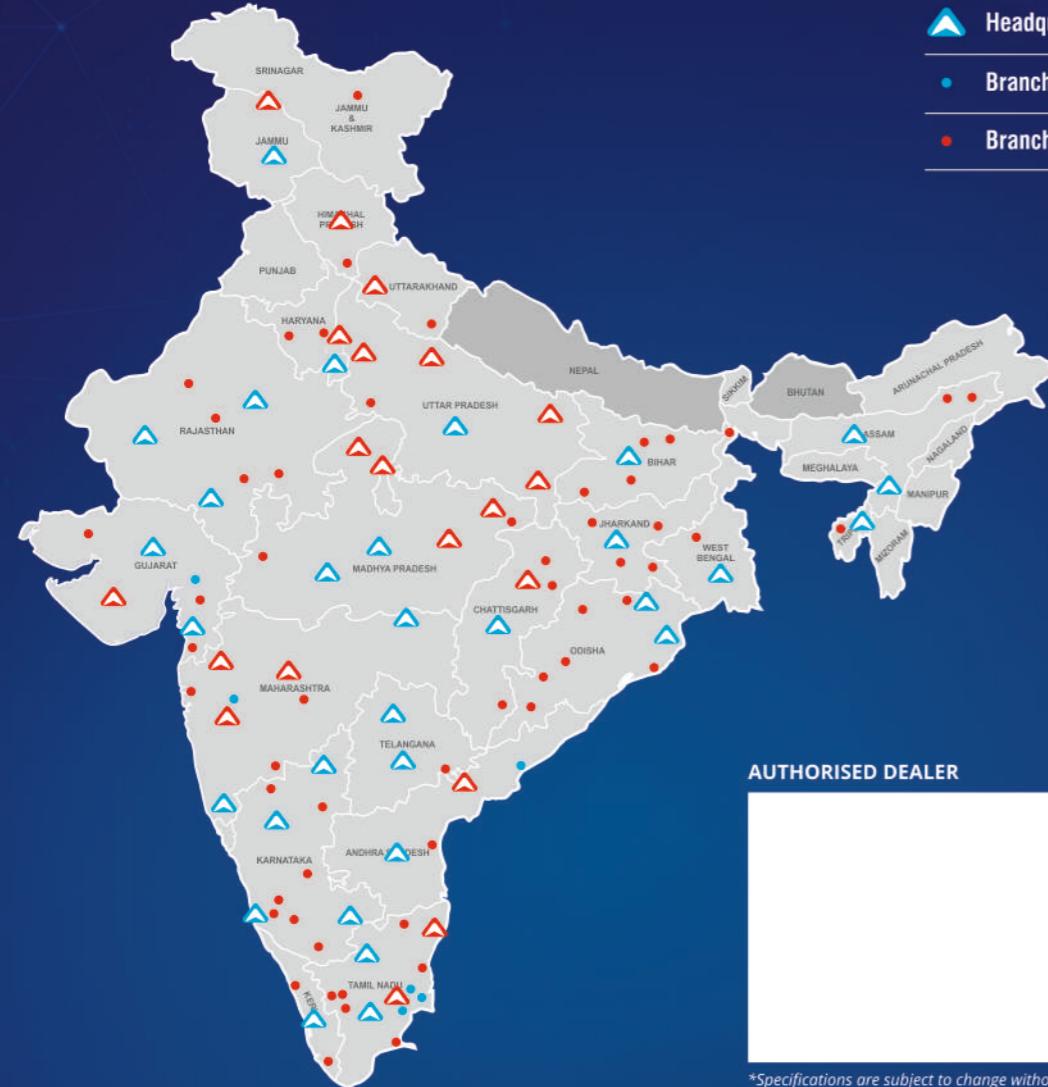


UNPARALLELED NETWORK

in CONCRETING INDUSTRY



AUTHORISED DEALER

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



Please Scan to know
more about Ajax

The Next-Gen 360° Concreting Solutions



Follow us on Toll Free No: 1-800-419-0628 www.ajax-engg.com

Registered Office - AJAX ENGINEERING LIMITED (Formerly known as Ajax Engineering Pvt. Ltd.), #253/1, 11th Main, 3rd Phase, Peenya Industrial Area, Bengaluru-560 058.
CIN No.: U28245KA1992PLC013306 | T: +91 80 6720 0082, 6720 0083 | Email: customercare@ajax-engg.com

ARGO SERIES

SLCM

The Next-Gen 360° Concreting Solutions



CRDI[®]
TECHNOLOGY



***Available only in select models.**

The logo for 'MADE IN INDIA' features the words 'MADE IN' in a large, bold, black sans-serif font at the top. Below it, 'INDIA' is written in a large, bold, black font with a thick green horizontal bar extending across the letters 'I', 'N', 'D', and 'I'. At the bottom, the words 'MADE FOR THE WORLD' are written in a smaller, black, sans-serif font.

