

BOOM PUMPS

RZX SERIES

(TRUCK MOUNTED VERSION)

AJAX launched the first 44m concrete boom pumps on 6x4 chassis, making them the most versatile boom pumps in the industry. With best-in-class fuel efficiency, lower maintenance costs and higher productivity, AJAX Boom pumps offer the best return of investment.

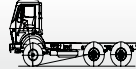


Model	Reach Height
A25ZX	24.15 m
A30ZX	29.15 m
A44RZX	43.1 m

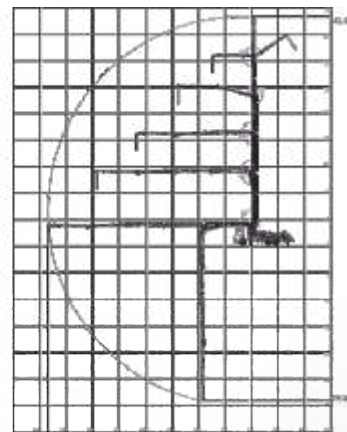
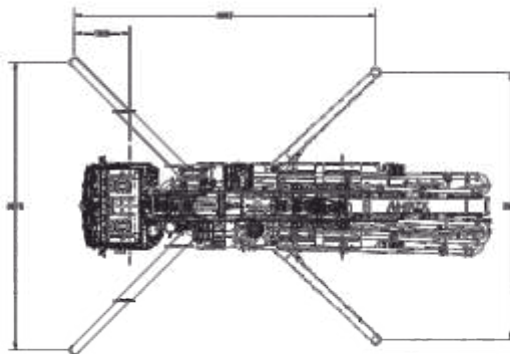
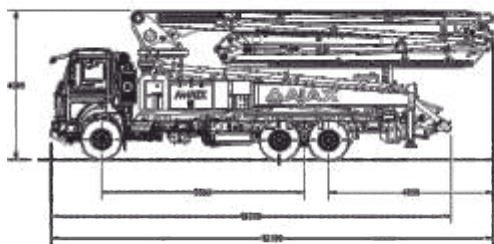


TECHNICAL SPEC

DESCRIPTION	A44RZX
Concrete Output (max.) Bore side	90 cum
Concrete pressure (max.) Bore side	83 bar
No of strokes (max.) Bore side	26 per min
Delivery cylinder bore x stroke	ø230 x 1400 mm
Hydraulic system pressure	365 bar
Hopper capacity	600 L
Distribution valve	S2318
Pumping-line diameter	Dn125

DESCRIPTION	A44RZX
Reaching height (Vertical)	43.1 m
Horizontal reach (from Center of slewing axis)	38.5 m
Reach depth	29.2 m
Slewing angle	365°
1st folding angle	92°
2nd folding angle	180°
3rd folding angle	180°
4th folding angle	255°
5th folding angle	236°
No. of articulations	5
End hose	3 m
Out rigger Spread Front	8.875 m
Out rigger Spread Rear	8.265 m
Truck Specifications	3 Axle Truck
Axes	
Optional Items	Hopper Vibrator, Wire Remote control, Auto lubrication system for arms

DIMENSIONS



SALIENT FEATURES



Ajax Twin Layer Pipe Line

The thick-walled concrete pipes and elbows offer excellent resistance against high velocity and turbulence of abrasive concrete and has 4-4.5 times longer life as compared to conventional ST52 pipes.



S-valve Technology

Efficient pump design results in free-flow of concrete without choking due to reduced frictional resistance. Highly reliable in rugged site conditions & Low Total Cost of Ownership (TCO)



Auto Lubrication System

Facilitates hassle-free maintenance of wear & tear parts. Increases the life and overall productivity of the equipment.



Radio Remote-control

The state-of-the-art radio remote-control of the concrete pump allows sensitive communication of all commands to the machine from a clearly arranged operator's position.

