

ROCKCRETE EQUIPMENT'S  
MAYCO LS300



Solutions for tunneling and mining



**ROCKCRETE**  
EQUIPMENT (PTY) LTD

# Pump Specifications

- ☞ Concrete piston face pressure of 800 PSI (55 Bar)
- ☞ Concrete cylinder diameter is 6 inches (152 mm) with 24-inch stroke (610 mm)
- ☞ Horizontal pumping distance of 800 feet (243 meters), vertical is 200 feet (61 meters)
- ☞ Powered by a 67-hp (50 kW) Deutz TD2009 turbo diesel
- ☞ Designed for aggregate sized up to 1-1 1/2 inches (38 mm)
- ☞ True Reverse allows stroke change during any point in the pumping cycle
- ☞ Hard faced wear components for longer life
- ☞ Variable volume output of 30 cubic yards (23 cubic meters) per hour
- ☞ Ideal for use with shotcrete, masonry block fill, slabs, footings, lightweight, & blend mixes
- ☞ Innovative DCP (Digital Control Panel) solid state electronic control box with full diagnostic & performance monitoring
- ☞ Optional wireless radio remote has a range of 1000 feet (300m)
- ☞ Optional air or electric vibrators for hopper screen



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# Technical Specifications

## Unit Specifications

Hopper height	:	43 in	1092 mm
Hopper capacity	:	10ft	283L
Pump outlet	:	0.5 in	12 mm
Concrete cylinder	:	6 x 24 in	152 x 610 mm
Hydraulic cylinder	:	3 x 24 in	76 x 610 mm
Hydraulic oil capacity	:	33 gal	125 L
Fuel tank capacity	:	16 gal	61 L
Brake type	:	Hydraulic surge	

## Pumping Specifications

Pumping rate per hour	:	0 - 30 yd	0 - 23
mVertical pumping height	:	200 ft	61 m
Horizontal pumping distance	:	800 ft	243 m
Max. Concrete pressure	:	800 psi	55 bar
Max. Aggregate size	:	1.5 in	38 mm

Note: These figures will vary due to concrete mix design, line, size and job site conditions.

## Dimensions & Weights

Overall length	:	158 in	4013 mm
Overall width	:	65 in	1651 mm
Overall height	:	66 in	1676 mm
Operating weight	:	3750 lb	1701 kg

Note: Features and equipment specifications are subject to change without notice.



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