



# HYDRAPOWER EXPLORER



**Made in  
Australia**



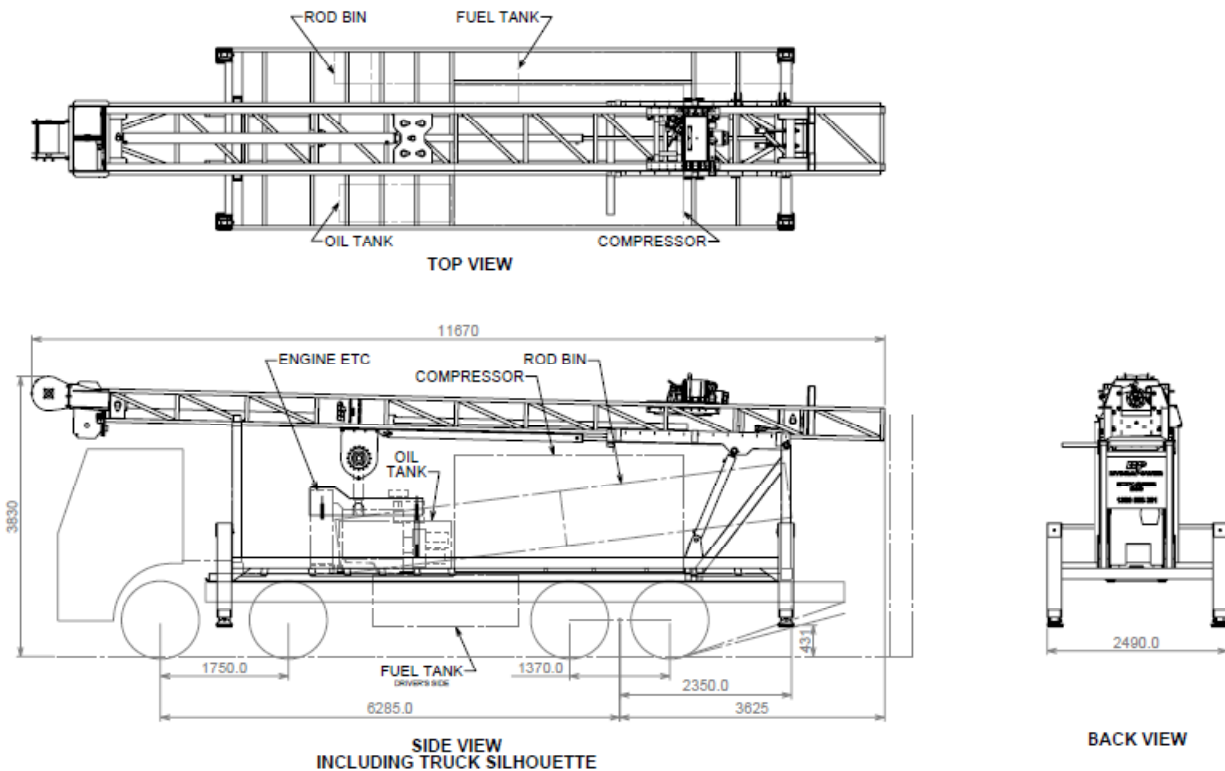
	Explorer 500	Explorer 800
<b>Depth Capacity</b>		
NQ	510m	1175m
HQ	350m	800m
PQ	230m	525m
DTH Hammer	140m	250m
Rotary Mud	140m	250m
<b>Prime Mover</b>		
Standard	Cummins 6CTA	
Power	194kW @ 2200 rpm	
<b>Rotary Head</b>		
Type	Top head drive	
Floating Spindle	Yes	
Bore	Ø44mm (1¾")	
Gears	2	4
Low Gear	3400NM @ 225 rpm	3400NM @ 196 rpm
High Gear	966 NM @ 966 rpm	430NM @ 1550 rpm
Rotation Motor	Rexroth	
Head Carriage	Swing or Slide	
<b>Hydraulic System – Closed Loop</b>		
Pumps	Bosch Rexroth & Sauer Danfoss	
Control Valves	Danfoss	
<b>Mast</b>		
Feed Stroke	7m	
Feed Type	Cylinder with Rope (dual rope option available)	
Feed Speed up	18.9 m/min	18.9 m/min
Pull Back Force	8,000 kg	12,000 kg
Feed Speed down	29.6 m/min	29.6 m/min
Pull Down Force	4,500 kg	7,000 kg
Max Rod Length	6m	



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Mast Length	11m	
Mast Dump	2.0m	
Drilling Inclination	45° to 90°	
<b>Main Winch</b>		
Speed & Capacity	28 m/min at 8,000 kg	40.0 m/min at 10,000 kg
Cable	22mm	24mm
<b>Wireline Winch</b>		
Length & Max. Capacity	800m & 800 kg	1000m & 800 kg
Max. Speed	83 m/min	140 m/min
Cable	6mm	
<b>Rod Clamps / Slips</b>		
Clamps	2 hydraulic cylinders and 'V' type jaws with tungsten inserts opening 150mm	
Spanner	Optional hydraulic spanner from rear of mast with slips	
Make / Break	Hydraulically actuated Stilsons or Rapsan	
<b>Water Pump</b>		
Make & Model	FMC L09	FMC L1118
<b>Carrier Vehicle</b>		
Truck (minimum)	4 x 6 / 24T GVM	8 x 8 / 24T GVM

## TYPICAL DIMENSIONS



Note: Model shown above is an Explorer 800 with a front mounted powered pack

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