



**CONCRETE PUMPS**



# The Next-Gen 360° Concreting Solutions

**ASP SERIES**

(Stationary Concrete Pump)



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**MADE IN  
INDIA**  
MADE FOR THE WORLD



## CONCRETE PUMPS ASP SERIES

(Stationary Concrete Pump)

AJAX Concrete Pumps are a result of years of experience in concrete applications for hassle free horizontal and vertical pumping of concrete. The pumps are designed for the smooth flow of concrete with less pressure drop and higher fuel efficiency. The versatile pumps are suitable for SLCMs, Transit Mixers and Batching Plants for all types of applications.

ASP SERIES	
Model	Output
ASP 3009	30 cu.m/hr
ASP 4009	37 cu.m/hr
ASP 4011	40 cu.m/hr
ASP 5009	50 cu.m/hr
ASP 6011 E	55 cu.m/hr
ASP 7011	70 cu.m/hr
ASP 10012	97 cu.m/hr

### BEST-IN-CLASS BENEFITS



#### PERFORMANCE

High pressure for better performance, High-rise pumping, Reduces concrete choking



#### ENERGY EFFICIENT

Energy efficient hydraulic unit



#### BEST IN CLASS IN THE INDUSTRY

Rugged design to work at any tough site, Simple and user friendly jack screw



#### 300% LONGER LIFE

300% longer life of components compared to non-carbide wear parts, Low operating cost, Easy to service



#### EFFICIENT GREASING

Efficient greasing of all components, Electrical timer for optimized greasing, Performance indicator for easy trouble shooting



#### SAFETY FIRST

Emergency stop - cuts down the complete operations, Temperature sensor in hydraulic tank ensures shutdown of oil flow at higher temperatures

## SALIENT FEATURES



### HOPPER / AGITATOR

Improved Hopper design to eliminate deposition of concrete and provide smooth flow, Wide angle peddles for better agitation & homogenous concrete, Lower hopper height allow easy discharge from Transit Mixer



### SOLID RAM

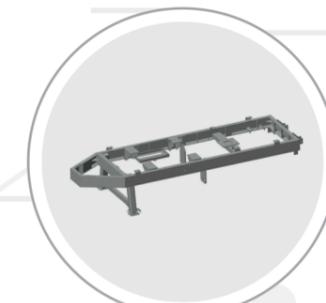
Through applied high pressure system longer life of rubber piston is achieved



### ENGINE\*

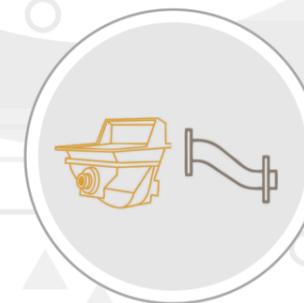
Market proven engine for this application

\*Model also available in Electric Motor



### CHASSIS

Rigid monoaxle trailer with towing hook, 4 manual stabilizers, 2 tyres



### HOPPER & S-VALVE

Simple hydraulic switch over for trouble free operation, Large capacity of hopper to hold more concrete during pumping



### HIGH RISE PUMPING

Designed for hassle free pumping for both horizontal & vertical applications, Designed for smooth concrete flow with less pressure drop, High-rise pumping achieved by changing rod side to piston side



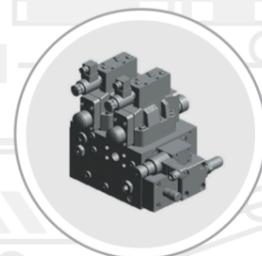
### S VALVE TECHNOLOGY

Manufactured with special cast steel material hard faced & optimized design, Bottom scoop design helps free movement & bottom concrete scraping



### MAIN PUMPING UNIT

Efficient and optimised pumping kit to support various types of concrete mix, High pressure ensures less choking



### VALVE BLOCK & HYDRAULIC CONTROL SYSTEM

Single block design to support S valve and main cylinder operation



### HYDRAULIC FILTER

Hydraulic filter-keeps hydraulic oil clean, Increased oil drain period, Enhance life of hydraulic components



### ELECTRICAL CONTROL PANEL

Simple electrical control panel for ease of operations



### AUTO LUBRICATION SYSTEM\*

The robust auto-lubrication system facilitate low and hassle free maintenance, Designed with performance indicator

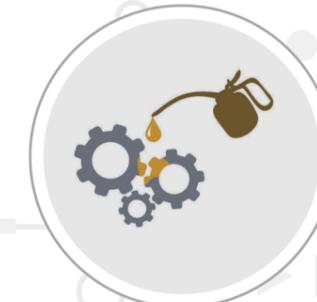
\*Optional Features



### REMOTE CONTROL\*

Remote control is available with a 10 m cable for enhanced manoeuvrability

\*Optional Features



### EFFICIENT GREASING

Efficient greasing of all components, Electrical timer for optimized greasing, Performance indicator for easy trouble shooting



