AJAX

MAKES CONCRETE SENSE

BOOM PUMP

Series

A25 ZX | A30 ZX

SELF LOADER

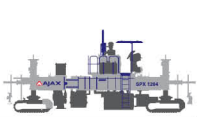
BATCHING PLANT

TRANSIT MIXER

CONCRETE PUMP

BOOM PUMP

SPBP


PAVER

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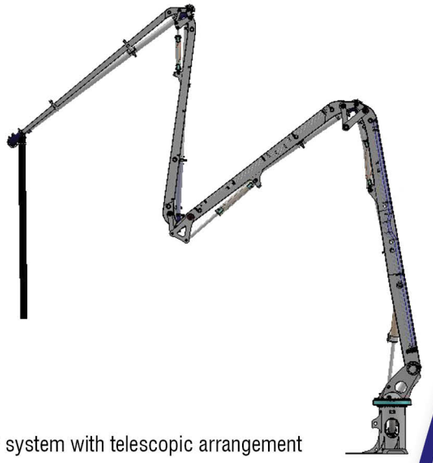
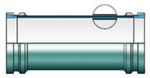
Boom Operation & Control

- Versatile 4-section Z-Fold boom
- Automatic lubrication
- Smooth and precise boom positioning at greater distances



Outriggers

- “X” brace outrigger system with telescopic arrangement for great stability
- Two-part outriggers for easy maintenance
- Fully hydraulic outriggers with integral cylinders
- Auto levelling system and bubble level indicators

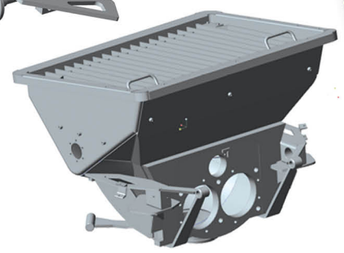


Ajax Twin Layer Pipe Line

- Standard 125 mm Ajax Twin layer pipe which is approximately 4.5 times longer life compare to conventional pipeline
- Standardized 45° and 90° elbows and straight pipe sections

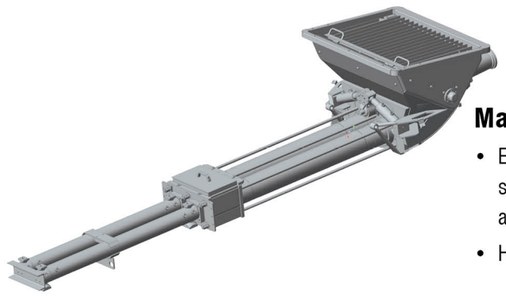
S Valve Technology

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



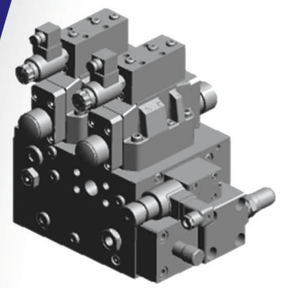
Hopper / Agitator

- Improved Hopper design to eliminate deposition of concrete and provide smooth flow
- Wide angle peddles for better agitation and homogenous concrete
- Lower hopper height allows easy discharge from ready mix truck



Main Pumping Unit

- Efficient and optimised pumping kit to support various types of concrete mix and user friendly system
- High pressure ensures less choking



Wear Parts

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

Solid Ram

- Designed with special profile for slurry leak free pumping

Hydraulic Control System

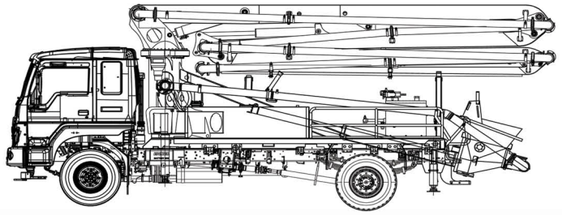
- Single block design to support S valve and Main cylinder operation

Remote Control

- 100 m range for all boom operations

Auto Lubrication System

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



Chassis

- Suitable for 4/2 chassis.
- Rugged design to work at any tough site

OUTRIGGERS

- Needs least space for outriggers (X) for setup
- X - outriggers with telescopic arrangement for great stability
- Designed for smooth concrete flow with less pressure drop
- Quick setup on restrictive job sites

BOOM DESIGN

- Boom folds can reach least accessible areas in construction site with ease
- Light weight and optimised design

HOPPER & S-VALVE

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

365° ROTATION

- 365° rotation of boom ensures delivery of concrete at farthest point
- Safety interlocks for hassle free working environment

PERFORMANCE

- High pressure for better performance
- Reduce concrete choking

SAFETY FIRST EMERGENCY

- Limit switch ensures the safety during S valve operations
- Emergency stop - cuts down the complete operations

