



Elliott Digger Derrick
EQ # TBD: Specs

Product Description:

D105 Basic Unit

Product Specifications:

Rear mount sub frame and an 18' steel 3-piece bed integral to sub frame. A 28'6" retracted to 95'-0" extended 4-section proportional boom. Sheave head shall be equipped with three sheaves. Winch features a 15,000 lb. bare drum pull with 335' of 7/8" diameter synthetic rope and a 12,000 lb. single line pull. External boom hard-wired anti-two-block and Load Moment Indicator (LMI) hydraulic overload protection system. Continuous rotation. Hydraulic system include a piston pump, 119 gallon oil reservoir with sight and temperature gauge, 10 micron return line filter, and single gate valve on suction line. Oil cooler. Rotating, front entry, open air operator station with reclining seat and controls that rotate with turret. Includes engine start/stop switch, bubble level gauge, signal horn, variable speed throttle, lifting capacity chart, range diagram chart, boom angle indicator, system pressure gauge, cup holder, 12V power outlet, and height adjustable back rest. 20,000 ft./lb. two-speed auger with 3" hex drive. 3" Kelly bar. 41' digging radius. Two sets of "Out-and-Down" type outriggers located at front and rear with 20' center to center extended span and equipped with removable ball socket aluminum pads. Ground operated outrigger controls under each side of bed. Emergency stops located on both sides of the bed and lower operator station. Full and mid-span outrigger load chart. Horizontal type boom rest at end of sub frame. Downhaul weight with hook. Maximum tip height of 105' and maximum lifting capacity of 15 US tons at 10 radius. 360 degree stability on most chassis' without front stabilizer. Unit certified to ANSI/ASSE A10.31 for Digger Derricks.

Bed / Bumper Options:

18' Steel 3-Piece Bed With LED Lights and Grip Deck Coating (Inc. in Base Price)

Lifting Options

15-Ton Hook Block

PTO Options:

Hot Shift PTO For Automatic Transmission

Clockwise Rotation Pump (Required for Automatic Transmission)

Tool Box Options (Aluminum):

48" x 24" x 24" Aluminum Underbody Mounted (Treadplate-No paint) - Mounted streetside at front of bed

Flighting Options

24" Auger Flighting (3" Hex)

Additional Options

XL Hydraulic Pole Claw (Includes Gripping and Tilting Functions)(Requires Dual Hose Reel Option)

Dual Boom Mounted Hose Reels for Pole Claw

5-Function Radio Remote Controls w/ LMI screen

Vertical Holder On Bed For 15-ton Hook Block

Paint Option

Paint Digger Derrick Turret, Boom, and Control Platform White. Subbase, Bed Wings, and Reservoir to be Black. Outriggers and Boom Stand to be Red.

Mounting

Mounting for standard unit on unobstructed truck frame. Includes hydraulic fluid, electronic throttle interface, mud flaps, backup alarm, safety triange kit, final stability test. Includes installation of rear bumper assembly and bed wings.

CHASSIS:

Freightliner M2-106 6x6, 350hp Cummins L9 diesel engine (1150 lb/ft), 260" WB, 194" C.T., 110" AF, Allison 3000 RDS automatic transmission, 58,000GVWR, 18,000 lb front axle, 40,000 lb rear axle, 395/65R22.5 ply fornt tires, 11R22.5-14 ply rear tires, air brakes, air dryer, Hor exhaust, Tuftrac rear suspension, Rear differnetial lock, Engine block heater, 50 gallon aluminum fuel tank (LH), AM/FM radio, cruise control, air conditioning, Air ride driver seat, fixed passenger seat, tinted glass, Color: White.