

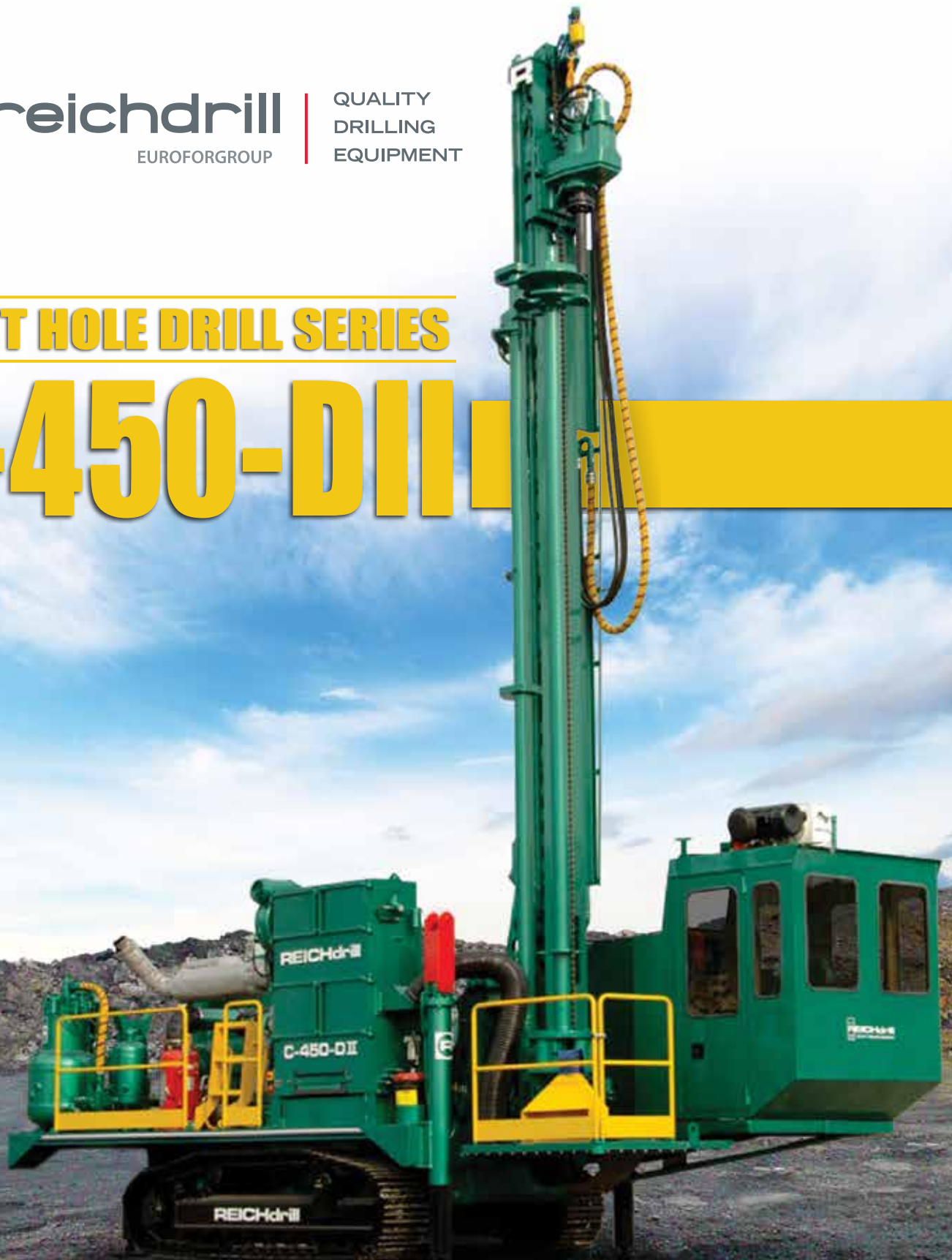


reichdrill
EUROFORGROUP

QUALITY
DRILLING
EQUIPMENT

BLAST HOLE DRILL SERIES

C-450-DII



ENGINEERED LIKE NO OTHER DRILL IN THE WORLD.

