

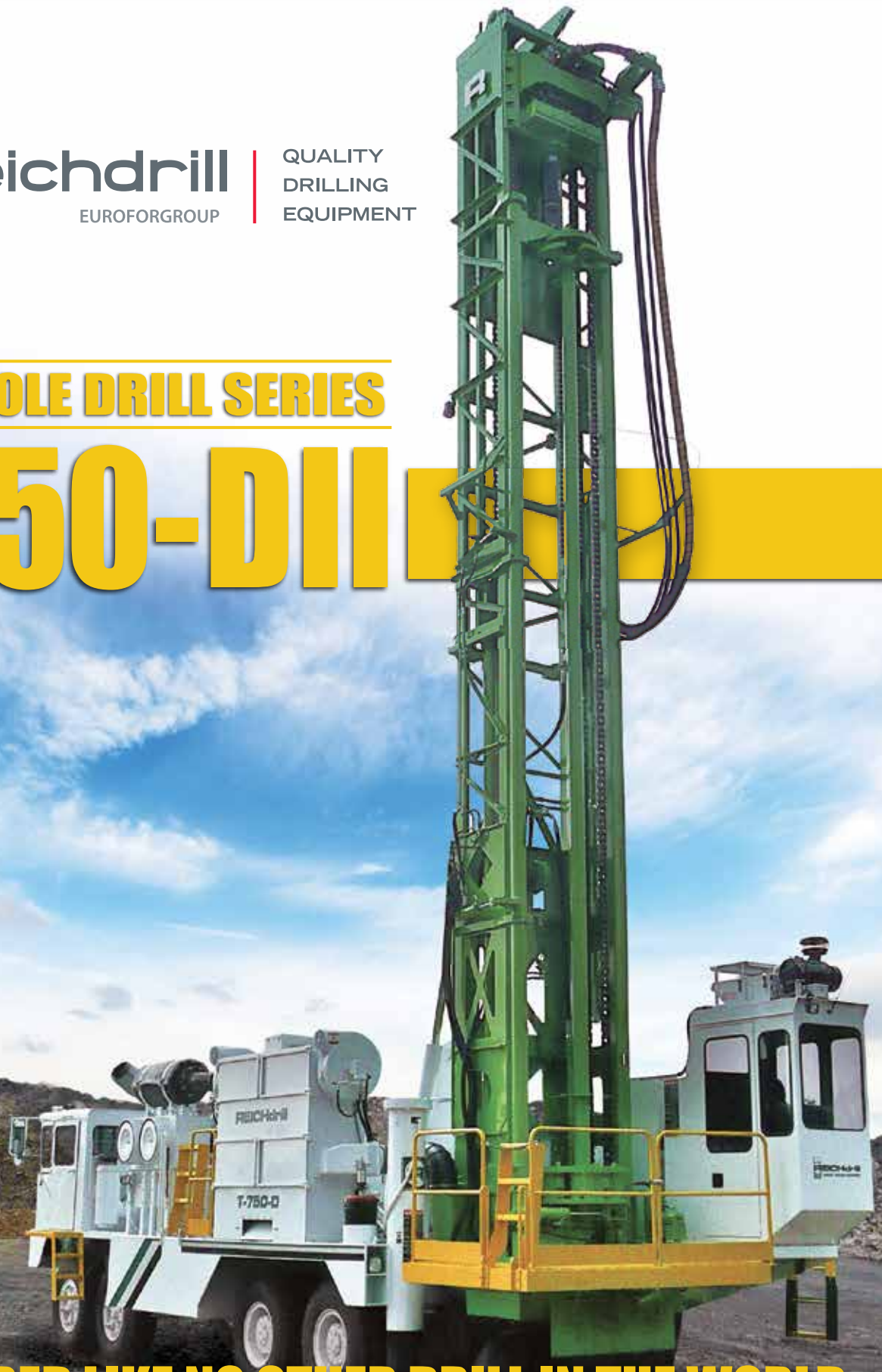


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QUALITY
DRILLING
EQUIPMENT

BLAST HOLE DRILL SERIES

T-750-D II



ENGINEERED LIKE NO OTHER DRILL IN THE WORLD.

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BLAST HOLE DRILL SERIES T-750-DII

The T-750-DII is the largest truck mounted blast hole drill available, supplying air volume up to 2000CFM, and pulldown pressures of 60,000 lbs.

RATED CAPACITY:

Rated capacity is for 8.75 in. to 12.25 in. (222 mm to 312 mm) diameter holes using rotary or down-the-hole hammer drilling for depths up to 200 ft. (61 m). Depending on tooling diameter and weight.