BEST IN CLASS

- First in India to launch 25 & 30 m boom pump on a 4/2 chassis
- Rugged design to work at any tough site

300% Longer life

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

REMOTE CONTROL

- Remote control access with 100 m range

LESS FUEL CONSUMPTION

- Less Fuel Consumption - Best in class in this segment

LOW MAINTENANCE COST

- Low maintenance cost
- Help increased life of chrome cylinder

ENERGY EFFICIENT

- Energy efficient hydraulic unit

EFFICIENT GREASING

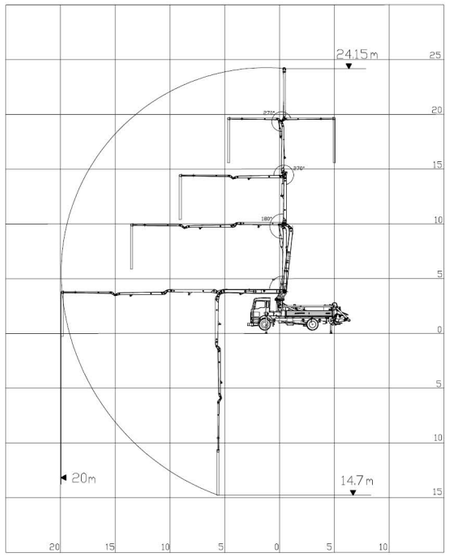
- Efficient greasing of all components
- Electrical timer for optimized greasing
- Performance indicator for easy trouble shooting

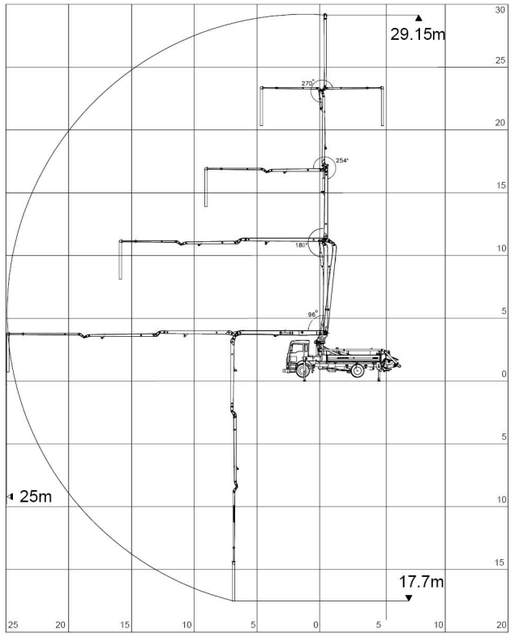
- Unmatched network & support in concreting equipment industry

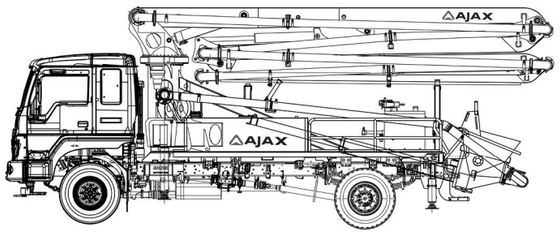
HIGH PRESSURE WATER JET

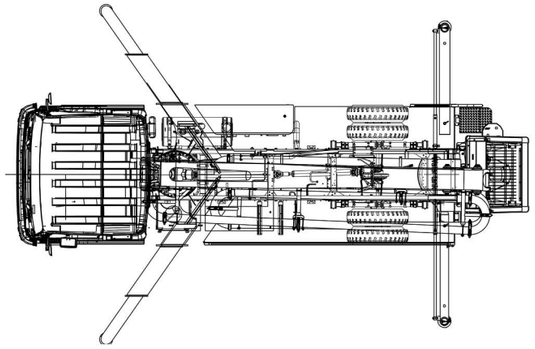
- Best in class water consumption- 1/5th of industry standards

