (BIGGEST IN INDUSTRY)
- OUTRIGGER SAFETY INTERLOCKS

OPTIONS

- HYDRAULIC OVERSTRESS PROTECTION
- 3 CYLINDER KUBOTA DIESEL
- HYDRAULIC POLE GUIDE
- TRANSFORMER/MATERIAL HANDLING JIB
- RADIO REMOTE CONTROLS
- POLE CARRIER (2)
- 110V OUTLETS AT THE BASE
- RUBBER SKID-STEER TRACK DRIVE
- 24" X 96" MOBILE MATT (37 LBS. EACH, SET OF FOUR)
- FIBERGLASS BOOM FULLY HYDRAULIC
- ONE SINGLE MAN-BUCKET WITH BRAKE AND LEVELER
- TWO SINGLE MAN-BUCKETS WITH BRAKE AND LEVELER



MINI-D 33 PLUS



Proudly Manufactured
in the USA

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440-960-2100