ARGO SERIES

In the 1990s, AJAX was the pioneer in introducing the concept of Self-Loading Concrete Mixer (SLCM) to our nation standing by the values, beliefs & hopes of millions of concreting workers' households and now, it has become the largest SLCM manufacturer in the world. AJAX provides complete concrete solutions in supporting the infrastructure sector thereby boosting Infrastructure Economy. ARGO Model's mantra is 'Maximum Productivity; Optimal Investment': Doing more with less; One extra-ordinary machine that can do the work of 10 ordinary men will result in very good savings in terms of Return on Investment. The unrivalled versatility and efficiency would greatly deliver a reliable mix producing optimal concrete batches resulting in greater productivity with minimal skill or effort involved that can be operated at ease by an operator. AJAX Engineering Limited has launched its new range of CEV Stage-V ARGO SLCMs that entail a series of new ARGO products to meet a wide range of applications for customers.

The new CEV Stage-V engines are more environment friendly with well proven CRDi technology and after treatment system that reduces emission levels. The New AJAX ARGO SLCM offers a host of features that provide highest productivity as well as value added features like Load Cells, Advanced Telematics and Admixture Dosing Unit, many more features for varied applications such as Irrigation, Roads, Bridges, Buildings, Railways, Renewable Energy, Infrastructure projects etc.

AJAX, always believes in "CUSTOMER FIRST" focus and all its products are designed and manufactured in the state-of-the-art plant and backed by the widest dealer Network of over 53 Dealers with more than 100 Branch Offices to offer the best- in-class after sales support to ensure maximum uptime for its customers.



PROVEN & TESTED IN INDIAN TOUGH TERRAINS



- New fuel efficient CEV Stage -V engine.
- Superior engine performance.
- Engine control unit (ECU) equipped with CRDI (Common Rail Direct Injection) system - Provides higher output power and torque rise while offering exceptional fuel efficiency.
- The CEV Stage -V Engine has After Treat System (ATS) consisting of Engine Gas Recirculation (EGR) and Diesel Oxidation Catalyst (DOC) which reduces the carbon emission and latest technology of Selective Catalytic Reduction (SCR) (from 110 hp) uses Adblue into the system.

DIGITAL CLUSTER DISPLAY



APPLICATIONS



RAILWAYS



PRECAST



BUILDINGS



INDUSTRIAL FOUNDATION



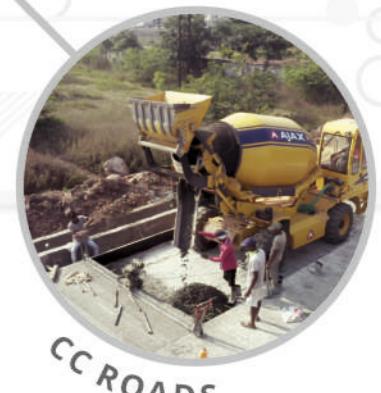
BRIDGES



CANAL LINING



SMART CITY PROJECT



CC ROADS

SALIENT FEATURES



3 WAY STEERING

3 way steering ensures tight turning radius and excellent manoeuverability, ideal for work in confined space



4 WHEEL DRIVE

Truly an Off-roader acting as a tough terrain vehicle with good tight-turning radius and higher gradeability with Improved traction contributing to better grip on slippery & harsh terrains



LOADING BUCKET

Smooth flow of materials in to the drum with NO spillage



LOAD CELL WEIGHING SYSTEM*

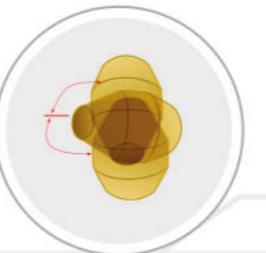
Load cell weighing system defines a paradigm Shift in concreting, with the best-in-class weighing accuracy for cement, fine & coarse aggregates

*Patent Applied for



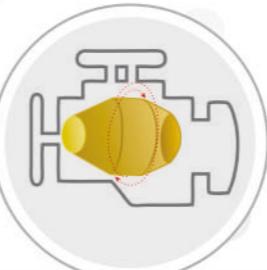
SMART CBC (CONCRETE BATCH CONTROLLER)

Ensures desired quality of concrete is delivered as per mix design by allowing the operator to calibrate the quantity of aggregates into the mixer, User friendly switch controls, Alpha numeric keypad with TFT colour display, Multiple recipe option & storage up to 10000 batches with Water/additive auto cut-off



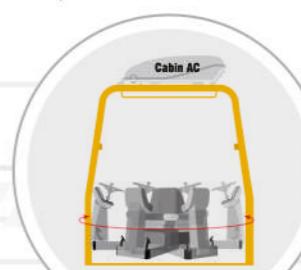
AUTO MIXING MODE

Auto mixing ensures complete mixing cycle due to pre-set duration resulting in the best-in-class homogeneous concrete.