For more details please Scan



THE NEXT-GEN 360° CONCRETING SOLUTIONS



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BOOM PUMPS



AZX / ARZX SERIES
(Truck Mounted Version)

The Next-Gen 360° Concreting Solutions

**MADE IN
INDIA**
MADE FOR THE WORLD



BOOM PUMPS

(Truck Mounted Version)

AJAX launched the first 25m & 30m concrete boom pumps on 4x2 chassis, making them the most compact and versatile boom pumps in the industry. With best-in-class fuel efficiency, lower maintenance costs and higher productivity, AJAX Boom pumps offer the best return of investment.

AZX SERIES	
Model	Reach Height
A25ZX	24.15 m
A30ZX	29.15 m
A44RZX	43.1 m

BEST-IN-CLASS BENEFITS



PERFORMANCE

Best-in-class Pumping Performance owing to robust & rugged control block that could withstand more hydraulic pressure



ENERGY EFFICIENT

50% O&M Cost Saving since Oil change interval is less [sufficiency of oil change for every 2000 hrs)



300% LONGER LIFE

300% longer life compared to non-carbide wear parts and very less operating temperature in Open Circuit



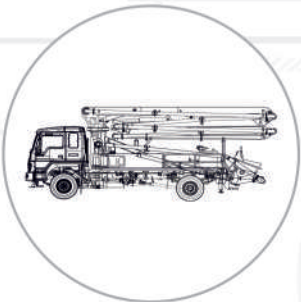
BEST IN CLASS IN THE INDUSTRY

First in India to launch 25 & 30 m boom pump on a 4x2 chassis, Rugged design to work at any tough site



SAFETY FIRST

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



4x2 CHASSIS

Rugged design to work at any compact site



RADIO REMOTE

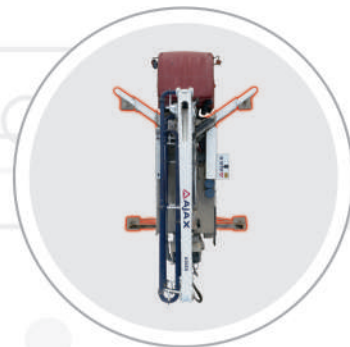
Radio Remote access with 100 m range



EFFICIENT GREASING

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

SALIENT FEATURES



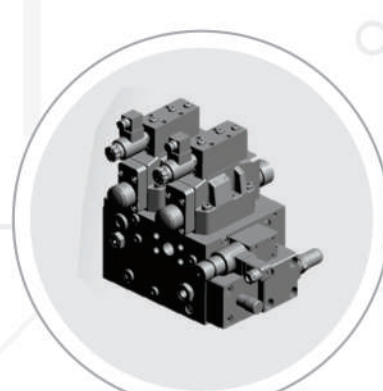
OUTRIGGERS

"X" brace outrigger system with telescopic arrangement for great stability, Two part outriggers for easy maintenance, Fully hydraulic outriggers with integral cylinders, Auto leveling system & bubble level indicators



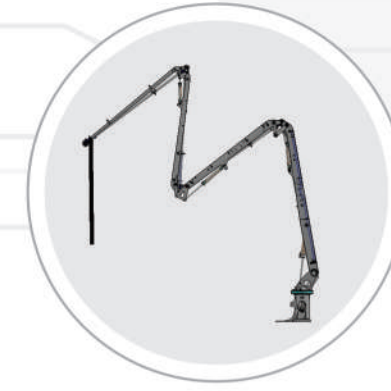
WEAR PARTS

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



BOOM OPERATION & CONTROL

Versatile 4-section Z-fold boom, Automatic lubrication, Smooth & precise boom positioning at greater distances



AUTO LUBRICATION SYSTEM

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



HOPPER / AGITATOR

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



SOLID RAM

Designed with special profile for slurry leak free pumping



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 & optimized pumping kit to support various types of concrete mix and user friendly system, High pressure ensures less choking



