



Technical Specifications

Details	EF-75	EF-75F	EF-75M
Rod Capacity – B-N-H (P optional)	●	●	●
Water Pump – FMC W1122BCD – 37 GPM@1,000 PSA (140 LPM @69 Bar)	●	●	●
Water Pump Drive – Hydraulic Motor	●	●	●
Drilling Fluid Mixer-In tub mud mixer hydraulically driven heavy duty polypropylene tub with bottom drain.	●	●	●
Instrumentation Panel-Complete with all warning lights, gauges and camera monitor for your wireless hoist	●	●	●
Drill Enclosure – Rigid steel tubing structure with half-inch plywood painted with high resistance paint, including company logos (Steel Drill enclosure optional)	●	Optional	●
Heavy Duty Rod Handler – Fully hydraulic with B-N-H-P capability including Cat Train.	●	●	●
Drill Head – 12HH of P size, DDM design including Safety Lockout guard with reduce Rod RPM	●	●	●
Chuck – Boyles 12HH (12.5 degree ~ 25,000lbs (11,339kg)) (7 degree ~ 36,000 lbs (16,329kg)) capacity	7 Degree	7 Degree	7 Degree
Chuck – Boyles P size (12.5 degree ~ 36,000lbs (16,329kg)) (7 degree ~ 50,000 lbs (22,679kg)) capacity	7 Degree	7 Degree	7 Degree
Chuck – Boyles P size Heavy Duty (12.5 degree ~ 36,000lbs (16,329kg)) (7 degree ~ 50,000 lbs (22,679kg)) capacity	-	-	-
Rod Clamp – DDM design, 4 jaw with 36,000lbs (16,329kg) capacity handles up to P rod (PW Adapter Kit optional)	●	●	●
Transmission – Funk 2 speed	●	●	●
Rod Breaking System – DDM design, Hydraulic breakout tool	-	-	-
Hydraulic Motor – Rexroth 5,800 PSI variable displacement.	160cc	160cc	160cc
Hydraulic Pumps:			
• Main: Rexroth 4,000 PSI variable displacement (pc)(ls)	-	-	-
• Main: Rexroth 5,800 PSI variable displacement, closed loop	125cc	125cc	125cc
• Secondary: Rexroth 4,000 PSI (pc) (ls)	-	-	-
• Secondary: Rexroth 4,500 PSI (pc) (ls)	-	-	-
• Secondary: Rexroth 5,000 PSI (pc) (ls)	95cc	95cc	95cc
• Third: Rexroth 4,000 PSI (pc)	45cc	45cc	45cc
• Fourth: Rexroth Charge pump set at 400 PSI	Optional	Optional	Optional
Filtration: All filters, with LED warning lights included.	●	●	●
Wireline Hoist: DDM design, including 3/16 swaged cable complete with level wind.	7,500ft 2.286m	7,500ft 2.286m	7,500ft 2.286m
Rod Hoist – 1,000lbs (454kg) capacity	●	●	●
Lightening – LED 12 volts interior and exterior	●	Optional	●
Levelling Jacks – 4 hydraulic cylinders complete with pilot operated check valve, one mounted in each corner	●	Optional	●
Rod Make/Break System: DDM design, fully hydraulic, facilitates hoisting and lowering of rods.	●	●	●