

ARGO SERIES SLCM

The Next-Gen 360°
Concreting Solutions



Introducing
All New
CEVStage-IV
COMPLIANT



*Patent Applied for



*Available only in select models

MADE IN
INDIA
MADE FOR THE WORLD

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 Pvt. Ltd., has launched its new range of CEV Stage-IV ARGO SLCMs that entail a series of new ARGO products to meet a wide range of applications for customers.

The new CEV Stage-IV 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, Admixture Dosing Unit, HARDOX Drums and 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 35 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-IV 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-IV 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 manoeuvrability, ideal for work in confined space



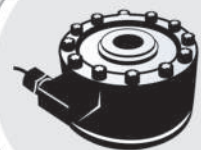
4 WHEEL DRIVE

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*

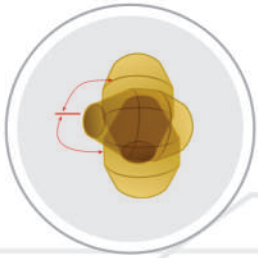
Load cell weighing system defines a paradigm Shift in concreting, with the best-in-class weighing accuracy for cement, fine & coarse aggregates

**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.



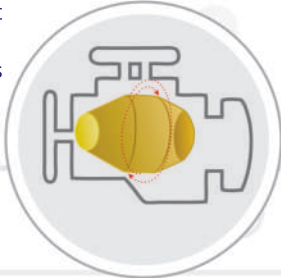
TELEMATICS

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



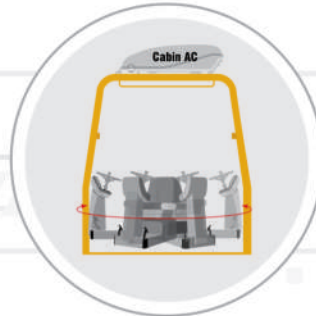
CENTRALIZED GREASING SYSTEM

#Enhances the life of internal components
Subject to conditions



ELECTRO HYDRAULIC DRUM CONTROL UNIT

Independent controls unit for varying Engine speed without affecting the Drum rotation resulting in best-in-class Fuel Economy with substantial cost savings



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



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



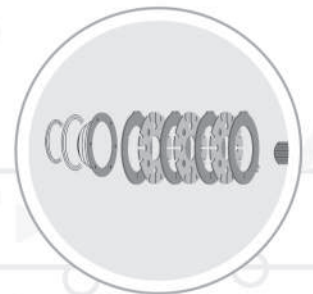
DRUM SWIVEL MODE

Gives an extra edge to the operator to reach the farthest point for placing concrete that provides operator better productivity & operator efficiency



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



ADMIXTURE DOSING UNIT

A separate design unit for dosing admixer to the drum.



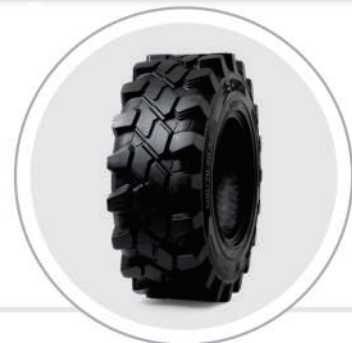
JOYSTICK & LEVER OPERATIONS

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



AUTO CLEANING MODE

Auto cleaning facilitates complete drum cleaning thereby minimizing concrete setting and optimal water usage.



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



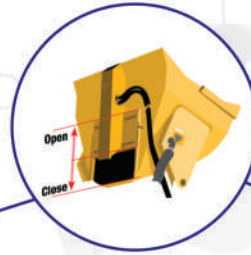
LESS FUEL CONSUMPTION

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



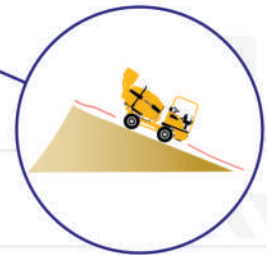
AJAX GENUINE OIL

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



ZERO SPILLAGE

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



LOAD CELL WEIGHING SYSTEM

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

SAFETY FEATURES, STANDARDS & CERTIFICATIONS



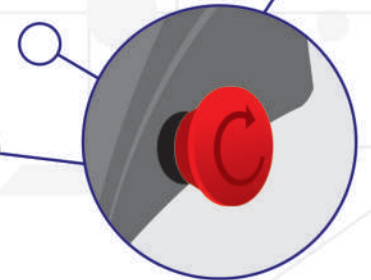
QUALITY & SAFETY STANDARDS

Robust built quality, Safest machine in any working conditions



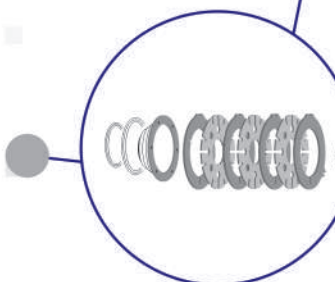
CERTIFIED HOMOGENOUS CONCRETE

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.