### WEAR PARTS

Manufactured with special material and tungsten carbide inserts for high wear resistance for any type of concrete

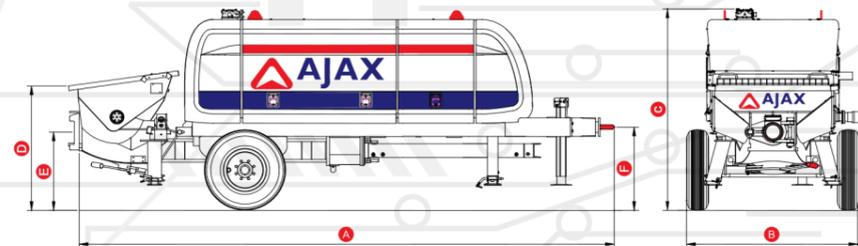
## TECHNICAL SPEC

DESCRIPTION		ASP 3009	ASP 4009	ASP 4011	ASP 5009	ASP 6011 E	ASP 7011	ASP 10012
Engine		Diesel Engine 4 Cylinder Air Cooled 66 hp @ 2150 rpm	Diesel Engine 4 Cylinder Air Cooled 66 hp @ 2150 rpm	Diesel Engine 4 Cylinder Air Cooled 66 hp @ 2150 rpm	Diesel Engine 4 Cylinder Air Cooled 66 hp @ 2150 rpm	Electric Motor 100 hp	Diesel Engine 6 Cylinder Air Cooled 100 hp @ 2100 rpm	Diesel Engine 6 Cylinder Water Cooled 170 hp, TI @ 2100 rpm
Concrete Output max (theo.)*	Rod Side	30 m <sup>3</sup> / hr	37 m <sup>3</sup> / hr	40 m <sup>3</sup> / hr	50 m <sup>3</sup> / hr	55 m <sup>3</sup> / hr	70 m <sup>3</sup> / hr	97 m <sup>3</sup> / hr
	Piston Side	22 m <sup>3</sup> / hr	26 m <sup>3</sup> / hr	30 m <sup>3</sup> / hr	36 m <sup>3</sup> / hr	37 m <sup>3</sup> / hr	48 m <sup>3</sup> / hr	60 m <sup>3</sup> / hr
Concrete pressure (max.)	Rod Side	57 bar	57 bar	75 bar	61 bar	71 bar	71 bar	56 bar
	Piston Side	85 bar	85 bar	108 bar	88 bar	106 bar	106 bar	119 bar
Number of strokes (max.)	Rod Side	23 per min	28 per min	27 per min	27 per min	21 per min	26 per min	32 per min
	Piston Side	17 per min	19 per min	20 per min	20 per min	14 per min	18 per min	19 per min
Delivery Cylinder Bore x Stroke		ø 200 x 700 mm	ø 200 x 700 mm	ø 180 x 1000 mm	ø 200 x 1000 mm	ø 200 x 1400 mm	ø 200 x 1400 mm	ø 200 x 1600 mm
Hopper Capacity		450 ltr	450 ltr	600 ltr	600 ltr	600 ltr	600 ltr	600 ltr
Distribution Valve (S-Valve)		S 2018	S 2018	S 2018	S 2018	S 2018	S 2018	S 2018
Gross Weight		3500 kg	3500 kg	4000 kg	4000 kg	3800 kg	5000 kg	5600 kg
Automatic Greasing System		Optional	Optional	Optional	Optional	Optional	Standard	Standard
Optional Items		Working Light (Hopper), Cable Remote Control, 7011 G is available with Electronic Controls						

\* ALL ARE THEORITICAL VALUES...

## DIMENSIONS

Dimensions in mm	ASP 3009	ASP 4009	ASP 4011	ASP 5009	ASP 6011 E	ASP 7011	ASP 10012
A	4500	5000	5000	5000	5800	5800	6100
B	1850	1850	1850	1850	1850	1850	1850
C	1960	2200	2200	2200	2050	2200	2600
D	1260	1350	1350	1350	1350	1350	1350
E	850	900	900	900	900	900	900
F	850	900	900	900	900	900	900



## APPLICATIONS



UNPARALLELED NETWORK IN  
CONCRETING INDUSTRY

MADE IN  
**INDIA**  
MADE FOR THE WORLD

50+  
Dealers  
Location

100+  
Touch Points



Self-Loading Concrete Mixer    Batching Plant    Transit Mixer    Concrete Pump    Boom Pump    Self-Propelled Boom Pump    Concrete Slip-Form Paver

AUTHORISED DEALER



\*Specifications are subject to change without prior notice. Product shown herein may include optional scope of supply. T&C Apply.



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