

20

PREDATOR

72

The Predator-2072's larger bowl is complemented by an 80:1 gearbox. This gearbox creates an output of 63,000 in/lbs—nearly double the industry standard. The design of the Predator-2072 translates into a higher volume of solids being removed from the fluid on the first circulation. The 6-degree beach, which is one of the longest in the industry, allows for maximum drying time of the cuttings before they are discharged.

TECHNICAL SPECIFICATIONS PREDATOR-2072

Bowl Dimensions	Imperial - 20" x 72" Metric - 510mm x 1830mm
Skid Dimensions	Imperial - 150" x 84" x 60" Metric - 3.8m x 2.1m x 1.5m
Main Drive	75 HP - Variable Speed
Operating RPM	800 rpm to 2100 rpm - Variable Speed
Capacity	Water (Hydraulic) - 530 GPM 2000L/min 120m ³ /hr Unweighted Mud (1100kg/m ³ 9PPG) = 395 GPM 1500L/min 90m ³ /hr (Pump Rate will decrease as mud weight/viscosity increases.)
Nominal G-Force	1193g at 2100 rpm
Nominal Cut-Point	5-10 Micron (Based on Drilling Fluid Rheology)
Nominal Retention Time	5 seconds
Feed Tube I.D.	2.0"
Feed Pump	3" x 2" Mission Magnum c/w Mechanical Seal
Conveyor	Single Lead with Tungsten Carbide Hard-Faced Protection
Gearbox	80:1 (63,000 in/lb) 7 kNm
Beach	6 Degree: 32.5" Length
Weight	11,000 lb (4,988 kg)
Electrical Requirements	480v 3 Phase: 1-100 amp 3W4P Plug

