

CONCRETE PUMPS



ASP SERIES

(Stationary Concrete Pump)

**The
Next-Gen
360°
Concreting
Solutions**

**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 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	105 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*



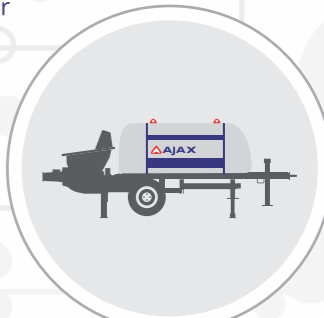
CHASSIS

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



HYDRAULIC FILTER

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



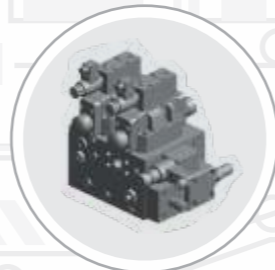
AUTO LUBRICATION SYSTEM*

The robust auto-lubrication system facilitates low and hassle free maintenance, Designed with performance indicator
**Optional Features*



WEAR PARTS

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



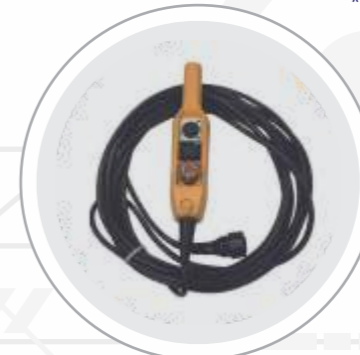
VALVE BLOCK & HYDRAULIC CONTROL SYSTEM

Single block design to support S valve and main cylinder operation



ELECTRICAL CONTROL PANEL

Simple electrical control panel for ease of operations



REMOTE CONTROL*

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



EFFICIENT GREASING

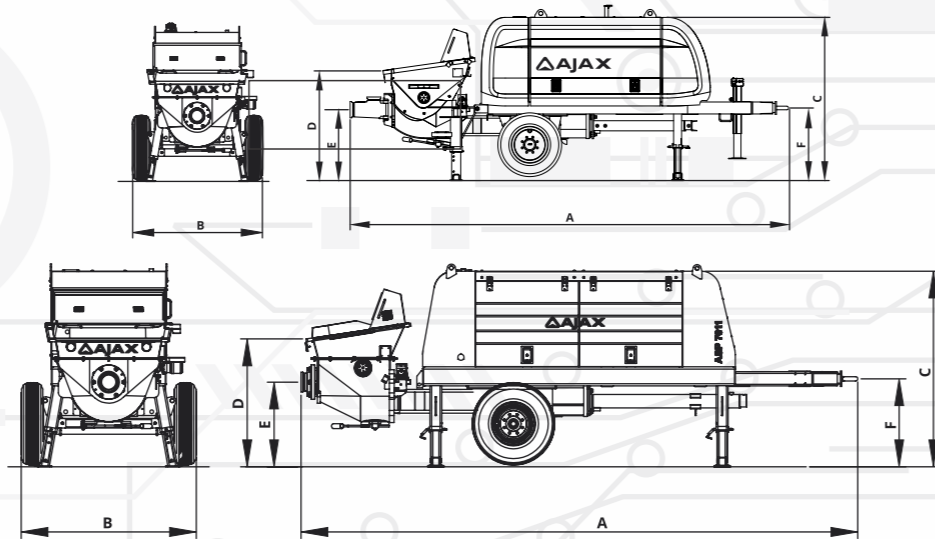
Efficient greasing of all components, Electrical timer for optimized greasing, Performance indicator for easy trouble shooting

TECHNICAL SPEC

DESCRIPTION		ASP 3009	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	Electric Motor	Diesel Engine 6 Cylinder Air Cooled 100 hp @ 2100 rpm	Diesel Engine 6 Cylinder Water Cooled 170 hp, T1 @ 2100 rpm
Concrete Output max (theo.)	Rod Side	30 m ³ / hr	40 m ³ / hr	50 m ³ / hr	55 m ³ / hr	70 m ³ / hr	105 m ³ / hr
	Piston Side	NA	30 m ³ / hr	36 m ³ / hr	37 m ³ / hr	48 m ³ / hr	60 m ³ / hr
Concrete pressure (max.)	Rod Side	57 bar	75 bar	61 bar	71 bar	71 bar	66 bar
	Piston Side	NA	108 bar	88 bar	106 bar	106 bar	119 bar
Number of strokes (max.)	Rod Side	23 per min	27 per min	27 per min	21 per min	26 per min	35 per min
	Piston Side	NA	20 per min	20 per min	14 per min	18 per min	20 per min
Delivery Cylinder Bore x Stroke		ø 200 x 700 mm	ø 180 x 1000 mm	ø 200 x 1000 mm	ø 200 x ST1400 mm	ø 200 x 1400 mm	ø 200 x 1600 mm
Hydraulic System Pressure		280 bar	350 bar	350 bar	350 bar	350 bar	330 bar
Hopper Capacity		450 L	600 L	600 L	600 L	600 L	600 L
Distribution Valve		S 2018	S 2018	S 2018	S 2018	S 2018	S 2018
Gross Weight		3000 kg	4000 kg	4000 kg	3800 kg	5000 kg	5600 kg
Optional Items	Auto-lubrication system, Cable remote control						