Dimensions









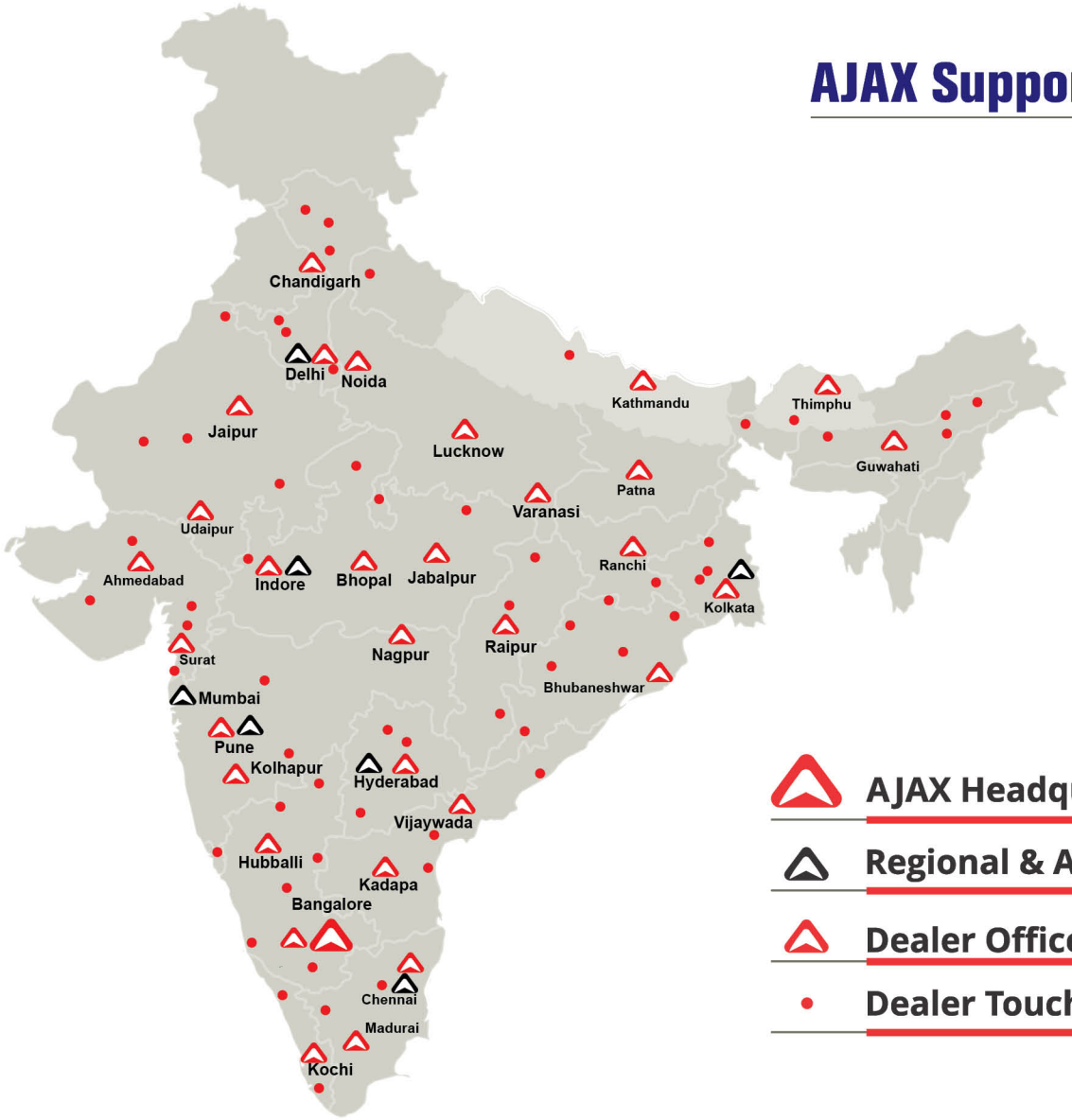
Technical Specification

Sl. No.	Description	Units
1	Max Concrete o/p (rod)	70 m^3/hr
2	Max Concrete o/p (piston)	48 m^3/hr
3	Max Concrete pressure (rod)	71 bar
4	Max Concrete pressure (piston)	106 bar
5	Pump cycles (rod)	26 per min
6	Pump cycles (piston)	18 per min
7	Max Hyd pressure	350 bar
8	Hopper capacity	600 L

Sl. No.	Description	A25ZX	A30ZX
1	Reaching height (vertical)	24.15 m	29.15 m
2	Horizontal reach (from center of slewing axis)	20 m	25 m
3	Reach depth	14.7	17.7
4	Slewing angle	365°	365°
5	1st folding angle	96°	96°
6	2nd folding angle	180°	180°
7	3rd folding angle	270°	254°
8	4th folding angle	270°	270°
9	No. of articulations	4	4

Applications

AJAX Support Network



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

AJAX

MAKES CONCRETE SENSE

An ISO 9001:2015 Certified Company

Toll Free Number
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Corporate Office:

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Bengaluru - 560 058, Karnataka, India

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W : www.ajax-engg.com

Factory:

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Authorised Dealer:

**Specifications are subject to change without prior notice, Products shown herein may include optional scope of supply. Kindly refer to techno-commercial quote.*

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