

BOOM PUMPS

RZX SERIES

(TRUCK MOUNTED VERSION)

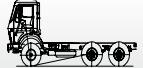
AJAX launched the first 44m concrete boom pumps on 6x4 chassis, making them the most versatile boom pumps in the industry. With best-in-class fuel efficiency, lower maintenance costs and higher productivity, AJAX Boom pumps offer the best return of investment.



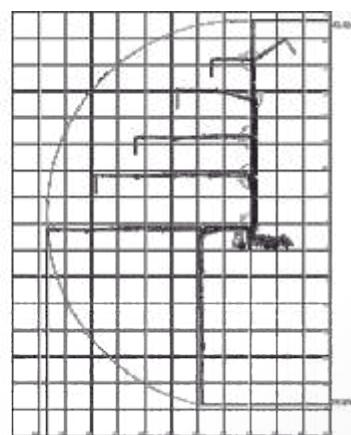
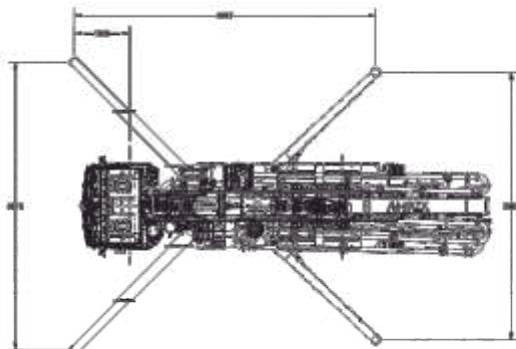
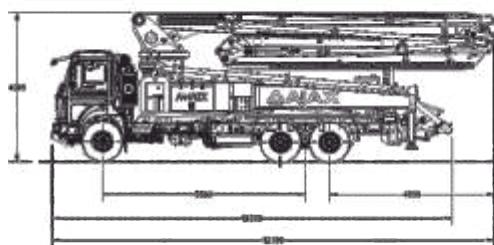
Model	Reach Height
A25ZX	24.15 m
A30ZX	29.15 m
A44RZX	43.1 m



TECHNICAL SPEC

DESCRIPTION	A44RZX	DESCRIPTION	A44RZX
Concrete Output (max.) Bore side	90 cum	Reaching height (Vertical)	43.1 m
Concrete pressure (max.) Bore side	83 bar	Horizontal reach (from Center of slewing axis)	38.5 m
No of strokes (max.) Bore side	26 per min	Reach depth	29.2 m
Delivery cylinder bore x stroke	ø230 x 1400 mm	Slewing angle	365°
Hydraulic system pressure	365 bar	1st folding angle	92°
Hopper capacity	600 L	2nd folding angle	180°
Distribution valve	S2318	3rd folding angle	180°
Pumping-line diameter	Dn125	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.



Auto Lubrication System

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



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)



