

# ARGO SERIES SLCM

The Next-Gen 360°  
Concreting Solutions

Introducing  
All New  
**CEV Stage-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.



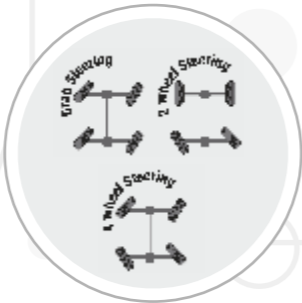
### DIGITAL CLUSTER DISPLAY



## APPLICATIONS



**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



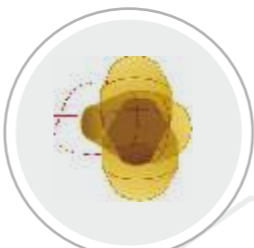
**LOADING BUCKET**  
Smooth flow of materials in to the drum with NO spillage



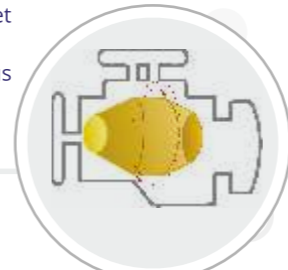
**LOAD CELL WEIGHING SYSTEM\***  
Load cell weighing system defines a paradigm Shift in concreting, with the best-in-class weighing accuracy for cement, fine & coarse aggregates  
*\*Patent Applied for*



**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.



**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



**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



**ADMIXTURE DOSING UNIT**  
A separate design unit for dosing admixer to the drum.



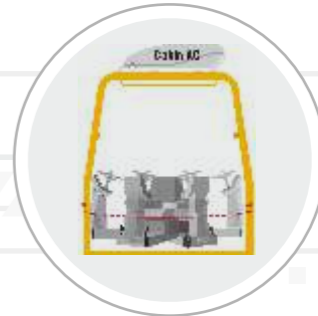
**JOYSTICK & LEVER OPERATIONS**  
Ease of operation with effective hydraulic controls sitting inside the operator's cabin having complete control over bucket, slide gate, loading arm, drum lift & drum swivel



