

# DRILLMAX<sup>®</sup>

Manufacturer of Geothermal & Water Well Rigs

## MAX 450 | Standard Specifications



### SUB FRAME

- Construction..... 19 ft. 6 in. length, 8 ft. in width
- Component supporting sub frame integral retractable table providing 16 in. opening for casing placement.

### MAST

- Construction..... 32 ft. length
- Sealed bearing hoisting system with internally protected cylinder.

### 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 100 gal. hydraulic tank with oil cooler and filtration.

### FEED SYSTEM

- Type..... Hydraulic cylinder with leaf chain drive
- Stroke..... 26 ft.
- Rated Pullback..... 20,000 lbs.
- Rated Pulldown Pressure ..... 14,000 lbs.

### ROTARY HEAD

- Type..... Top drive oil flooded gearbox with integral 3 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..... 12,000 lbs. capacity with 150 ft. x 5/8 in. non-rotating wire rope and safety hook
- JIB Boom ..... Hydraulically swings and extends to center over pipe rack loader

### LEVELING JACKS

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

### TRUCK CHASSIS

- International 7300 with 330 HP
- Peterbilt 348 with 330 HP

### WEIGHT

- Approximate operating weight ..... 32,000 lbs.

### DIMENSIONS

- Length..... 34 ft.
- Width..... 8 ft.
- Height ..... 11 ft. 6 in.

### OPTIONAL EQUIPMENT

- Mud Pump: Hydrastatic driven up to 5 1/2 x 8 Duplex or 3 x 4 x 13 Centrifugal
- Air Compressor: Hydrastatic driven 500 CFM at 200 PSI
- CMAX Semi-Automatic drill pipe loading system with up to 15 pieces (300 ft) 2 7/8 in. drill pipe

For further details and pricing please contact:  
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