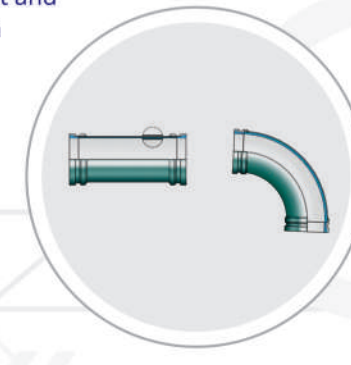
365° ROTATION

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



BOOM DESIGN

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



TWIN LAYER PIPE LINE

Standard 125mm Twin layer pipe which is approximately 3-4 times longer life compare to conventional pipeline, Standardized 45° and 90° elbows & straight pipe sections



RADIO REMOTE

100 m range for all boom operations



HOPPER & S-VALVE

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




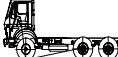
SLUMP METER*

To test concrete slump during sampling

*Optional Features

TECHNICAL SPEC

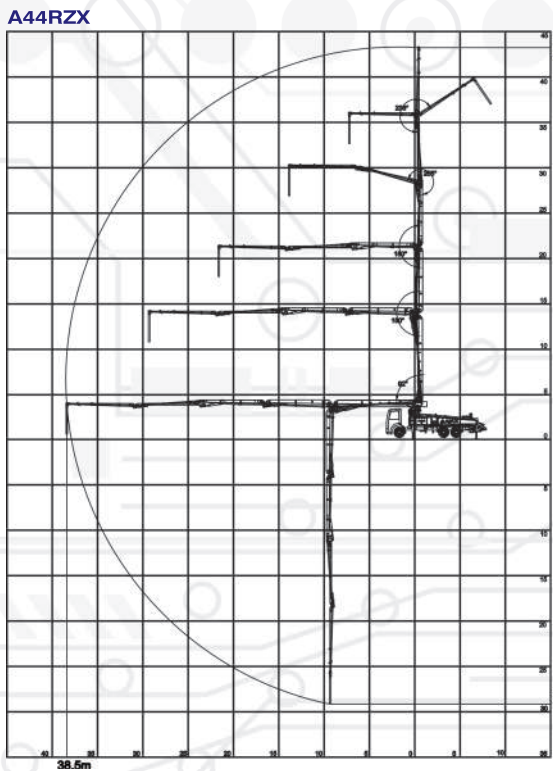
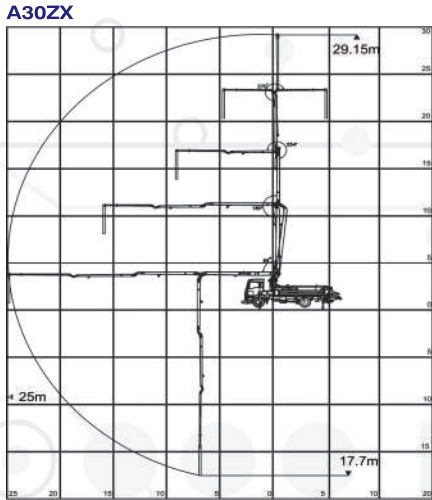
Description	A25ZX - A30ZX	A44RZX
Max Concrete o/p (Rod)	70 m³ / hr	-
Max Concrete o/p (Piston)	48 m³ / hr	90 m³ / hr
Max Concrete pressure (Rod)	71 bar	-
Max Concrete pressure (Piston)	106 bar	83 bar
Pump Cycles (Rod)	26 per min	-
Pump Cycles (Piston)	18 per min	26 per min
Delivery cylinder bore x stroke	ø200 x 1400 mm	ø230 x 1400 mm
Hydraulic system pressure	350 bar	365 bar
Hopper capacity	600 L	600 L
Distribution valve	S2018	S2318
Pumping-line diameter	DN125	DN125

Description	A25ZX	A30ZX	A44RZX
Reaching height (Vertical)	24.15 m	29.15 m	43.1 m
Horizontal reach (from Center of slewing axis)	20 m	25 m	38.5 m
Reach depth	14.7 m	17.7 m	29.2 m
Slewing angle	365°	365°	365°
1st folding angle	96°	96°	92°
2nd folding angle	180°	180°	180°
3rd folding angle	270°	270°	180°
4th folding angle	254°	254°	255°
5th folding angle	-	-	236°
No. of articulations	4	4	5
End hose	4 m	3 m	3 m
Front Out rigger Spread	4.695 m	4.695 m	8.575 m
Rear Out rigger Spread	2.580 m	5.970 m	7.965 m
Truck Specifications	2 Axle Truck		3 Axle Truck
Axles			

