



TRANSCRETE ALPHA SERIES TRAILER MOUNTED CONCRETE PUMPS

Standard Features

The Alpha S-tube trailer pump was designed to replace mechanical ball pumps widely used to pump 10mm pea gravel mixes. Mechanical ball valve pumps were experiencing difficulties pumping the harsher concrete mixes now being produced. Due to popular demands for a smaller compact high pressure pump, the Alpha has developed into a wide output range from 10 cubic metres per hour to 30 Cubic metres per hour.

General Specification

Specifications:	P10	P20	P25	P35	P35HP
Maximum Output:	6M3	14M3	18M3	25M3	25M3
Maximum Concrete Pressure:	300 bar	150 bar	100 bar	100 bar	120 bar
Maximum aggregate size:	10 mm	16 mm	20 mm	20 mm	20 mm
Concrete Cylinder Size:	75 mm	115 mm	127 mm	127 mm	127 mm
Concrete Cylinder Stroke:	610 mm	610 mm	915 mm	915 mm	915 mm
Hydraulic Cylinder Size:		70 mm bore with 40 mm rods			
Maximum strokes per minute:	40	40	30	40	40
Variable Volume Control:	Yes	Yes	No	Yes	Yes
S-tube Casting Size:	75 x 75	115 x 100	115 x 100	115 x 100	115 x 100

Hydraulic Cylinder Size:		65 mm bore x 100 mm stroke x 27 mm rod			
Hydraulic Tank Capacity:		160 litre with inspection hatch			
Hopper Capacity:	200 litre	300 litre	300 litre	300 litre	300 litre
Hopper Height:	400 mm	500 mm	500 mm	600 mm	600 mm
Hopper Outlet Size:	75 mm	100 mm	100 mm	100 mm	100 mm
Engine Size:	51 kW	36 kW	36 kW	51 kW	62 kW
Fuel Tank Capacity		60 litre with level gauge			
Axle Capacity:		3,000 kg torsion bar suspension			
Wheel:		195/65R x 14 sport rims. 225/70R x 15 sport rims			
Brakes:		300 mm electric (Optional hydraulic over ride)			
Outriggers:		Manual standard models (Optional hydraulic rear and/or front)			
Length	3,500 mm	3,600 mm	4,000 mm		
Width	1,600 mm	1,600 mm	1,700 mm		
Height	1,600 mm	1,600 mm	1,750 mm		
Weight:	1,250 kg	1,450 kg	1,700 kg		