

# ARGO SERIES SLCM

The Next-Gen 360°  
Concreting Solutions

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\*Patent Applied for



\*Available only in select models

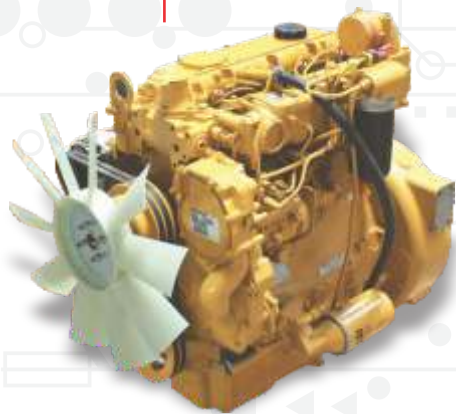
**MADE IN**  
  
**MADE FOR THE WORLD**

## 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.

The CEV BS III (CEV) and EU NRMM 97/68/EC Stage 3A compliant engines are more environment friendly that reduces emission levels. The 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 TOUGH TERRAINS

- AJAX the Global leader in SLCM associates with CAT the Global brand for engines. CAT provides its innovative and reliable solution using leading edge technology with an excellent worldwide dealer support.
- C4.4 series engine are modular and compact in design with best in class fuel consumption.

## DIGITAL CLUSTER DISPLAY



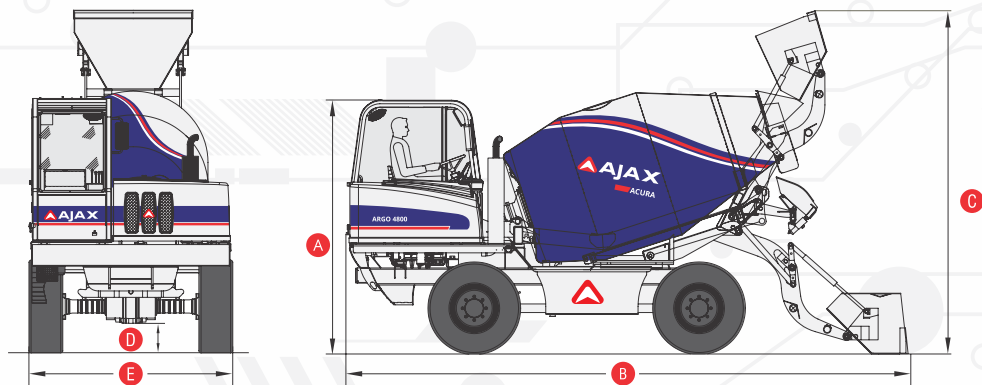
## TECHNICAL SPEC

PARAMETER	ARGO 1000	ARGO 2000	ARGO 2500	ARGO 4000	ARGO 4800
<b>Weighing Technology</b>	Pressure Transducer	Pressure Transducer	Pressure Transducer / Load Cell	Pressure Transducer / Load Cell	Load Cell
<b>Drum Output*</b>	1 cu.m	2 cu.m	2.5 cu.m	4 cu m	4.8 cu m
<b>Max. Drum Rotation Speed</b>	20 rpm	22 rpm	22 rpm	22 rpm	22 rpm
<b>Unladen Weight</b>	3210 kg	5531 kg	7165 kg	8110 kg	8930 kg
<b>Bucket Capacity</b>	250 L	320 L	400 L	590 L	625 L
<b>Fuel Tank</b>	40 L	65 L	90 L	110 L	135 L
<b>Water Tank</b>	65 L	360 L	600 L	800 L	850 L
<b>Water Pump Capacity</b>	230 lpm	230 lpm	230 lpm	230 lpm	400 lpm
<b>Gradeability</b>	17°	22°	20°	25.6°	21°
<b>Drive</b>	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive
<b>Tyre</b>	10.0 / 75 - 15.3 - 18 PR	12.0 / 75 - 18 - 12 PR	12.5 / 80 - 18 - 14 PR	16.0 / 70 - 20 - 14 PR	400/70 - 20 IND 155 A8
<b>Vehicle Speed</b>	0 - 18 kmph	0 - 22 kmph	0 - 24 kmph	0 - 28 kmph	0 - 29 kmph
<b>Variant</b>	Non-Swivel	Non-Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel
<b>Available Engines</b>	Mahindra 44.6 hp @ 2300 rpm	Kirloskar 49.5 hp @ 2200 rpm	KOEL 76 hp @ 2200 rpm Bharat Stage-III (CEV) Turbo Charger	KOEL 110 hp @ 2500 rpm Bharat Stage-III (CEV) Turbocharged + Intercooled	KOEL 110 hp @ 2500 rpm Bharat Stage-III (CEV) Turbocharged + Intercooled
			CAT C4.4 Series 95 hp @ 2200 rpm EU NRMM 97/68/EC Stage 3A Turbo Charger	CAT C4.4 Series 113 hp @ 2300 rpm EU NRMM 97/68/EC Stage 3A Turbocharged + Intercooled	CAT C4.4 Series 113 hp @ 2300 rpm EU NRMM 97/68/EC Stage 3A Turbocharged + Intercooled