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



Self-Loading Concrete Mixer



Batching Plant



Transit Mixer



Concrete Pump



Boom Pump



Self-Propelled Boom Pump



Concrete Slip-Form Paver

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BOOM PUMPS



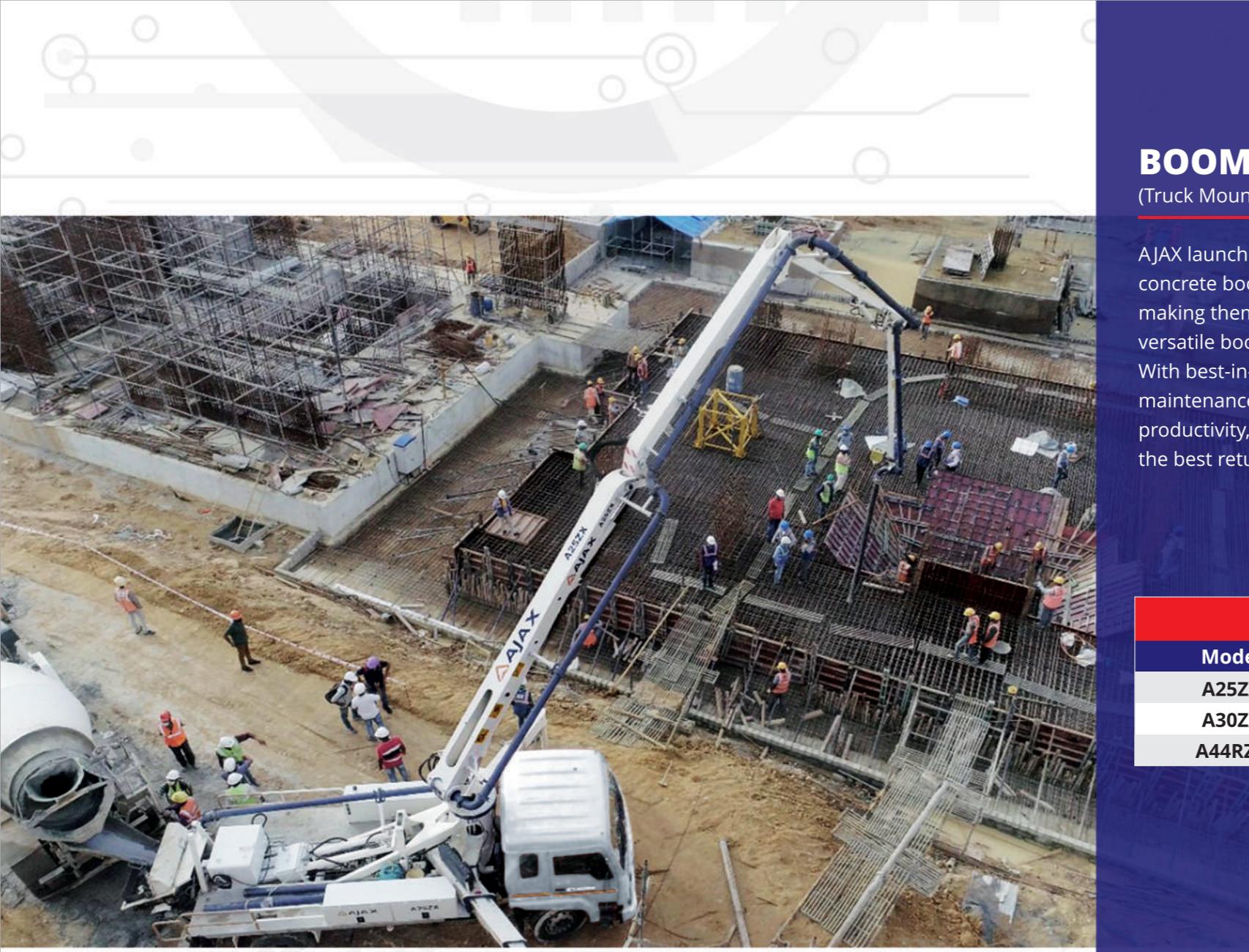
AZX / ARZX SERIES

(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



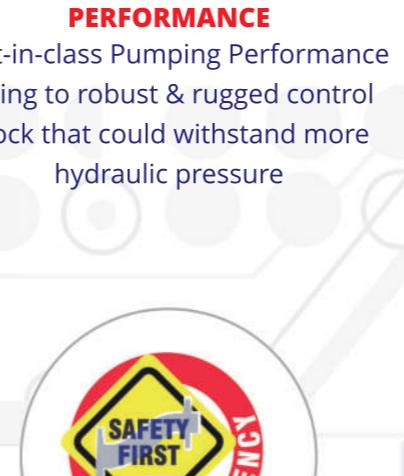
ENERGY EFFICIENT
50% O&M Cost Saving since Oil change interval is less [sufficiency of oil change for every 2000 hrs)



