



Overview:

The Longyear Fly 38 Diamond Core Drill is an excellent drill for remote drilling situations that require a drill with enough power to handle larger size down hole tools, and has a low range for efficient permeation of overburden. The total operational weight of the fly is 4,529 lbs.

Depth Capacity

BQ	2,400ft. (950m)
NQ	1,900ft. (575m)
HQ	1,200ft. (375m)

Engine

F4L912 Air Cooled Deutz 4 cylinder 54 hp @ 2,200 RPM

Wireline Winch

Capacity (with guarding) 3 1/16" swayed cable – 3,500 ft.

Pull Capacity = 2,100 lbs.

All Hydraulics stay with the bottom frame.

Main Hoist (Planetary Drive)

Drum capacity: 100' of 5/8" cable, and capable of pulling 14,000 lbs.

Hydraulics has a double pressure compensating pump.

First pump is 15 gallons a minute for the feed circuit

Second pump is 19 gallons a minute pressure compensating load sense for the Hydraulic driven pressure pump and wireline winch.

3 7/8" Hollow Stem head with twin cylinders for feed and a 24" stroke, Hydraulic Chuck 3 Jaws hydraulic open and spring applied.

Angle Range: 0-90 degrees

4 speed manual transmission with a twin disc over the centre clutch.

All steel 20' pull, hydraulic raised tower.

Fully Hydraulic Driven W09 FMC 420 pressure pump.