



KING OIL TOOLS KD-12 DRILLING RIG

BUILT FOR RELIABILITY.
DESIGNED FOR THE WORK.



KING OIL TOOLS

KD-12

DRILLING RIG

TRUCK

- Chassis: Ford F-600
- Engine: 6.7L Power Stroke Diesel
- Horsepower: 330 HP
- Transmission: TorqShift 10-Speed Automatic

RIG DIMENSIONS

- Overall Length: 29 ft
- Road Height: 9 ft 10 in
- Road Width: 106 in
- Drill Height: 33 ft
- Operating Weight: 22,620 lbs

MAST/PULLDOWN/HOLDBACK

- Pullback Capacity: 12,000 lbs
- Pulldown Capacity: 8,000 lbs
- Tophead Travel Speed: 125 FPM
- Tophead Travel Length: 22 ft

TOPHEAD TORQUE & SPEED

Motor Option 1

- Speed: 90 / 180 RPM
- Torque: 2,200 / 1,100 ft-lbs

Motor Option 2

- Speed: 75 / 150 RPM
- Torque: 2,800 / 1,400 ft-lbs
- Watercourse: 2 in

MAIN WINCH

- Wire Line Size: 3/8 in
- Hydraulic Flow / Pressure: 40 GPM / 1,000 PSI

LINE PERFORMANCE

- 1st Layer:
 - Line Speed: 180 FPM
 - Line Pull: 7,200 lbs
- 2nd Layer:
 - Line Speed: 200 FPM
 - Line Pull: 6,500 lbs

ROD HANDLING

- Configuration: Dual 8-Pod Carousels
- Drill Pipe Length: 20 ft
- Total Capacity: 16 Pods (320 ft)
- Drive Type: Hydraulic

SLIDING TABLE

- Load Capacity: 12,000 lbs
- Hydraulic Slide: 4 in
- Gate Type: Swing-Open
- Opening:
 - 10 in (no bushing)
 - 12-1/2 in (table slide back)
- Holding Fork: Air Operated

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CONTROLS

- Control Location: Rear Curb Side
- Control Type: Hydraulic
- Gauges: Analog Hydraulic Gauges

STABLIZERS

- Quantity: (4)
- Stroke: 18 in
- Control: Independent

MUD PUMP

- Type: Centrifugal
- Size: 4 in × 3 in × 13 in (Short Body)
- Speed Range: 1,000 – 2,400 RPM

AUXILIARY PIPING

- Air Connection: 2-1/2 in
- Mud Connection: 2-1/2 in
- Air Valve: On / Off

OPTIONAL AIR COMPRESSOR

- Output: 185 CFM
- Pressure: 100 / 150 PSI
- Mounting: Underdeck
- Drive: Hydraulic
- Duty Cycle: 100%
- Filtration: Dual-Stage Air Inlet Filter
- Cooling: Air-to-Oil Heat Exchanger
- Protection: Integrated Safety Shutdown

OTHER OPTIONS

- Radio Controlled Setup Valve for Jacks and Mast Raising
- Toolboxes
- Ford Power Pro Option for AC120V Power
- Off Board Hydraulics
- Swinging Jib Boom

READY TO PUT THE KD-12 TO WORK?

- Call: 580-234-2121
- Email: sales@kingtools.com