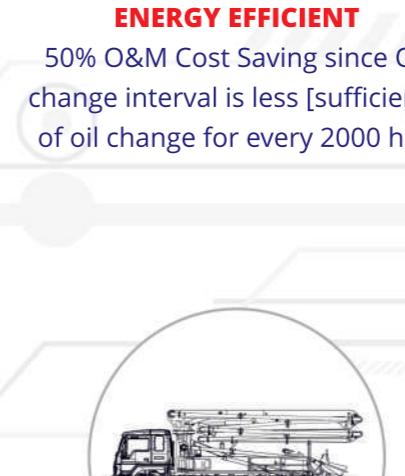
300% LONGER LIFE
300% longer life compared to non-carbide wear parts and very less operating temperature in Open Circuit



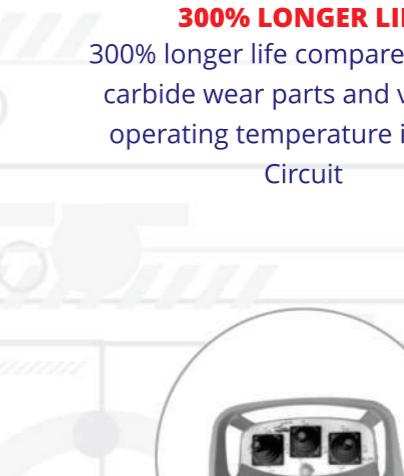
SAFETY FIRST
Limit switch ensures the safety during S valve operations, Emergency stop - cuts down the complete operations



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 troubleshooting

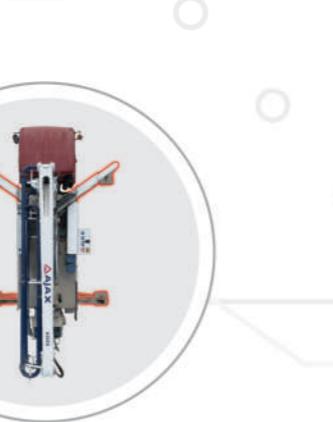
BEST IN CLASS IN THE INDUSTRY
First in India to launch 25 & 30 m boom pump on 4x2 chassis, Rugged design to work at any tough site

SALIENT FEATURES



S VALVE TECHNOLOGY

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



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



MAIN PUMPING UNIT

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



SOLID RAM

Designed with special profile for slurry leak free pumping



WEAR PARTS

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

365° ROTATION

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



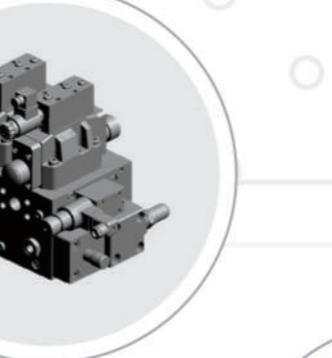
BOOM DESIGN

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



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



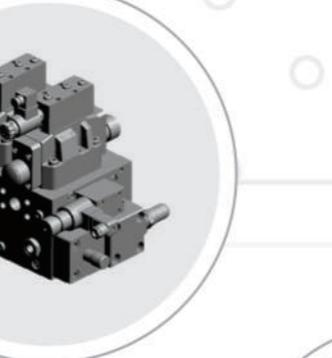
BOOM DESIGN

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RADIO REMOTE

100 m range for all boom operations



AUTO LUBRICATION SYSTEM

The robust auto lubrication system facilitates toward hassle free maintenance, Designed with performance indicators