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

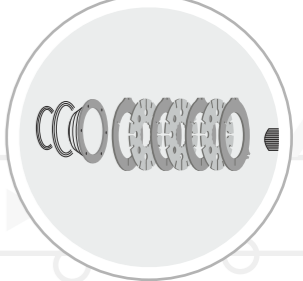


**CENTRALIZED GREASING SYSTEM**  
#Enhances the life of internal components  
*# Subject to conditions*



**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

**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

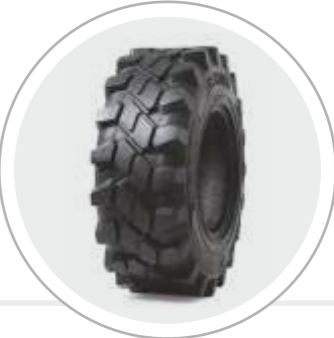


**EMERGENCY PARKING BRAKE SYSTEM**  
Ensures Safety and hazard on any working & static condition

**HYDRAULIC WET DISC BRAKES**  
Better control on terrains by engaging both front and rear axle in operation



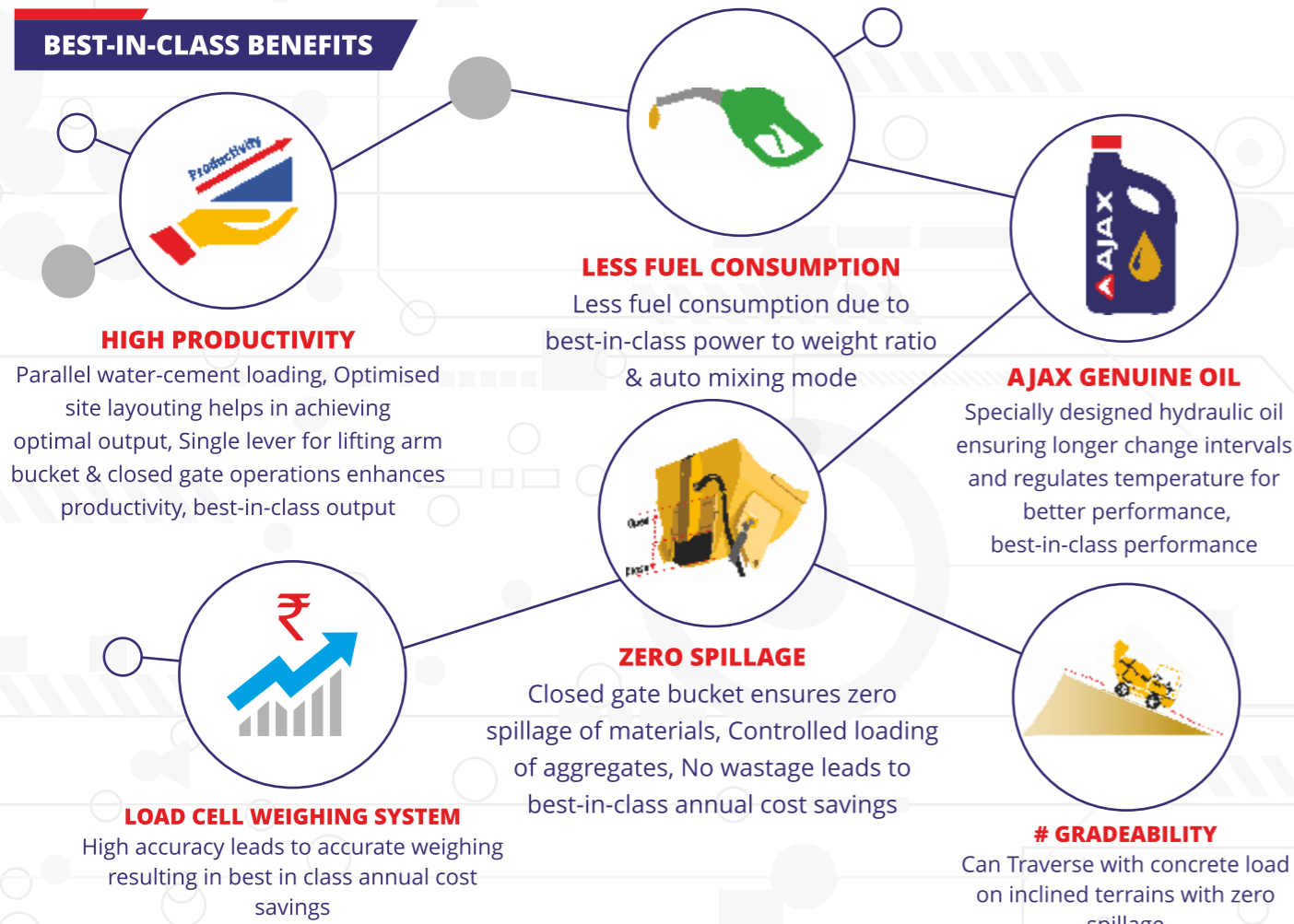
**AUTO CLEANING MODE**  
Auto cleaning facilitates complete drum cleaning thereby minimizing concrete setting and optimal water usage.



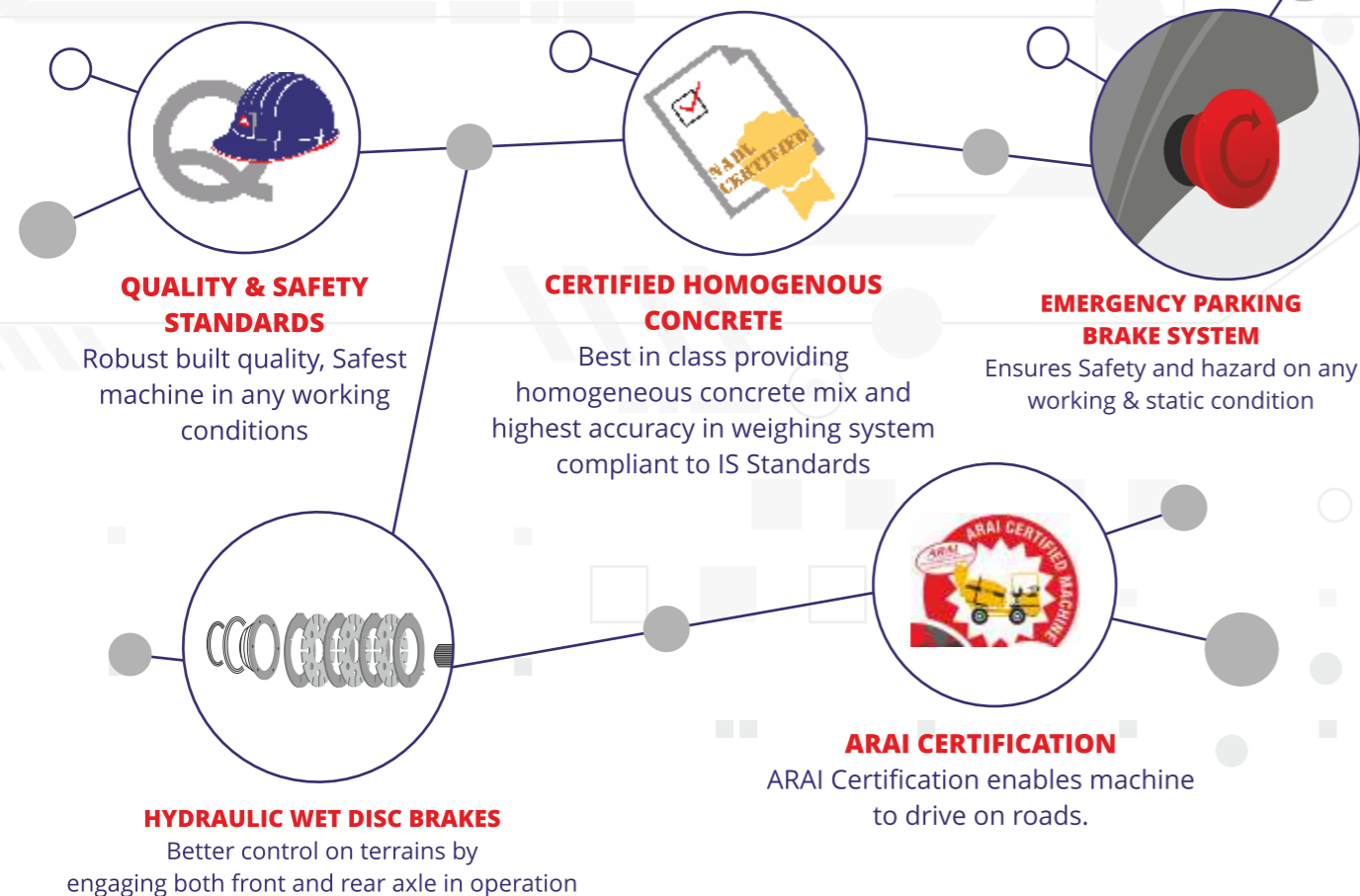
**BI-DIRECTIONAL TYRES**  
Flat bi-directional tread pattern with high lug-to-void ratio equipped with void guard protection