STANDARD MOUNTING:

Standard mounting for the T-750-DII is a heavy-duty, 8 x 4 carrier type chassis with 40,000 lb. (18,144 kg) tandem steer front axles, and 70,000 lb. (31,751 kg) tandem rear axles, with Cummins ISM 425 HP (317 kW) diesel engine, and Allison RDS automatic transmission.

PULLDOWN SYSTEM:

Up to 75,000 lb. (34,019 kg) bit loading capacity. Maximum hoist rate 224 fpm (68.2 m/pm). Maximum feed rate 200 fpm (6.1 m/pm) with REGEN engaged. Chains: Two heavy duty 200 HS roller feed and hoist chains 2.5 in. (63.5 mm) pitch. Stroke: 34 ft. (10.4 m) for 30 ft. (9.1 m) drill pipe. 13 in. (330 mm) table opening.

ROTARY HEAD:

Dual motor, 0 to 135 rpm at 134,942 lbs-in (15248 Nm) torque. (Based on 100% efficiency). Equipped with nylon guide shoes. Optional speeds and torques available.

AIR COMPRESSOR:

1360 - 2000 ICFM (38.5 - 56.7 m³/min) @ 125 - 500 PSI (8.6 - 34.4 Bar)

POWER UNIT:

Caterpillar or Cummins 700 - 950 HP (522 - 708 kW) Fuel Capacity: 520 gal. (1968 L)

MAST:

Heavy duty structural steel mast with angular stress members and steel plated reinforcement at high stress areas, total length 42 ft. 0 in. (12.8 m), raised and lowered by two 6 in. (152 mm) diameter hydraulic cylinders equipped with safety counterbalance valves. Hydraulic powered mast lock pins are provided as standard equipment.

LEVELING JACKS:

The T-750-DII utilizes three (3) leveling jacks, 6 in. (152 mm) bore x 48 in. (1.2 m) stroke, with integral check valves. 26 in. (660 mm) rear pads, 36 in. (914 mm) front pad.

DRILL PIPE HANDLING:

The standard T-750-DII is equipped with a 3 + 1 hydraulic indexing barrel loader to handle 30 ft. (9.1 m) drill pipe, 7.625 in. (194 mm) to 10.75 in. (273 mm) diameter. Hydraulic breakout and REICHdrill power tong system are standard. Also included is an 8,500 lb. (3,855 kg) fixed-over-hole winch for pipe handling. Optional loader configurations available.

COOLING PACKAGE:

L&M Radiator Company MESABI cooling package sized for - 33 deg. F to 110 deg. F (-50 C to +45 C) Ambient with electronic fan control to vary fan speeds. Optional 130 deg F (+ 54 C) package available.

AIR FILTERS:

Individual heavy duty two stage dry type filters with a pre-cleaner for engine and compressor.

NIGHT LIGHTING:

Combination of shock mounted Xenon HID and Halogen floodlights to illuminate the upper mast, table, machinery deck, and work deck area.

OPERATOR'S CAB:

Isolated FOPS operator's cab & control station with air conditioning, sound abatement, & cab pressurization provided as standard.

APPROXIMATE WEIGHT & DIMENSIONS:

Weight: 100,000 lb. (45,359 kg)
Width: 12 ft. 11 in. (3.94 m)
Height: (mast down) 14 ft. 6 in. (4.42 m)
Height: (mast up) 44 ft. 0 in. (14.25 m)
Length: (mast down) 45 ft. 3 in. (13.8 m)
Length: (mast up) 35 ft. 3 in. (10.75 m)

OPTIONAL EQUIPMENT:

- Compressor variable volume control
- REICHdrill Angle Drill Package for 0° to 20° from vertical in 5° increments.
- 9 GPM (34 L/min) water injection
- NVE dust control system
- Drill efficiency indicator
- Pipe thread greaser
- Centralized lubrication
- Wiggins "Quick-Fill" Service Center
- Full and partial walkways
- Export lift kit
- Upgraded lighting package - LED
- Fire Suppression system
- Cold weather packages
- Engine and compressor extended warranties

A word about this datasheet: Following publication of this catalog, certain changes in standard equipment, options, prices and the like, or production delays, may have occurred which would not be included in these pages. Consult REICHdrill® for up-to-date information. Rated capacity is based upon engineering specifications and calculations. This capacity will vary according to drilling conditions. We reserve the right to amend these specifications, prices and terms at any time without notice. The only warranty is our standard written warranty, REICHdrill® makes no other warranty expressed or implied and particularly makes no warranty of suitability for any particular purpose.

MADE IN USA

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