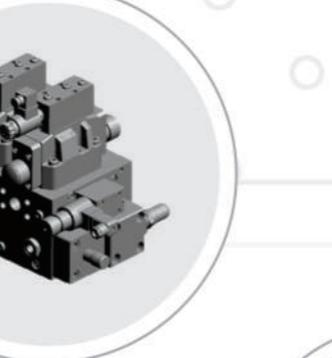
HOPPER / AGITATOR

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



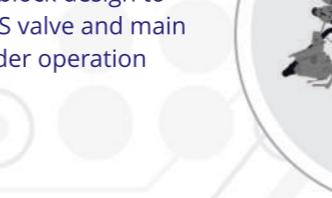
HOPPER & S-VALVE

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



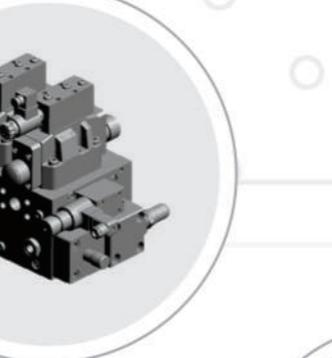
TWIN LAYER PIPE LINE

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



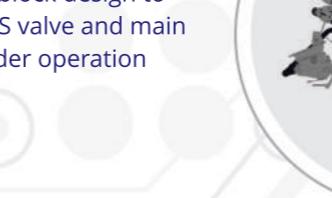
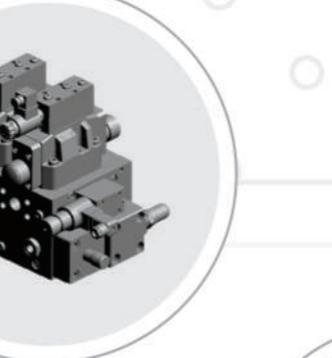
SLUMP METER*

