



A Series “Rockmaster” Pumps

A30/A30HP/A40HP Concrete & Shotcrete Pumps



“Rockmaster”:

Premium pumps in their class, built with the same leading edge engineering as REED's top-of-the line pumps. Rockmaster Pumps deliver outstanding long term value for the money by virtue of their simplicity, reliability, toughness, ease of use, and pumping power.

The Rockmaster is powered by a Perkins 82 hp (61 kW) diesel coupled with a large capacity hydraulic pump. This best-in-class power is the basis for the pump's versatility.

The Rockmaster features a simple “Open-Loop” hydraulic system.

REED A Series Pumps are built to last with the highest quality components and welding.

Standard Features:

- Powerful 82 hp (61 kW) 4.4L Perkins diesel engine
- Variable Displacement Piston-Style Main Hydraulic Pump (A30HP and A40HP models) (Gear Pump offered on A30 model)
- Heavy-duty “S” Valve
- Lightweight , but Solid Frame
- Chromed concrete cylinders for longest service life possible
- Inexpensive and Easy-to-Change Polyurethane Piston Cups
- Only 4 hydraulic hose groups (just 8 hoses total!)
- 5200lb rated torsion axle (7000 lb axle also available)

Applications:

- Big Rock Concrete
- Shotcrete
- Pea Gravel Pumping
- Drilling & Grouting
- Slope Stabilization
- Swimming Pools
- Slabs & Footers
- Rockscaping
- Mines & Tunnels
- Capping Wells
- Industrial Pumping

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Additional Standard Features:

- Reversibility at any point in the stroke
- Variable volume output
- Weatherproof NEMA 4 control panel
- High capacity hydraulic oil cooler
- Electric brakes (hydraulic available)
- Adjustable pintle hitch (or ball coupler)
- Hour meter
- Splined shaft on “5” Valve
- Highest standard horsepower and concrete pressure in class

Optional Features:

- Hopper Agitator (A40HP model only)
- Radio remote control
- Hardwire cable remote
- Hydraulic Outriggers (A40HP only)
- Centralized Lube Block or Auto Lube
- Hopper Vibrator
- Electric Drive
- Skid Mounting
- Truck Mounting
- Super Heavy-Duty Axle (7000 lb rating)
- Hydraulic Surge Brakes
- Hydraulic Outriggers
- Custom Paint, Chrome Wheels, Dual Axles
- Mixer Attachment (Hydraulic Drive)
(mix material, lift, dump, pump)
- Hydraulic Surge Brakes
- Screw-type Outriggers
(manual, adjustable)
- CE Certification Kit
- Chemical Dosing Pump

MODEL		A30	A30HP	A40HP	
Concrete Output	yd ³ /hr	30	30	40	
	m ³ /hr	23	23	31	
Concrete Pressure	psi	903	903	1172	
	bar	62	62	81	
Horizontal Pumping Distance *	ft	900*	900*	975*	
	m	274*	274*	297*	
Vertical Pumping Distance *	ft	350*	350*	400*	
	m	107*	107*	122*	
Perkins Diesel Motor	hp	82	82	82	
	kW	61	61	61	
Main Hydraulic Pump		Gear Pump (Fixed)	80cc Variable Displacement	100cc Variable Displacement	
Concrete Cylinder Diameter	in	5"	5"	6"	
	mm	127	127	152	
Stroke Length	in	30"	30"	30"	
	mm	762	762	762	
Maximum Aggregate Size	in	1"	1"	1.5"	
	mm	25	25	38	
Hopper Height	in	40	40	40	
	mm	1016	1016	1016	
Hydraulic Oil Capacity	gal	40	40	40	
	liters	151	151	151	
Fuel Capacity	gal	29	29	29	
	liters	110	110	29	
Outlet Size	in	5	5	5	
	mm	127	127	127	
Dimensions		Length	Width	Height	
		in	160	61	64
		mm	4064	1549	1626
Weight (Approx.)	lbs	4600	4600	4760	
	kg	2087	2087	2159	

* Theoretical distances and performance shown above are estimated using standard industry methods.

Actual performance will vary depending on the concrete pump (concrete pressure, horsepower), material (mix design, slump, local sand and rock characteristics), and delivery system (pipeline diameter, type (steel or hose) and reductions/bends).

Maximum output, pressure, and distance cannot be reached simultaneously. Specifications subject to change without prior notice.



REED will build a pump to suit your specific requirements