

# T-624

## 2000 HP ELECTRICAL DC DRILLING RIG

**TECHNICAL OVERVIEW**

|                       |               |
|-----------------------|---------------|
| <b>Rating</b>         | 2000 HP       |
| <b>Hook load</b>      | 1,100,000 lbs |
| <b>Drilling depth</b> | 20,000 ft     |
| Refurbished in 2022   |               |

**MAST**

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Maker &amp; Model</b>         | DERRICK SERVICE<br>INTERNATIONAL  |
| <b>Suitable for:</b>             | Triple stands range 2 drill pipes |
| <b>Static hook load capacity</b> | 1,100,000 lb with 12 lines        |
| <b>Clear height</b>              | 142 ft                            |

**SUBSTRUCTURE**

|                          |                        |
|--------------------------|------------------------|
| <b>Maker &amp; Model</b> | NATIONAL 1320-UE       |
| <b>Rotary Capacity</b>   | 2,000 HP               |
| <b>Setback Capacity</b>  | Band                   |
| <b>Clearance</b>         | BAYLOR ELMAGCO<br>7838 |

**DRAWWORKS**

|                          |                     |
|--------------------------|---------------------|
| <b>Maker &amp; Model</b> | NATIONAL 1320-UE    |
| <b>Rated input power</b> | 2,000 HP            |
| <b>Drum brake type</b>   | Band                |
| <b>Auxiliary Brake</b>   | BAYLOR ELMAGCO 7838 |

**TOP DRIVE**

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Maker &amp; Model</b>             | VARCO TDS11SA           |
| <b>Rated load capacity</b>           | 500 tn                  |
| <b>Max. continuous output torque</b> | 37,500 lbs-ft @ 125 rpm |

**ROTARY TABLE**

|                          |                |
|--------------------------|----------------|
| <b>Maker &amp; Model</b> | NATIONAL C-375 |
| <b>Capacity</b>          | 650 tn         |
| <b>Maximum opening</b>   | 37 1/2"        |

**IRON ROUGHNECK**

|                          |                      |
|--------------------------|----------------------|
| <b>Maker &amp; Model</b> | HAWK IND. M100K- ALS |
|--------------------------|----------------------|

**MUD PUMPS**

|                          |             |
|--------------------------|-------------|
| <b>Quantity:</b>         | 3           |
| <b>Maker &amp; Model</b> | IDECO T1600 |
| <b>Rated input power</b> | 1,600 HP    |
| <b>Working Pressure</b>  | 5,000 psi   |

**LOW PRESSURE MUD SYSTEM**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Number of mud tanks</b>        | 3                 |
| <b>Mud tanks total capacity</b>   | Approx. 1,500 bbl |
| <b>Water tanks total capacity</b> | Approx. 500 bbl   |

**SHALE SHAKERS**

|                          |                           |
|--------------------------|---------------------------|
| <b>Quantity:</b>         | 4                         |
| <b>Maker &amp; Model</b> | MI-SWACO MONGOOSE PT      |
| <b>Mud cleaner</b>       | MI-SWACO MONGOOSE 212-8T4 |

**LOW PRESSURE BOP**

|                          |    |
|--------------------------|----|
| <b>Annular Preventer</b> | NA |
| <b>Ram Preventer</b>     | NA |

**HIGH PRESSURE BOP**

|                          |                            |
|--------------------------|----------------------------|
| <b>Annular Preventer</b> | One (1) 13.5/8" - 5K       |
| <b>Ram Preventer</b>     | Two (DBL+SGL) 13.5/8" - 5K |

**CHOKE MANIFOLD GENERAL**

|                            |             |
|----------------------------|-------------|
| <b>Choke manifold</b>      | DRILLMEC    |
| <b>Size &amp; pressure</b> | 4.1/16" 10K |

**ELECTRIC GENERATION SYSTEM**

|                          |                   |
|--------------------------|-------------------|
| <b>Engine type</b>       | CATERPILLAR 3512B |
| <b>Horsepower Rating</b> | 5 x 1,476 HP      |
| <b>Control Unit</b>      | ETSCO (SCR)       |

**CAMP**

|                  |                     |
|------------------|---------------------|
| <b>Mini Camp</b> | Requested by Client |
| <b>Main Camp</b> | Requested by Client |

**ADDITIONAL EQUIPMENT**