DIMENSIONS

DIMENSIONS in mm	ASP 3009	ASP 4011	ASP 5009	ASP 6011 E	ASP 7011	ASP 10012
A	4500	5080	5080	5080	5960	6500
B	1850	1700	1700	1700	1850	1850
C	1960	2200	2200	2200	2200	2600
D	1260	1350	1350	1350	1350	1350
E	850	925	925	925	925	900
F	850	925	925	925	900	900



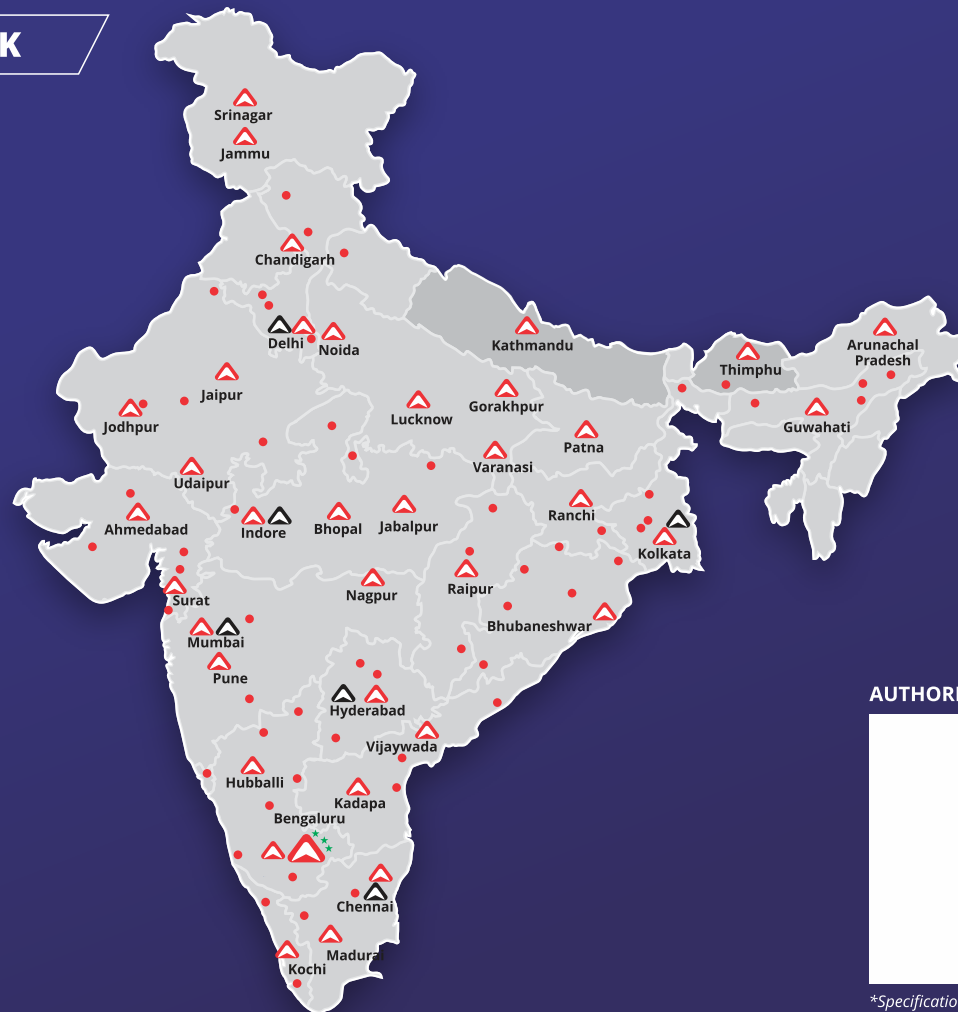
APPLICATIONS



UNMATCHED SERVICE NETWORK

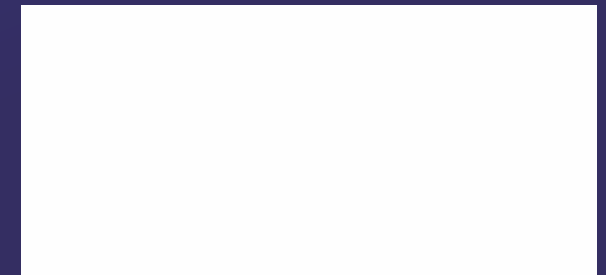
35+
Dealer
Locations

100+
Branch Offices



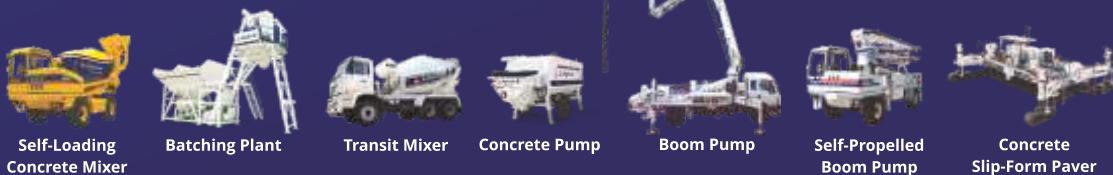
- AJAX Headquarters
- Regional & Area Offices
- Dealer Offices
- Dealer Touch Points
- Factory

AUTHORISED DEALER



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

The Next-Gen 360° Concreting Solutions



Self-Loading Concrete Mixer

Batching Plant

Transit Mixer

Concrete Pump

Boom Pump

Self-Propelled Boom Pump

Concrete Slip-Form Paver



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