TELEMATICS

IoT enabled Fleet-tracking & monitoring system through telematics that also ascertains fuel efficiency, offline/online monitoring & real time reports



CABIN ERGONOMICS

Swivelable operator's post 180° provides good visibility both during driving, loading & discharging with best-in-class comfort & ease of operations to the operator



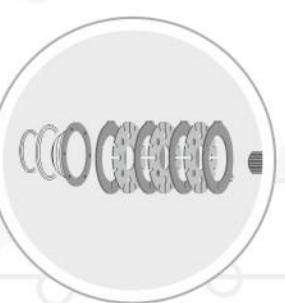
CENTRALIZED GREASING SYSTEM

#Enhances the life of internal components
Subject to conditions



REAR VIEW CAMERA

Vehicle reversing camera with display unit provides wider field of vision that helps in monitoring the loading / unloading operations from sitting inside the cabin



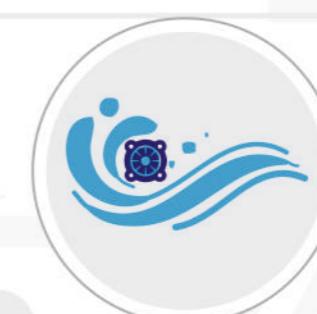
HYDRAULIC WET DISC BRAKES

Better control on terrains by engaging both front and rear axle in operation



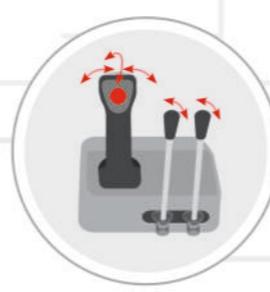
EMERGENCY PARKING BRAKE SYSTEM

Ensures Safety and hazard on any working & static condition



ADMIXTURE DOSING UNIT

A separate design unit for dosing admixer to the drum.



JOYSTICK & LEVER OPERATIONS

Ease of operation with effective hydraulic controls sitting inside the operator's cabin having complete control over bucket, slide gate, loading arm, drum lift & drum swivel



BI-DIRECTIONAL TYRES

Flat bi-directional tread pattern with high lug-to-void ratio equipped with void guard protection

BEST-IN-CLASS BENEFITS



HIGH PRODUCTIVITY

Parallel water-cement loading, Optimised site layouting helps in achieving optimal output, Single lever for lifting arm bucket & closed gate operations enhances productivity, best-in-class output



LESS FUEL CONSUMPTION

Less fuel consumption due to best-in-class power to weight ratio & auto mixing mode



AJAX GENUINE OIL
Specially designed hydraulic oil ensuring longer change intervals and regulates temperature for better performance, best-in-class performance

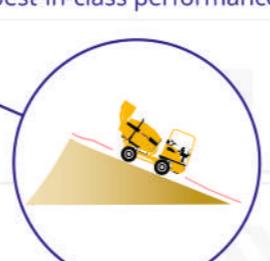


LOAD CELL WEIGHING SYSTEM

High accuracy leads to accurate weighing resulting in best in class annual cost savings



Closed gate bucket ensures zero spillage of materials, Controlled loading of aggregates, No wastage leads to best-in-class annual cost savings



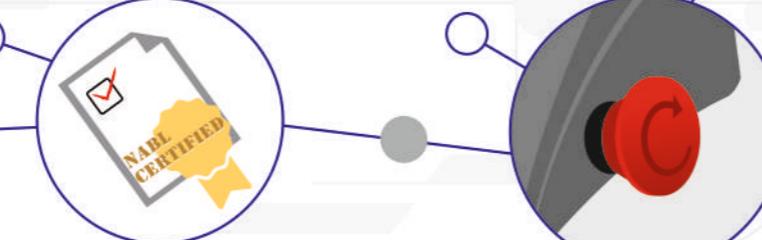
GRADEABILITY
Can Traverse with concrete load on inclined terrains with zero spillage
Subject to conditions

SAFETY FEATURES, STANDARDS & CERTIFICATIONS



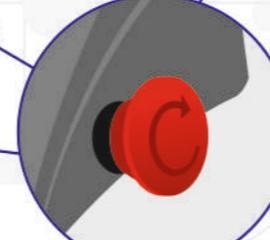
QUALITY & SAFETY STANDARDS

Robust built quality, Safest machine in any working conditions



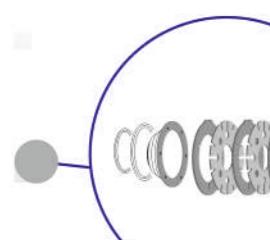
CERTIFIED HOMOGENOUS CONCRETE

Best in class providing homogeneous concrete mix and highest accuracy in weighing system compliant to IS Standards