Optional Items

Work Light on 4th arm, Hopper Vibrator, Safe Concreting Zone (SCZ)	Hopper Vibrator, Wire Remote control, Auto lubrication system for arms
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REACH DIAGRAM



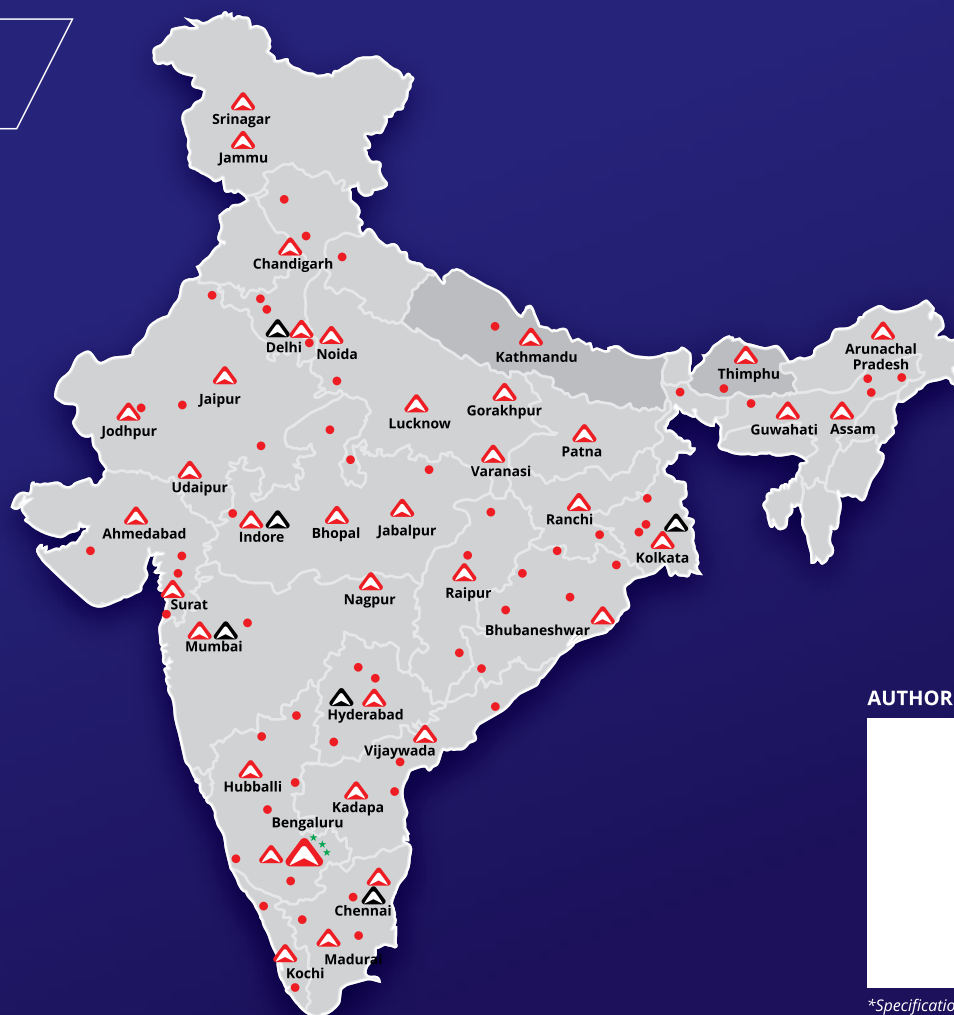
APPLICATIONS



UNPARALLELED NETWORK IN CONCRETING INDUSTRY

35+
Dealer
Locations

100+
Touch Points



-  **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



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