

DRILLMAX[®]

Manufacturer of Geothermal & Water Well Rigs

MAX 400 | Standard Specifications



For further details and pricing please contact:
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SUB FRAME

- Construction..... 15 ft. in length
- Component supporting sub frame integral retractable table providing 16 in. opening for casing placement.

MAST

- Construction..... 30 ft. length
- Sealed bearing hoisting sytem with internally protected cylinder.
- Retract table provides 16 ft. opening.

DRILL POWER

- PTO driven by heavy-duty oil flooded pump drive gear case with direct coupling to all hydraulic pumps.

HYDRAULIC SYSTEM

- Independent systems for each main circuit allowing for continuous drilling operations while handling drill pipe.
- Includes 85 gal. hydraulic tank with oil cooler and filtration.

FEED SYSTEM

- Type..... Hydraulic cylinder with leaf chain drive
- Stroke..... 24 ft.
- Rated Pullback..... 15,000 lbs.
- Rated Pulldown Pressure 10,000 lbs.

ROTARY HEAD

- Type..... Top drive oil flooded gearbox with integral 2 in. adjustable swivel
- Speed Available up to 300 RPM
- Torque..... Available up to 63,000 in-lbs.

STANDARD PIPE HANDLING EQUIPMENT

- Holding wrench..... Air Operated
- Breakout Cylinder..... Hydraulic cylinder with 48 in. adjustable wrench
- Winch..... 7,500 lbs. capacity with 100 ft. x 1/2 in. non-rotating wire rope and safety hook
- JIB Boom Hydraulically swings and extends to center over pipe rack loader

LEVELING JACKS

- Rear..... Two 30 in. stroke
- Front..... Two 36 in. stroke

TRUCK CHASSIS

- International 7300 4x4

WEIGHT

- Approximate operating weigh 32,000 lbs.

DIMENSIONS

- Length..... 31 ft.
- Width..... 8 ft.
- Height 11 ft.

OPTIONAL EQUIPMENT

- Mud Pump: Hydrastatic driven up to 5 x 6 Duplex or 3 x 4 x 13 Centrifugal
- Air Compressor: Hydrastatic driven 500 CFM at 200 PSI Piston
**When used with Duplex Pump*
- Drill Pipe Rack for 300 ft. of 2 7/8 in. x 20 ft.
- CMAX Semi-Automatic drill pipe loading system with up to 15 pieces (300 ft) 2 7/8 in. drill pipe