## BEST-IN-CLASS BENEFITS



## SAFETY FEATURES, STANDARDS & CERTIFICATIONS



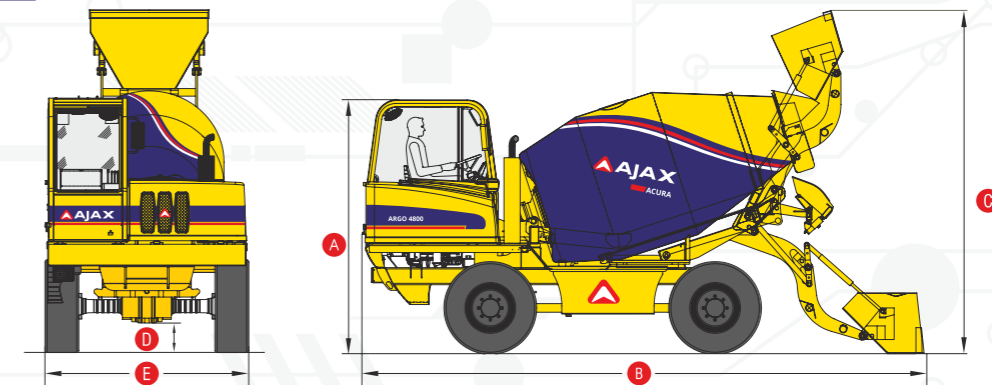
## TECHNICAL SPEC

PARAMETER	ARGO 1000	ARGO 2000	ARGO 2300	ARGO 2800	ARGO 4300	ARGO 4800
Weighing Technology	Pressure Transducer	Pressure Transducer	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	4.3 cu m	4.8 cu m
Max. Drum Rotation Speed	22 rpm	22 rpm	19 rpm	21 rpm	20 rpm	20 rpm
Unladen Weight	3210 kg	5531 kg	6160 kg	7320 kg	8290 kg	8930 kg
Bucket Capacity	250 L	320 L	400 L	400 L	600 L	625 L
Fuel Tank	40 L	65 L	65 L	100 L	115 L	135 L
Water Tank	65 L	360 L	420 L	600 L	800 L	850 L
Water Pump Capacity	230 lpm	230 lpm	230 lpm	230 lpm	400 lpm	400 lpm
Adblue Tank Capacity	NA	NA	NA	NA	16 L* / 18L**	16 L* / 18L**
Gradeability	17°	22°	23°	19°	23°	21°
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	405/70 - 20 - 14 PR	400/70 - 20 IND 155 A8
Vehicle Speed	0 - 18 kmph	0 - 22 kmph	0 - 22 kmph	0 - 25 kmph	0 - 29 kmph	0 - 29 kmph
Variant	Non-Swivel	Non-Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel
Available Engines	Mahindra 44.6 hp @ 2300 rpm	Kirloskar 49.5 hp @ 2200 rpm	Escorts 49.5 hp @ 1850 rpm	Ashok Leyland 74 hp @ 2200 rpm Turbo Charger  Kirloskar 73.5 hp @ 2200 rpm  Mahindra 75 hp @ 2200 rpm Turbo Charger	Kirloskar* 110 hp @ 2200 rpm Turbo Charger  Mahindra** 110 hp @ 2200 rpm Turbo Charger	Kirloskar* 110 hp @ 2200 rpm Turbo Charger  Mahindra** 110 hp @ 2200 rpm Turbo Charger

### 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 4300	ARGO 4800
A	2520	2816	2857	2935	3015	3025
B	5160	6070	5830	6205	6835	7115
C	2975	3310	3690	3800	4290	4240
D	260	270	307	315	375	353
E	1670	2150	2214	2370	2480	2530

# UNMATCHED SERVICE NETWORK

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



**35+**  
Dealer  
Locations

**100+**  
Branch Offices

## AUTHORISED DEALER

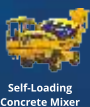









*\*Specifications are subject to change without prior notice. Product shown herein may include optional scope of supply. T&C Apply.*



Please Scan to know more about Ajax

## The Next-Gen 360° Concreting Solutions



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