

# A Series “Rockmaster” Pumps



## A30 / A30HP / A40HP Trailer Mounted Concrete Pumps

- The Rockmaster delivers outstanding long-term value for money by virtue of its reliability, toughness, ease of use, durability and pumping power.
- The Rockmaster is powered by an 82hp (61 kW) continuous duty diesel engine.
- This best-in-class power is the basis for the pump’s versatility.
- It can be used to pump rough concrete mixes as well as shotcrete (A40HP is recommended for higher pressure applications).
- The Rockmaster features an “Open-Loop” hydraulic system, a large fuel tank, and REED’s Can-Bus Solid State Cycle Control.



### Applications

- Big Rock
- Grout
- Pea Gravel
- Shotcrete
- Slope Stabilisation
- Ponds & Spas
- Slabs
- Rockscaping
- Mines
- Backfill
- Foundations
- Pressure Grouting

## Standard Features

- Turbo Series Super Duty Powerful 82 hp (61kW) diesel engine (continuous duty)
- Variable Displacement Piston Hydraulic Pump (A30HP and A40HP models)
- Gear Pump (A30 model)
- Heavy-duty “S” Valve
- Lightweight
- REED Can-Bus Solid State Electric System
- Chromed concrete cylinders for long service life
- Easy to change Piston Cups
- High-strength frame design
- Only 4 hydraulic hose groups (8 hoses total)
- Adjustable tongue jack
- Fuel Filters (pre-filter with water separator and spin off primary filter)



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## Additional Features

- Reversibility at any point in the stroke
- Variable volume output
- Weatherproof NEMA 4 control panel
- High capacity hydraulic oil cooler
- Highway rated axle
- Electric brakes
- Fenders and flush-mounted tail-lights
- Adjustable pintle hitch
- Hopper grate
- Safety emergency stop function
- Steel pistons with urethane cups
- Hard chromed concrete cylinders
- Hour meter
- Splined shaft on “S” valve
- Dual hydraulic circuit
- Highest standard horsepower and concrete pressure in class

## Optional Features

- Radio remote control
- 7-function hardwire remote control (on/off / reverse / e-stop / horn reset / RMP control / stroke change)
- Hopper Agitator (A40HP only)
- Chrome wheels
- Hydraulic surge brakes 2 50/16” Ball Hitch screw-type outriggers (manual, adjustable)
- U.S. Tool Kit (for international customers)
- Emergency Stroke Kit

MODEL		A30	A30HP	A40HP
Concrete Output	yd <sup>3</sup> /hr	30	30	40
	m <sup>3</sup> /hr	23	23	31
Concrete Pressure	psi	903	903	1172
	Bar	62	62	81
Horizontal Pumping Pressure	ft	900*	900*	975*
	m	274*	274*	297*
Vertical Pumping Pressure	ft	350*	350*	400*
	m	107*	107*	122*
Perkins Diesel Engine	hp	82	82	82
	kW	61	61	61
Main Hydraulic Pump		Gear Pump	71cc 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 Capacity	ft <sup>3</sup>	10	10	10
	litres	283	283	283
Hopper Height	In	40	40	40
	mm	1016	1016	1016
Hydraulic Oil Capacity	gal	40	40	40
	litres	151	151	151
Fuel Capacity	gal	29	29	29
	litres	110	110	29
Outlet Size	in	5	5	5
	mm	127	127	127
Dimensions		L	W	H
	In	160	61	64
	mm	4064	1549	1626
Weight	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.

