



TRAILER PUMP S87HP

PUMPS



Increase your productivity and most importantly your profitability when choosing Jacon pumps. Superbly engineered and continuously updated using the latest technology whilst maintaining the virtues of simple maintenance-free operation. The "S" valve is designed to handle extremely harsh mixes as well as low slumps making these versatile units suitable for pumping stiff, low-slump concrete, industrial, mining and many other applications. The receiving hopper has an unrestricted, large, free-filling opening. The Dual Circuit hydraulic system means fast, smooth switching of the heavy duty "S" valve resulting in almost continuous flow and longer life of wear components. The hydraulic manifold blocks eliminate many hoses and fitting reducing oil leaks. Your return on investment is unmatched when comparing Jacon products with any model.



Automatic Grease Feeder

The Automatic Grease Feeder controls the optimum quantity of grease by automatic control system installation.



Water Pump

High pressure multistage centrifugal water pump driven by hydraulic motor for wash out the remained concrete inside the concrete cylinder, hopper or pipeline by generating powerful water pressure.



Operation device and main control panel



Cordless Remote Control

For the ease of operation the machine is equipped with cordless remote control for Pump On/Off.



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Specifications

MODEL		S87HP	
Output	Rod Side	100 m ³ /hr	130yd ³ /hr
	Piston	68 m ³ /hr	89 yd ³ /hr
Pressure	Rod Side	105 bar	1522 psi
	Piston	134 bar	1944 psi
Concrete Cylinder Diameter		200 mm	7.9"
Stroke Length		2100 mm	6'11"
Strokes Per Minute	Rod Side	26	
	Piston	17	
Vertical Transfer Length	Rod Side	170 m	558'
	Piston	294 m	965'
Horizontal Transfer Length	Rod Side	320 m	1050'
	Piston	634 m	2080'
Hopper Capacity		650 liter	23 ft ³
Volume Control		Zero to full	
Hydraulic System		Open-loop	
Hydraulic System Pressure		350 bar	5075 psi
Hydraulic Tank Capacity		700 liter	184 gal
Differential Cylinder Diameter		140 mm	5.5"
Rod Diameter		80 mm	3"
Water Pump Pressure		20 bar	290 psi
Max Size Aggregate		63 mm	2.5"
Outlet Diameter		125 mm	5"
Diesel Engine		Caterpillar	
Engine Horsepower		207 kw@2200RPM	

The specification can be changed without any prior notice.

Features

- Fully automatic stroke adjustment. No valves to set or adjust.
- Electric over hydraulic pilot system with manual over-ride feature.
- Dual circuit hydraulic system for smooth positive swing tube action.
- Hydraulic oil cooler.
- Tropical condition design.
- Twin swing rams with cushion for fast change over.

- Hoper remixer.
- Proven Rexroth open-loop hydraulic system.
- Self-adjusting wearing for pumping harsh mixes.
- Hi-Pressure water pump.
- Automatic greasing system.
- On/Off cordless remote control.

Dimensions

- Length:..... 6020 mm
- Height:..... 2356 mm
- Width:..... 2180 mm
- Approx Weight:..6500 kg

PERFORMANCE DIAGRAM S87HP