EMERGENCY PARKING BRAKE SYSTEM

Ensures Safety and hazard on any working & static condition



HYDRAULIC WET DISC BRAKES

Better control on terrains by engaging both front and rear axle in operation



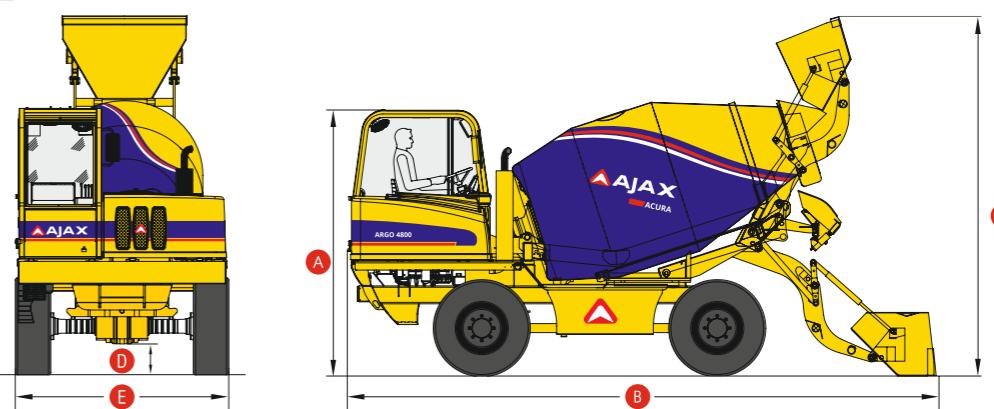
ARAI CERTIFICATION
ARAI Certification enables machine to drive on roads.

TECHNICAL SPECIFICATIONS

PARAMETER	ARGO 2000	ARGO 2500	ARGO 3000	ARGO 4500	ARGO 4800
Available Engines	KIRLOSKAR: 36.09kw @ 2200 rpm, 4 Cylinder Inline, Water Cooled, CEV Stage V Engine	ESCORTS KUBOTA: 43.25kw @ 2000 rpm, 4 Cylinder Inline, Water Cooled, CEV Stage V Engine	KIRLOSKAR: 54.8kw @ 2200 rpm, 4 Cylinder Inline, Water Cooled, Naturally Aspirated, CEV Stage V Engine	KIRLOSKAR: 55kw @ 2200 rpm, 4 Cylinder Inline, Water Cooled, Turbo Charged Inter-cooled, CEV Stage V Engine	KIRLOSKAR: 81kw @ 2200 rpm, 4 Cylinder Inline, Water Cooled, Turbo Charged Inter-cooled, CEV Stage V Engine
Chassis	Rigid Type	Rigid Type	Rigid Type	Rigid Type	Rigid Type
Weighing Technology	Pressure Transducer	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Load Cell
Drum Capacity	2 cu.m.	2.5 cu.m.	3 cu.m.	4.5 cu.m.	4.8 cu.m.
Max. Drum Rotation Speed	0-18 rpm	0-18 rpm	0-18 rpm	0-18 rpm	0-18 rpm
Unladen Weight	5661 kg	6310 kg	7400 kg	8890 kg	9140 kg
Variant	Non-Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel
Tyre Spec	12.0 / 75 - 18 - 14 PR	12.5 / 80 - 18 - 16 PR	12.5 / 80 - 18 - 16 PR	405 / 70-20 Mt54 14 PR (HD)	16 / 70-20 20 PR
Water Tank Capacity	360 L	420 L	600 L	800 L	800 L
Fuel Tank Capacity	64 L	64 L	100 L	135 L	135 L
Hydraulic Tank Capacity	82 L	82 L	110 L	110 L	110 L
Adblue Tank Capacity	NA	NA	NA	16 L	16 L
Bucket Capacity	320 L	400 L	400 L	600 L	625 L
Water Pump Capacity	230 lpm	230 lpm	230 lpm	300 lpm	400 lpm
Vehicle Speed	22 kmph	22 kmph	23 kmph	28 kmph	28 kmph
Gradeability	22°	22°	19°	21°	21°
Drive	Full Time 4 Wheel Drive	Full Time 4 Wheel Drive	Full Time 4 Wheel Drive	Full Time 4 Wheel Drive	Full Time 4 Wheel Drive

*Derived with concrete slump capacity ≤50mm

DIMENSIONS



Dimension (mm)	ARGO 2000	ARGO 2500	ARGO 3000	ARGO 4500	ARGO 4800
A	2887	2947	3010	3024	3042
B	6132	6000	6345	6973	7112
C	3320	3750	3850	4330	4290
D	280	315	360	373	373
E	2177	2200	2370	2480	2530