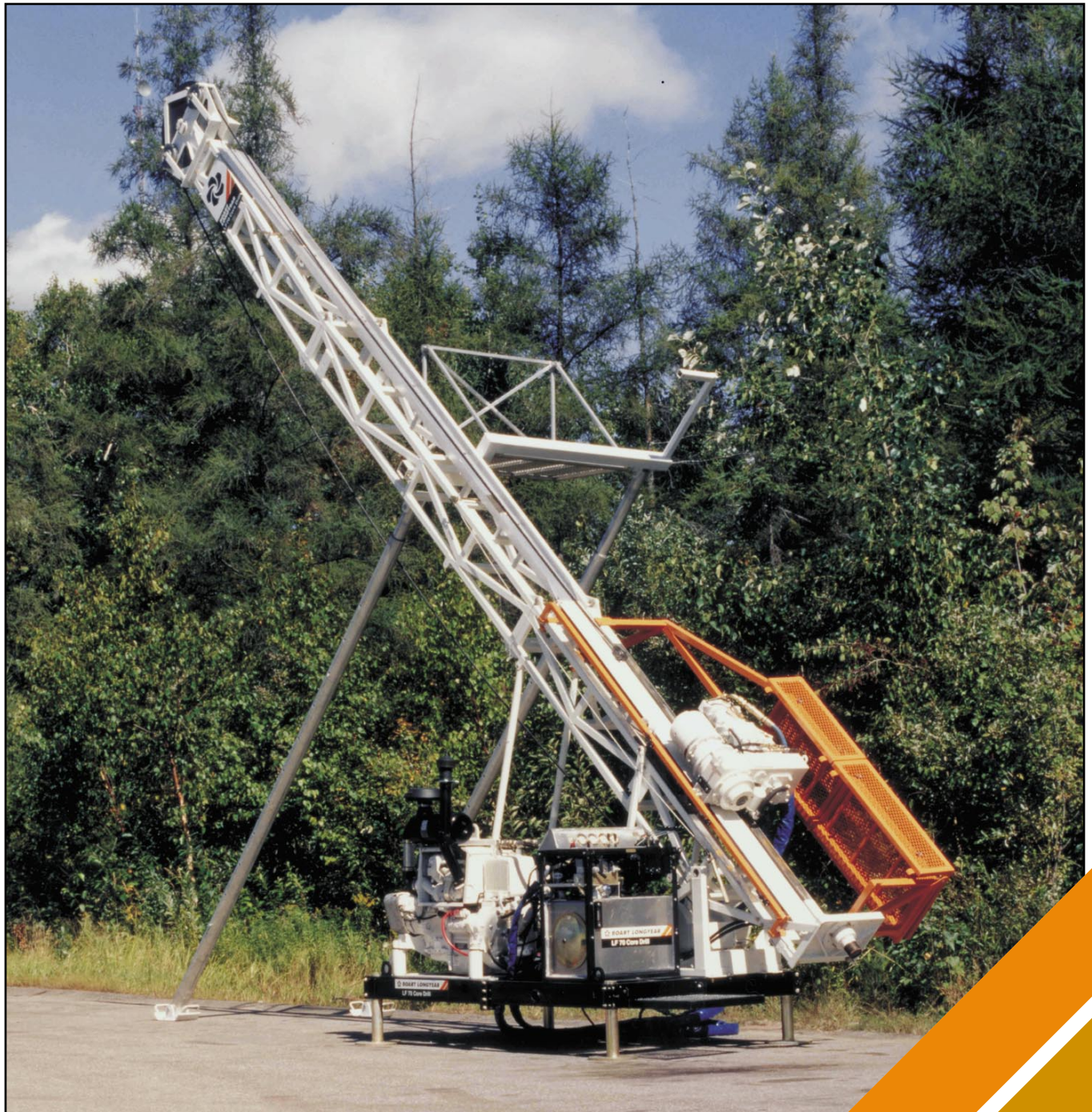




## ***LF70 Hydraulic Diamond Core Fly Drill***

Designed to be a portable, practical drill for remote locations



All photographs are representation, actual equipment may not be exactly as shown.

# LF70 Hydraulic Diamond Core Fly Drill

Designed to be a portable, practical drill for remote locations

The philosophy behind the LF70 is a modular concept. Seven modules integrate to form a highly productive compact diamond core drill.

## Features:

- Reduced downtime, it takes less than an hour to pull down or setup this modular designed rig
- Lightweight, rugged performance
- Simplified maintenance with access to all components
- HQ chain driven head (optional PQ head package available)
- 12,000 lb mainline winch for productive drilling at depth with single line pull
- Aluminum hydraulic tank for improved cooling

## Rotation Unit:

- Hollow spindle for HQ tools
- 2-speed (hi-low range) reversible - bent axis piston type hydraulic motor
- Chain driven with FUNK 4-speed transmission
- 3 jaw, HQ Auto Chuck - spring applied/hydraulic released

## Power Unit

- Deutz BF4L913, 4 cylinder, air cooled, turbocharged, diesel engine
- Optional Deutz BF6L913, 6 cylinder, air cooled, turbocharged diesel engine for altitudes ASL

## Operator's Panel / Hydraulic Module

- Self contained and ergonomically designed for ease of operation
- Manually operated hydraulic control valves
- Operator's stand built-in with close proximity to main control valve bank

## Main Hoist

- 5 443 kg (12,000 lb) capacity single line pull - hydraulic driven
- Spring applied, failsafe brake
- 16 mm (5/8 in) diameter hoisting cable

## Wireline Hoist

- Hydraulically driven with hydraulic motor counter balance valve
- Spooling capacity - 1 890 m (6,200 ft) swaged 4.8 mm (3/16 in) cable

## Mast

- Standard 3 m (10 ft) pull or 6 m (20 ft) with modular middle mast section
- 30° off horizontal (angle drilling) to 90° vertical down
- Direct coupled feed cylinder with 1.83 m (6 ft) stroke
- Single sheave, large diameter crown block for improved cable life

## Options

- HQ Nitro-Chuck™ with one year warranty
- PQ Nitro-Chuck™/Gear Head with one year warranty
- Hydraulically powered foot clamp - BQ rod to HWT casing jaw sizes
- Rod racking platform
- Dual mast raising cylinders
- Mud mixer - hydraulically powered
- W11 Fluid circulation pump - hydraulically driven
- Single axle towing group
- Mud tank outrigger supports

## Providing a complete system for your drilling requirements.

As part of a complete drilling system Boart Longyear offers a full line of surface and underground drill rigs as well as drilling tools.

## Boart Longyear Group of Companies

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