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LM™ /LF™ 130F ROD HANDLER

The LM™/LF™ 130F rod handler sets new standards for ease-of-use, versatility, and most importantly, safety. Utilizing innovative high-capacity springs acting on three tungsten carbide insert jaws, the Rod Handler increases productivity while greatly minimizing injuries associated with manual rod handling.



MOVABLE CONTROL PANEL

Allows driller to operate the Rod Handler from an optimal viewing angle.

LASER SAFETY SYSTEM

The Rod Handler features an advanced laser safety system. If the laser's beam is broken operation automatically halts, preventing drillers from coming in close proximity to the moving rod handler.

REDUCED MANUAL HANDLING

Rods are loaded in the same optimal horizontal position and height regardless of drilling angle.

SAFETY SENSORS

Enable detection of drill rod, ensuring safe loading position.

HARD STOPS

Hard stops ensure fast and accurate rod alignment.

ROD SPINNERS

Alignment forks along with hard stops enables hands-free make and brake of drill rods.

Specification	Metric	U.S.
Rod Length	3 m	10 ft
Core Barrel	3 m	10 ft
Drill Rod Size	AQ-HQ (Underground) and BQ-PQ (Surface)	
Fly Weight	660 kgs	1,455 lbs

FOR COMPLETE TECHNICAL DATA AND CUSTOMIZATION OPTIONS, VISIT WWW.BOARTLONGYEAR.COM/LM-RODHANDLER



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DCi

Drill Control Interface

The DCi™ is a new control system designed to increase the efficiency, productivity and safety of the Boart Longyear™ LM™ series of drilling rigs through a range of new automated features, including unattended 3 meter drilling and semi automated rod feed and pull functions.



OPERATOR CONTROL PANEL

Stainless steel construction housed in a lightweight and portable aluminium frame. The control layout includes a 7" colour screen and has been designed to ensure easy operator transition from pilot hydraulic to electric controls. Dual joysticks allow both rig and the latest version LM Rod Handler to be operated from a single control console for added ease and efficiency.

RIG UPGRADE KIT

A range of sensors control the automated functions and monitor all critical drilling parameters, returning this information back to the operator control panel for processing and retention.

DCi HYDRAULICS MODULE

A 'bolt-on' assembly containing all IO Modules and, hydraulic manifolds. Can be easily regressed to the original pilot hydraulic control console functionality if required.

PERIMETER LASER PROTECTION

Auto shutdown when security laser is breached, keeping workers safe from drilling operation hazards.

Operational Functions	
Unattended Drilling	Drilling within Predetermined range c/w Auto Rechuck
"One Touch" Rod Pull	Semi-Automatic Single Rod Pull including joint breaking
"One Touch" Rod Feed	Semi-Automatic Single Rod Feed including joint tightening
Rod Handler*	Integrated Rod Handler Controls
Controllable Drilling Parameters	Supervisor "Settable" Parameters via USB Upload
Data Logging	USB Download of System Drilling Data

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