To test concrete slump during sampling



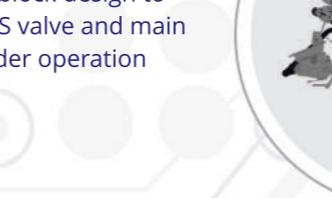
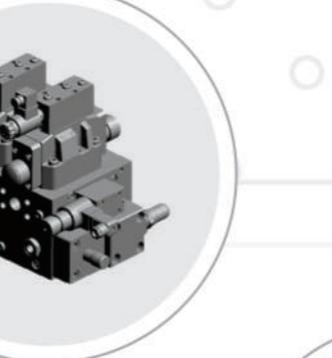
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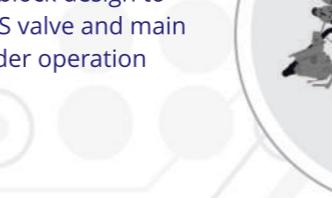
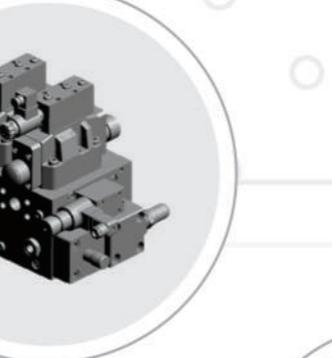
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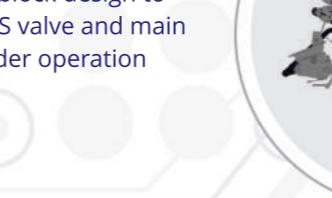
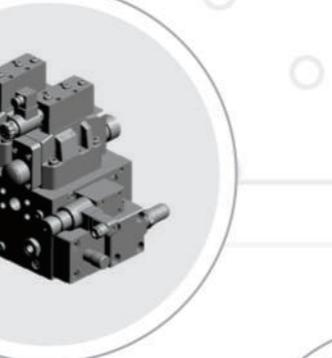
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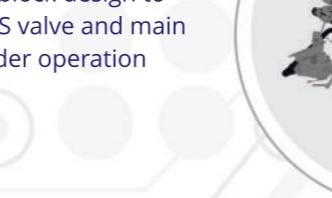
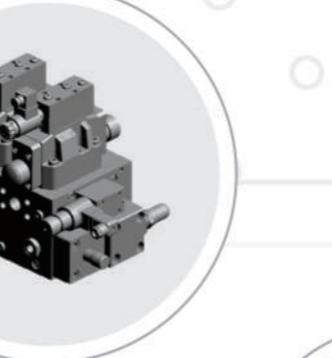
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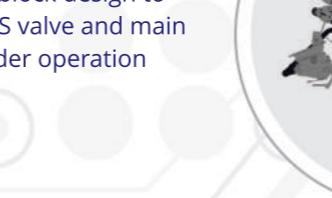
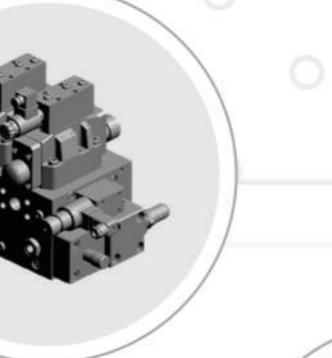
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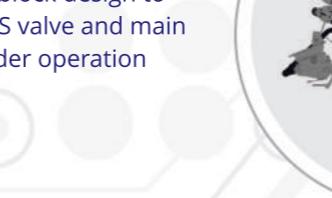
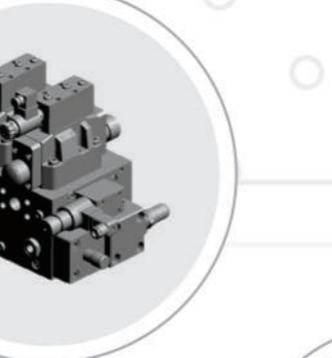
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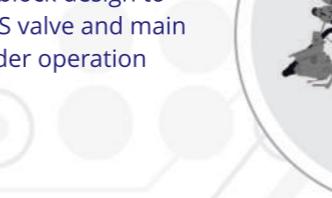
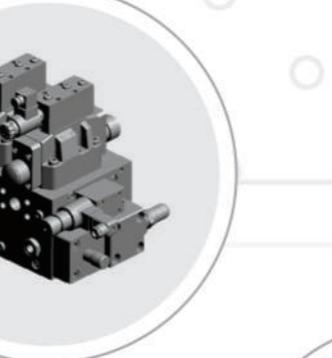
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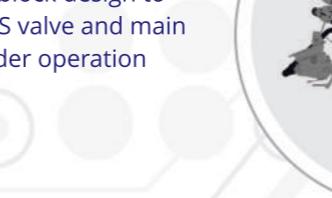
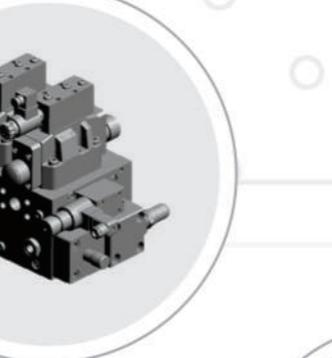
