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TO David Rago
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- 1 – New GRT Utilicorp Hydraulic Drop Hammer Post Driver Model UTHDLPD with 13', 15'6" or 17' leads, 1200-1500 lb. hammer, two (2) hydraulic boom cylinders, hydraulic hammer raising cylinder, large capacity oil tank (80 gal.) with heavy duty oil cooler, follow block for interchangeable driving heads, reversible foot for driving behind string line or guardrail, cable sheaves w/bearings and cable spool with 150' of 1/2" cable.
 - 1 – Steel flatbed platform with new style stacked hydraulic motor, brake and gearbox with heavy duty sprocket and chain, heavy duty turntable ring w/heavy duty nylatron wear plates, HD counterweight box, fore & aft movements, legal lighting, manual spring lockouts and mud flaps, mounted on customer's 102" C.A. truck (If truck is not 102" C.A., there will be a charge for altering the bed.) (Preferably an USA or Canada Standard Domestic Truck), Due to new emission specifications, exhaust systems must be compatible with our equipment and installation.
 - 1 – John Deere 4.5 74hp Diesel Engine with hydraulic pump
 - 1 – Operator's seat installed
 - 2 – Underbody tool boxes installed
 - 1 – Heavy duty post puller w/HD chain and post clamp for 4X6 and 6X6 steel posts
 - Adapters to drive post sizes as per customer's needs
 - Unit painted customer's color (Special paints would be extra.)
 - 1 – Set of Manuals – Maintenance, Operation & Parts Total Machine
- OPTIONS:
- 1 – #40050 Remote Control Cotta installed – includes manuals (For remote control, truck **must** have air brakes.) Total Remote

GRT UTILICORP SELF CONTAINED (SC) DRIVER SPECIFICATIONS
(DUAL LIFT STYLE)

TRUCK BED &
TURNTABLE RING:

The longitudinal and cross sills up the truck bed shall be made from 4 inch channel, 7.25 lbs. per foot. The bed floor shall be 1/8 inch diamond plate steel permanently welded to the cross members and the outer edge bed rails which are also to be 4 inch channel 7.25 lbs. per foot. The turntable ring shall be made from W5X18.9 steel and welded to the bed cross members. The center pin housing is to be made from 10 inch O.D. X 9 inch I.D. steel and welded to the appropriate cross members with adequate welded braces to insure structural integrity. The center pin housing shall be equipped with a nylatron bushing that has a 9 inch O.D. and a 8 inch I.D. A bulkhead located at the front of the bed shall be made from 3/16 inch X 8 inch steel and extend rearward at the front corners of the bed for a distance of approximately 8 inches

TURNTABLE:

The 245 degree rotation turntable provides support for the fore & aft frame. The turntable is fabricated from 4”X4” H-Beam with 2-3/4”X5” channel for major cross members. The turntable is supported by the one piece turntable ring made from W5X18.9 steel.

MAIN FRAME:

Heavy duty 6 inch box beam main frame with 36 inches of in and out travel

HAMMER LEAD
ASSEMBLY:

Heavy duty 4-1/2” square tube construction w/main boom that is constructed from 6X6 square tubing. Boom lengths available – 15’X6”

HAMMER:

1200 lb. hammer with 3 inch rod hydraulic hammer cylinder, 12 feet of hammer stroke

DRIVER HEAD:

Fabricated steel anvil. The driver head is 3”X8” composite material.

FOOT ASSEMBLY:

Heavy duty reversible foot assembly with 42 inch stroke. Foot will handle 10X10 posts and adapt to all smaller sizes. Also will accommodate the SKT/FLEAT-SP #1 bottom Post with soil plate

<u>ANVIL:</u>	Adapters are to be bolted to the anvil by four – ¾” bolts. One man must be able to change adapters in minutes.
<u>COUNTERWEIGHT:</u>	The counterweight shall be of steel plate and approximately 2500 lbs.
<u>CABLE SHEAVES:</u>	Shall be heavy duty 6” and 7” cable sheaves with ball bearings, ½” wire rope cable.
<u>POST PULLER:</u>	The post puller shall use a dedicated heavy duty 4”X48” cylinder that develops 18,000 lbs. of pulling force.
<u>ENGINE:</u>	Shall be John Deere Diesel Model 4045L Interim IV – 74HP – @2400 RPM complete w/4DLT battery, low oil pressure – high temperature emergency shut down system, tachometer, hour meter and all gauges – oil pressure, amp & water temperature
<u>HYDRAULIC SYSTEM:</u>	Hydraulic pump – 40 GPM – 2000 PSI Hydraulic tank 80 gal. capacity with external oil cooler, 100 mesh suction strainer, sight glass oil level indicator for full and low marks, bolt on top inspection cover, breather & fill cap with dirt strainer screen, and high capacity 10 micron full flow filter
<u>HYDRAULIC CYLINDERS:</u>	Shall be heavy duty commercial cylinders with chrome rod as follows: Fore & Aft – 4” Bore, 2” Rod Lift - 3-1/2” Bore, 1-3/4” Rod Foot – 2-1/2” Bore, 1-1/4” Rod Positioning – 2-1/2” Bore, 1-3/8” Rod Post Puller – 4” Bore, 2” Rod Hammer – 3” Displacement Type

OVERALL DIMENSIONS = GENERAL:

MACHINE BASE: Is to be 95” Wide and fit 102” C.A. single axle truck
WEIGHT: Approx. 13,500 lbs. less truck without drill attachment

MACHINE POSITIONING: 245 Degree turntable. 3’ Main frame in and out travel – 45 degree boom side leveling travel (22.5 Degrees from vertical). Elevating – from rest to 13 degrees over vertical. Positioning cylinders - +/- 15 degrees. Foot travel – 42” stroke

TRUCK REQUIREMENTS: 29,000 Minimum GVW truck with 102” C.A., minimum 300 HP Cummins engine, 9000 FA – with shock absorbers, 20,000
RA – 23,000 springs, multi leaf with helpers, with shock absorbers, Transmission should have at least a 500 lb torque rating or Allison automatic transmission. Inverted L frame reinforcement, power steering, increased cooling, air brakes, West Coast mirrors, 425/65R22.5 Front 11R22.5 24240
Rear tires, or equivalent, grab handles, 50 gallon step fuel tank, tilt hood

#40050 REMOTE CONTROL COTTA INSTALLED Remote control cotta installed – includes manuals (for remote control, Truck **must** have Air Brakes

TOOL BOX: 2 Tool boxes (if room is available) 18”X18”X60” shall be mounted under body.

PAINT: Shall be urethane enamel(Omaha Orange)

BODY LOCKS: Spring energized locking arms with chain lockouts, Manually operated.

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