### 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 2500	ARGO 4000	ARGO 4800
<b>A</b>	2520	2816	2933	3000	3025
<b>B</b>	5160	6070	3800	4025	7115
<b>C</b>	2975	3310	5161	5625	4240
<b>D</b>	260	270	6133	6550	353
<b>E</b>	1670	2150	2316	2352	2530

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

## 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.



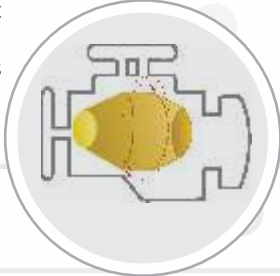
### TELEMATICS

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



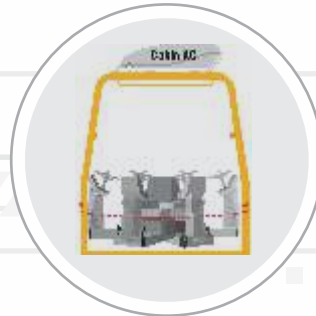
### CENTRALIZED GREASING SYSTEM

#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



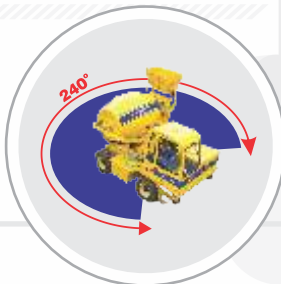
### CABIN ERGONOMICS

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



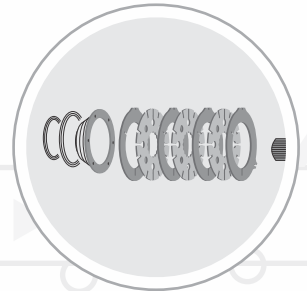
### DRUM SWIVEL MODE

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.



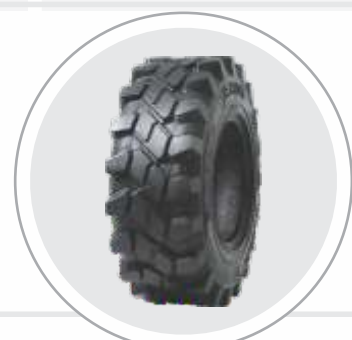
### JOYSTICK & LEVER OPERATIONS

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

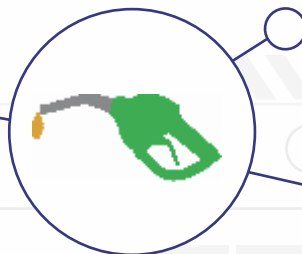
Flat bi-directional tread pattern with high lug-to-void ratio equipped with void guard protection

## 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



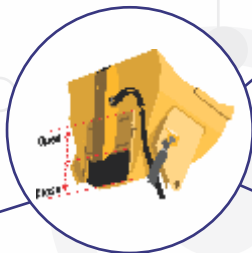
### LESS FUEL CONSUMPTION

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



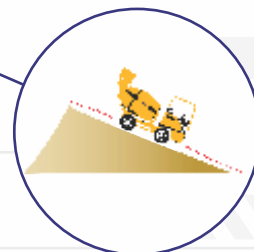
### ZERO SPILLAGE

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



### LOAD CELL WEIGHING SYSTEM

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

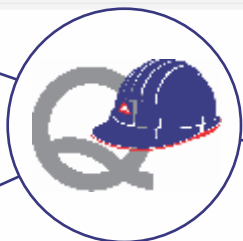


### # GRADEABILITY

Can Traverse with concrete load on inclined terrains with zero spillage

# Subject to conditions

## SAFETY FEATURES, STANDARDS & CERTIFICATIONS



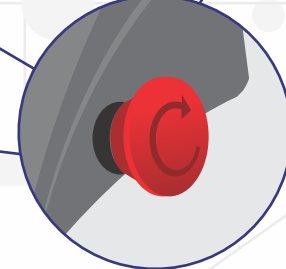
### QUALITY & SAFETY STANDARDS

Robust built quality, Safest machine in any working conditions



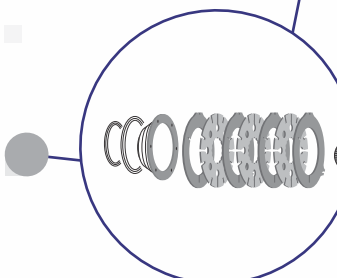
### CERTIFIED HOMOGENOUS CONCRETE

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



### RAI CERTIFICATION

RAI Certification enables machine to drive on roads.

## APPLICATIONS

RAILWAYS



PRECAST



BUILDINGS



BRIDGES



CANAL LINING



CC ROADS



INDUSTRIAL FOUNDATION



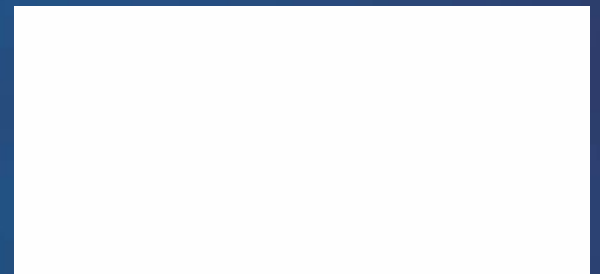
SMART CITY PROJECT



# The Next-Gen 360° Concreting Solutions



AUTHORISED DEALER



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