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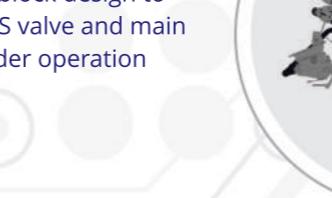
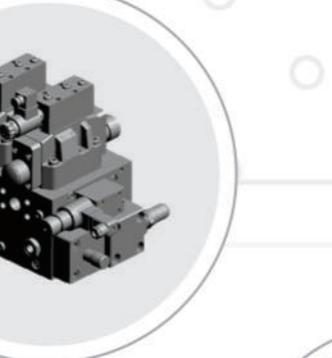
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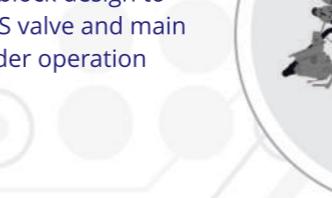
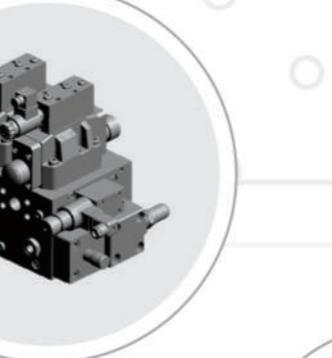
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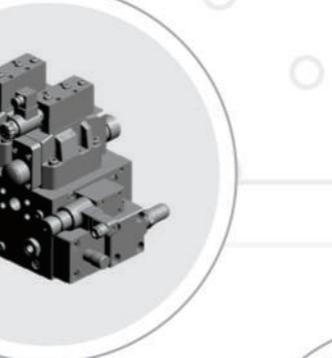
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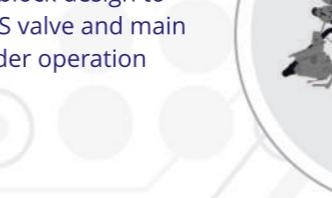
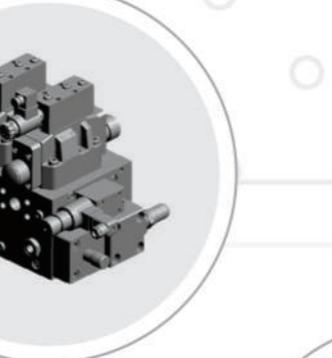
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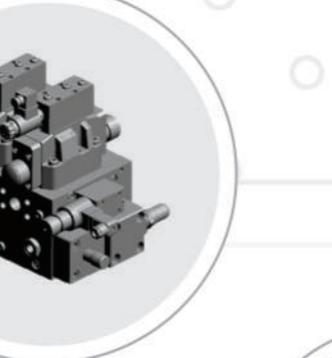
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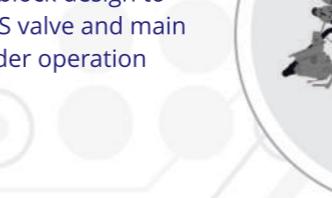
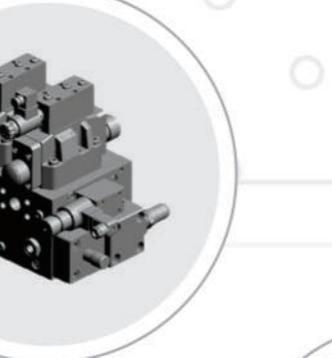
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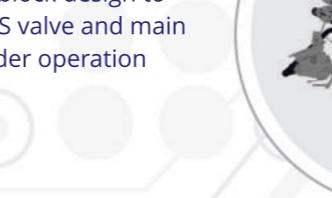
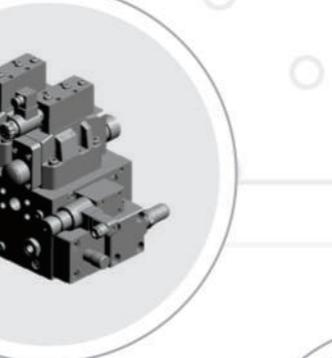
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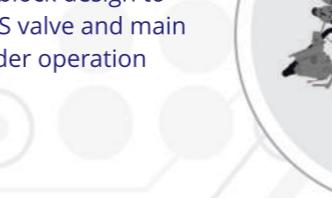
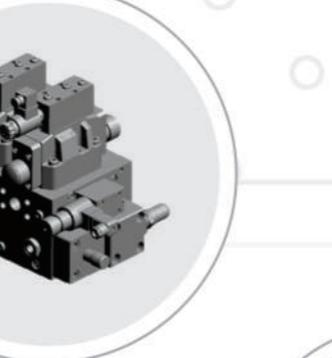
