|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EF Series Specifications** |   | **EF-50** | **EF-50F** | **EF-75** | **EF-75F** |
| **Rated Depth Capacity** | 2,000 ft N610 m N | 5,000 ft N1,524 m N | 5,000 ft N1,524 m N | 7,000 ft N2,134 m N | 7,000 ft N2,134 m N |
| **Rod Capacity B-N-H (P Optional)** |  | • | • | • | • |
| **Pull Back Capacity** | 11,000 lbs4,990 kg | 25,000 lbs11,340 kg | 25,000 lbs11,340 kg | 36,000 lbs16,329 kg | 36,000 lbs16,329 kg |
| **Feed Capacity** |  11,000 lbs4,990 kg | 12,000 lbs5,443 kg | 12,000 lbs5,443 kg | 17,280 lbs7,838 kg | 17,280 lbs7,838 kg |
| **Water Pump - FMC  W1122BCD - 37 GPM @ 1,000 PSI (140 LPM @ 69 Bar)** | *
 | • | • | • | • |
| **Water Pump Drive - Hydraulic Motor** | *
 | • | • | • | • |
| **Drilling Fluid Mixer - In tub mud mixer hydraulically driven, translucent plastic water tub with bottom drain** | *
 | • | • | • | • |
| **Instrumentation panel - Complete with all Warning lights, gauges and camera monitor for your wireline hoist** | *
 | • | • | • | • |
| **Drill Enclosure - Skid mounted, rigid steel tubing structure with half inch plywood painted with high resistance epoxy paint, including company logos** |  Optional | • | Optional | • | Optional |
| **Total Weight ready to drill** |  11,265 lbs5,110 kg | 21,000 lbs9,525 kg | 10,000 lbs4,536 kg | 21,000 lbs9,525 kg | 12,839 lbs5,823 kg |
| **Heavy Duty Rod Handler - Fully Hydraulic with B-N-H-P capacity** | *
 | • | • | • | • |
| **Drill Head - DDM design including Safety Lockout guard with reduce Rod RPM** | *
 | • | • | • | • |
| **Chuck - Boyles 12HH - (12.5 degree - 25,000 lbs (11,339 kg)) (7 degree - 36,000 lbs (16,329 kg)) capacity** |  12.5 degree | 12.5 degree | 12.5 degree | 7 degree | 7 degree |
| **Chuck - Boyles P size Heavy Duty (12.5 degree - 36,000 lbs (16,329 kg)) (7 degree - 50,000 lbs (22,679 kg)) capacity** |   |   |   |   |   |
| **Rod Clamp - DDM design, 4 jaws with 36,000 lbs (16,329 kg) capacity handles up to P rod** | *
 | • | • | • | • |
| **Transmission - Funk 2 speed** |   | • | • | • | • |
| **Diesel Engine - Cummins Tier 3** |   | 215 HP | 160 HP | 215 HP | 215 HP |
| **Hydraulic Motor - Rexroth 160cc 5,800 PSI variable displacement** |   | • | • | • | • |
| **Hydraulic Pumps - Main: Rexroth 125cc 5, 800 PSI variable displacement, closed loopSecondary: Rexroth 95cc 5,000 PSI (pc) (ls)** |   | • | • | • | • |
| **Filtration - 4 ten-micron filters with LED warning lights** |   | • | • | • | • |
| **Wireline Hoist - DDM design capacity with level wind** |   | 5,000 ft1,524 m | 5,000 ft1,524 m | 7,500 ft2,286 m | 7,500 ft2,286 m |
| **Rod Hoist - 1,000 lb (454 kg) capacity** |   | • | • | • | • |
| **Lighting - 12 volt interior** |   | • | Optional | • | Optional |
| **Drill Shack with leveling jacks 4 hydraulic cylinders mounted each corner** |   | • | Optional | • | Optional |
| **Rod Make/Break System DDM design, facilitates hoisting and lowering rods** |   | • | • | • | • |
| **Additional Fly Skid (Reduces setup time)** |   | • | • | • | • |
|  •Available with EF-50, EF-50F, EF-75 and EF-75F |   |   |  |  |  |