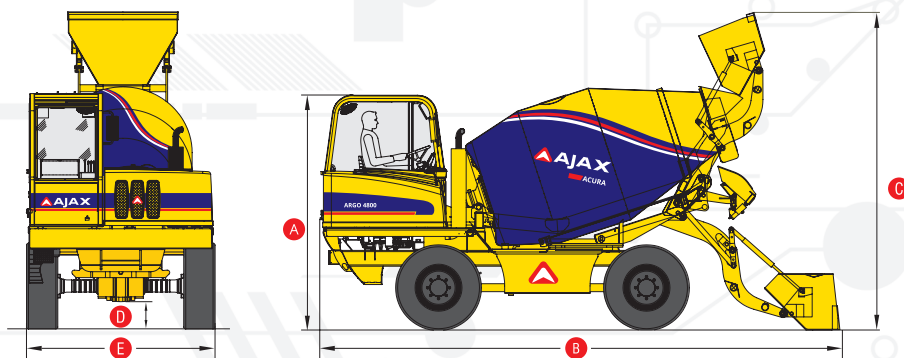
TECHNICAL SPEC

PARAMETER	ARGO 1000	ARGO 2000	ARGO 2300	ARGO 2800	ARGO 3500	ARGO 4300	ARGO 4800
Weighing Technology	Pressure Transducer	Pressure Transducer	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Load Cell
Drum Output*	1 cu.m	2 cu.m	2.3 cu.m	2.8 cu.m	3.5 cu.m	4.3 cu m	4.8 cu m
Max. Drum Rotation Speed	18 rpm	22 rpm	19 rpm	19 rpm	18 rpm	19 rpm	19 rpm
Unladen Weight	3210 kg	5531 kg	6130 kg	7320 kg	8100 kg	8290 kg	8930 kg
Bucket Capacity	250 L	320 L	400 L	400 L	600 L	600 L	625 L
Fuel Tank	40 L	65 L	65 L	100 L	100 L	115 L	135 L
Water Tank	65 L	360 L	420 L	600 L	700 L	800 L	850 L
Water Pump Capacity	230 lpm	230 lpm	230 lpm	230 lpm	300 lpm*	230 lpm	400 lpm
Adblue Tank Capacity	NA	NA	NA	NA	NA	16 L*/ 18L**	16 L*/ 18L**
Gradeability	17°	22°	23°	19°	24°	23°	21°
Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive
Tyre	10.0 / 75 - 15.3 - 18 PR	12.0 / 75 - 18 - 12 PR	12.5 / 80 - 18 - 14 PR	12.5 / 80 - 18 - 14 PR	12.5 / 80 - 18 - 16 PR	405/70 - 20 - 14 PR	400/70 - 20 IND 155 A8
Vehicle Speed	0 - 18 kmph	0 - 23 kmph	0 - 22 kmph	0 - 25 kmph	0 - 22 kmph	0 - 29 kmph	0 - 29 kmph
Variant	Non-Swivel	Non-Swivel	Non-Swivel/Swivel	Non-Swivel/Swivel	Non-Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel
Available Engines	Mahindra 44.6hp @ 2300 rpm CEV Stage III	Kirloskar 49.5 hp @ 2200 rpm CEV Stage III	Escorts 49.5 hp @ 1850 rpm CEV Stage III	Kirloskar* 73.5 hp @ 2200 rpm Mahindra** 74.8 hp @ 2200 rpm Ashok Leyland*** 74 hp @ 2200 rpm CEV Stage IV	Travel engine Escorts 49.5hp @ 1850 rpm Drum drive engine Escorts 49.5hp @ 2200 rpm CEV Stage III	Kirloskar* 110 hp @ 2200 rpm Turbo Charger Mahindra** 110 hp @ 2200 rpm Turbo Charger CEV Stage IV	Kirloskar* 110 hp @ 2200 rpm Turbo Charger Mahindra** 110 hp @ 2200 rpm Turbo Charger CEV Stage IV

OPTIONAL FEATURES AVAILABLE IN SELECT MODELS

- Telematics • Rear View Camera • HARDOX Drum • Admixture Dosing Unit • Bi-Directional Tyres
- Smart CBC • Cabin AC • EH Drum Control • High Pressure Water Jet • Auto Water Cut-off