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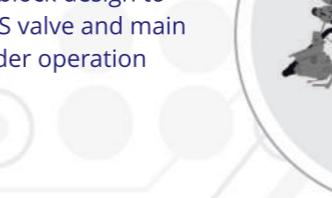
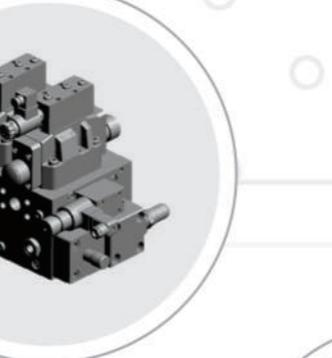
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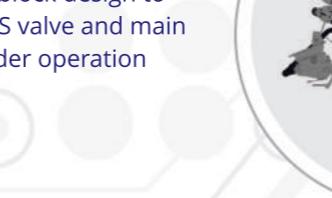
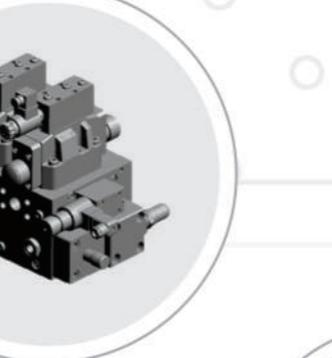
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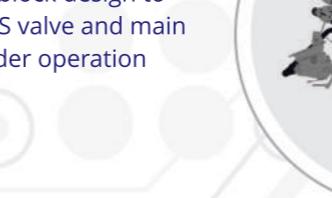
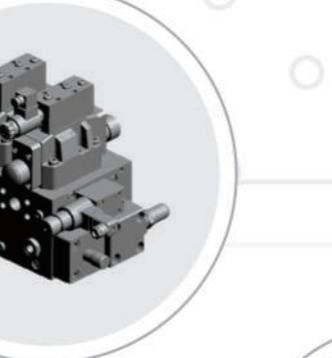
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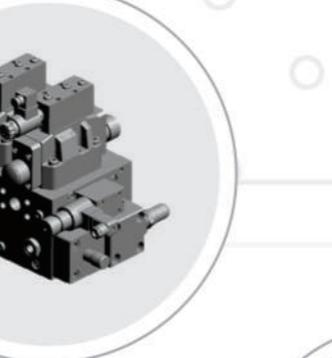
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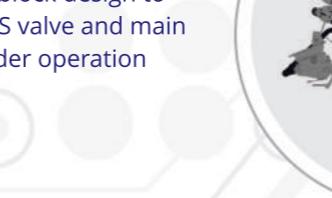
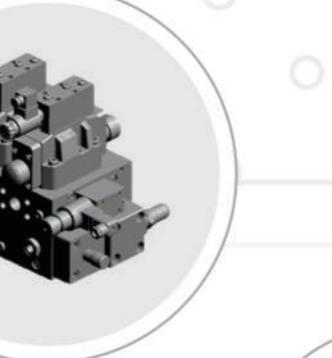
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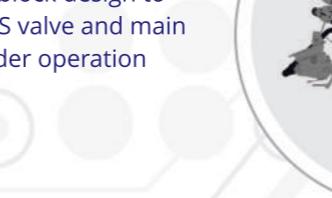
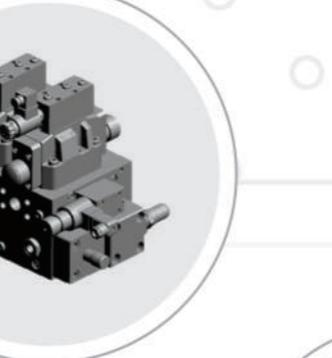
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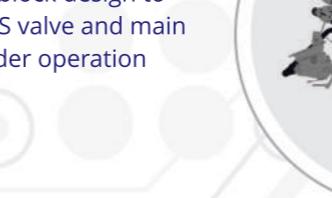
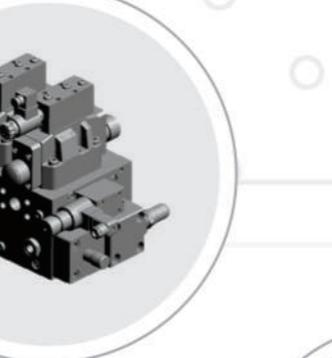
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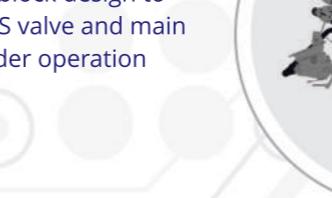
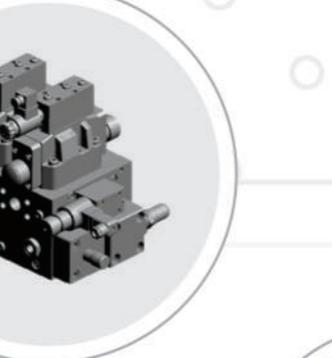
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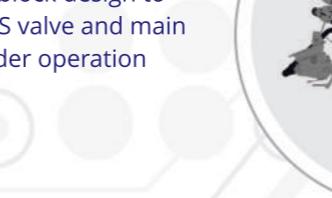