REICHdrill® • 99 TROY HAWK RUN HWY. • PHILIPSBURG, PA 16866 • P: 814-342-5500 • F: 814-342-1135
www.reichdrill.com

BLAST HOLE DRILL SERIES C-450-DII

The C-450-DII is compact, powerful, and designed for easy transport from location to location.

RATED CAPACITY:

Rated capacity is for 4.5 in. to 6.5 in. (114 mm to 165 mm) using rotary or down-the-hole hammer drilling for depths up to 118 ft. (36.0 m). Depending on tooling diameter and weight.

STANDARD MOUNTING:

Standard mounting for the C-450-DII is a heavy-duty, REICHdrill® Series 315, 19.68 in. (500 mm) wide Triple Grouser Type with 3 point oscillating suspension and a two speed hydraulically driven tram.

PULLDOWN SYSTEM:

Up to 29,000 lb. (13,154 kg) bit loading capacity. Maximum hoist rate 330 fpm (100 m/pm). Maximum feed rate 184 fpm (56.1 m/pm). Chains: Single heavy duty roller chains 2 in. (5.1 mm) pitch. Stroke: 23ft. (7 m) for 20ft. (6.1 m) drill pipe. 10 in. (254mm) table opening.

ROTARY HEAD:

0 to 135 rpm at 62,973 lbs/in (7,116 Nm) torque. (Based on 100% efficiency). Equipped with nylon guide shoes. Optional speeds and torques available.

AIR COMPRESSOR:

400-900 ICFM (11.3–25.5m³/min)@125–350PSI (8.6 – 24.1 Bar)

POWER UNIT:

Caterpillar or Cummins 440 – 540 HP (328 – 403 kW) with a 250 gal. (946 L) fuel capacity.

MAST:

Heavy duty 10 in. (254 mm) wide flange steel beam mast, total length 29 ft. 6 in. (9 m), raised and lowered by one 5.5 in. (140 mm) diameter hydraulic cylinder equipped with safety counterbalance valves. Hydraulic powered mast lock pins are provided as standard equipment.

LEVELING JACKS:

The C-450-DII utilizes three (3) leveling jacks, all 36 in. (914 mm) stroke, with built-in safety checks and 18 in. (457 mm) diameter jack pads. All jacks are 5 in. (127 mm) diameter bore.

DRILL PIPE HANDLING:

The standard C-450-DII is equipped with a 3 + 1 hydraulic indexing barrel loader to handle 20 ft. (6.1 m) drill pipe; 3.5 in. (89 mm) to 4.5 in. (114 mm) diameter. Hydraulic breakout and power tong system are standard. 2,200 lb. (998 kg) fixed-over-hole winch for pipe handling included. 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 Also, 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:

Eight (8), halogen and two (2) Xenon HID shock mounted floodlights illuminate the mast, work deck table, machinery deck, and ground area around the drill.

OPERATOR'S STATION:

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

APPROXIMATE WEIGHT & DIMENSIONS:

Weight: 49,000 lbs. (22,226 kg)-54,000 lbs. (24,493 kg)

Width: 8 ft. 3 in. (2.5 m)

Height (mast down): 11 ft. 6 in. (3.5 m)

Height (mast up): 33 ft. 7 in. (10.24 m)

Length (mast down): 35 ft.3 in.(10.8 m)

Length (mast up): 28 ft. (8.5 m)

OPTIONAL EQUIPMENT:

- REICHdrill Angle Drill Package for 0° to 30° angle holes in 5° increments.
- 9 gpm (34 L/min) water injection
- Drill efficiency indicator
- Pipe thread greaser
- Centralized lubrication
- Wiggins "Quick-Fill" Service Center
- Export lift kit
- 2 person double cab and partial walkway
- Upgraded lighting package -LED
- NVE Dust Control System
- Compressor variable volume control
- Cold Weather Package
- Fire Suppression Systems
- 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

99 TROY HAWK RUN HWY. • PHILIPSBURG, PA 16866 • P: 814-342-5500 • F: 814-342-1135 • www.reichdrill.com