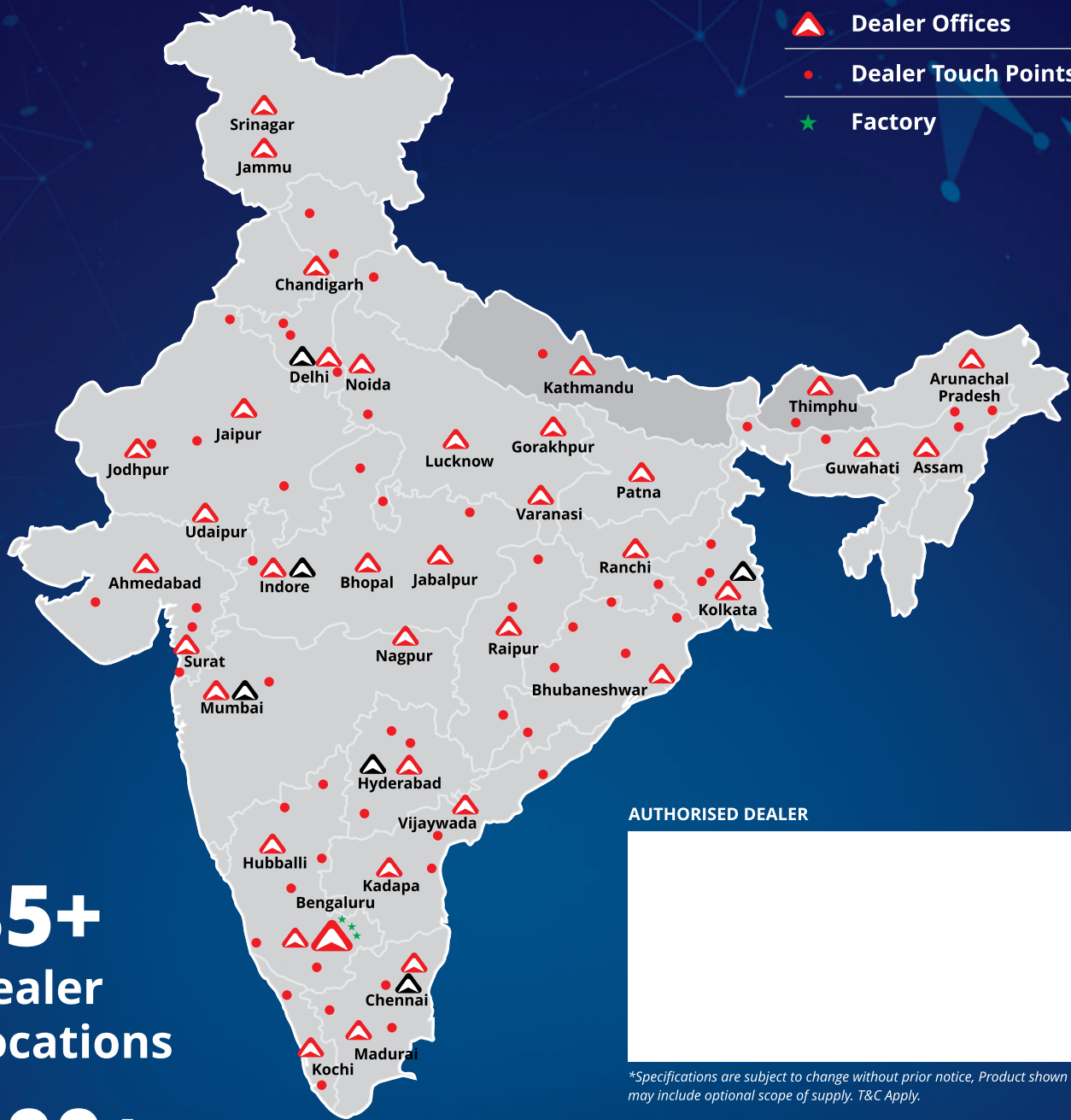
DIMENSIONS



Dimension in mm	ARGO 1000	ARGO 2000	ARGO 2300	ARGO 2800	ARGO 3500	ARGO 4300	ARGO 4800
A	2520	2816	2857	2935	2900	3015	3025
B	5160	6070	5830	6205	7200	6835	7115
C	2975	3310	3690	3800	4175	4290	4240
D	260	270	307	315	301	375	353
E	1670	2150	2214	2370	2400	2480	2530

UNPARALLELED NETWORK IN CONCRETING INDUSTRY

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



35+
Dealer
Locations

100+
Touch Points

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



Self-Loading Concrete Mixer



Batching Plant



Transit Mixer



Concrete Pump



Boom Pump










Self-Propelled Boom Pump



Concrete Slip-Form Paver



MAKES CONCRETE SENSE

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