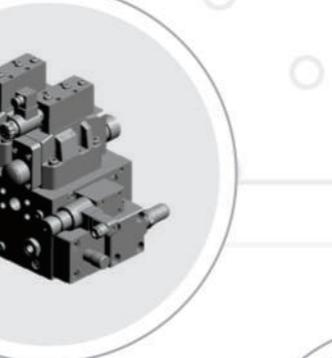
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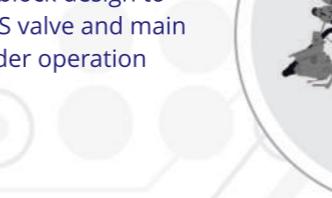
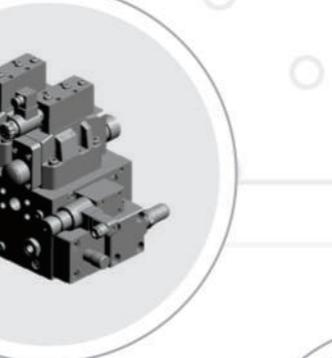
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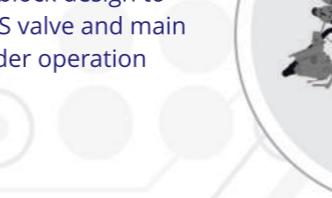
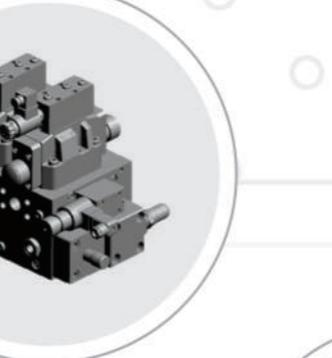
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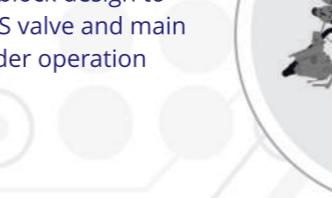
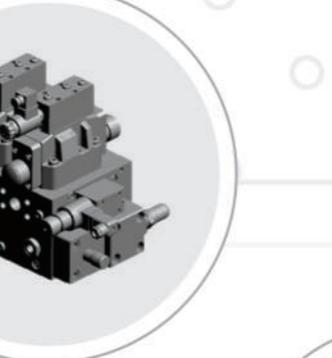
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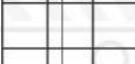
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SLUMP METER*

TECHNICAL SPEC

Description	A25ZX - A30ZX	A44RZX
Max Concrete o/p (Rod)	70 m ³ / hr	-
Max Concrete o/p (Piston)	48 m ³ / hr	90 m ³ / 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

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



Self-Loading
Concrete Mixer



Transit Mixer



Concrete Pump



Self-Propelled
Boom Pump

Concrete
Slip-Form Paver



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