

ARGO SERIES SLCM

The Next-Gen 360°
Concreting Solutions



*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



- A range of reliable engine options from globally recognized leaders, offering advanced technology, high fuel efficiency, and world-class service support across the globe.

- CAT - C4.4 Series
- KIRLOSKAR - 4R810 Engines
- KUBOTA - V3 Series
- MAHINDRA - MDI Engines

DIGITAL CLUSTER DISPLAY



Easy to Drive. Easy to Operate.

Ergonomically designed steering and controls provide effortless handling, enhanced driving comfort, and reduced operator fatigue for maximum productivity throughout long working hours.



SMART Instrument Cluster

Advanced digital instrument cluster offering clear visibility of machine parameters, warning alerts, and operational status for improved safety, productivity, and ease of operation.

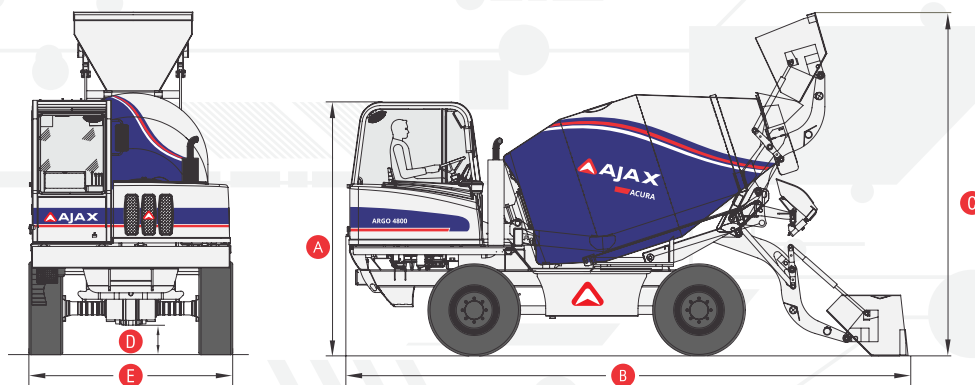
TECHNICAL SPEC

PARAMETER	ARGO 1000	ARGO 2000	ARGO 2300	ARGO 2500	ARGO 4000	ARGO 4800
Weighing Technology	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	2.5 cu.m	4 cu m	4.8 cu m
Max. Drum Rotation Speed	20 rpm	22 rpm	0-18 rpm	22 rpm	22 rpm	22 rpm
Unladen Weight	3210 kg	5531 kg	6160 ± 4% kg	7165 kg	8110 kg	8930 kg
Bucket Capacity	250 L	320 L	400 L	400 L	590 L	625 L
Fuel Tank	40 L	65 L	64 L	90 L	110 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	230 lpm	400 lpm
Gradeability	17°	22°	22°	20°	25.6°	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 - 18PR	12.0 / 75 - 18 - 12 PR	12.5/80-18 - 16PR	12.5 / 80 - 18 - 14 PR	16.0 / 70 - 20 - 14 PR	400/70 - 20 IND 155 A8
Vehicle Speed	0 - 18 kmph	0 - 22 kmph	0 - 22 kmph	0 - 24 kmph	0 - 28 kmph	0 - 29 kmph
Variant	Non-Swivel	Non-Swivel	Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel	Non-Swivel / Swivel
Available Engines	Mahindra 44.6 hp @ 2300 rpm	Kubota 53.9 hp @ 2600 rpm 4 Cylinder Inline Watercooled	Kubota 72.3 hp @ 2600 rpm 4 Cylinder Inline Watercooled	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
		Kirloskar 60 hp @ 2400 rpm 4R810T diesel engine 4 cylinder turbocharged BSIII emission compliant	Kirloskar 60 hp @ 2400 rpm 4R810T diesel engine 4 cylinder turbocharged BSIII emission compliant	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	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

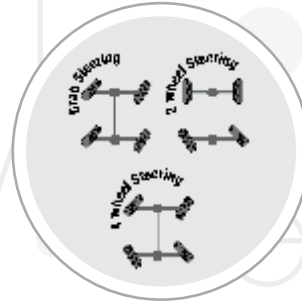
DIMENSIONS



Dimension in mm	ARGO 1000	ARGO 2000	ARGO 2300	ARGO 2500	ARGO 4000	ARGO 4800
A	2520	2821	2858	2933	3012	3041
B	5202	6065	5855	6205	6632	7112
C	2995	3307	3679	3800	4106	4239
D	260	305	308	315	365	353
E	1670	2161	2161	2335	2387	2469

* 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*

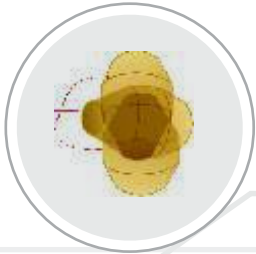
Load cell weighing system defines a paradigm Shift in concreting, with the best-in-class weighing accuracy for cement, fine & coarse aggregates

**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.



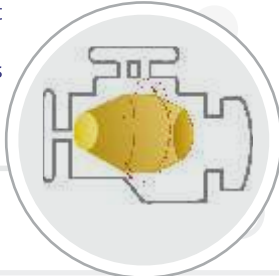
TELEMATICS

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



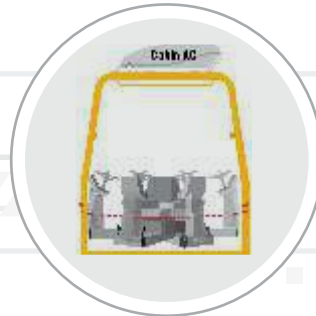
CENTRALIZED GREASING SYSTEM

#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



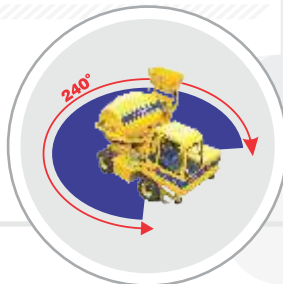
CABIN ERGONOMICS

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



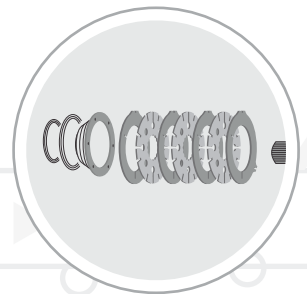
DRUM SWIVEL MODE

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.



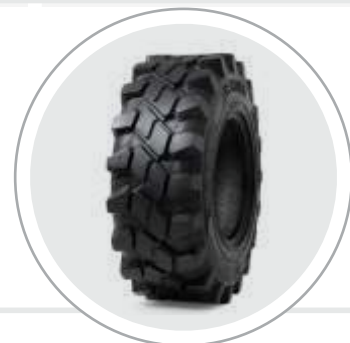
JOYSTICK & LEVER OPERATIONS

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

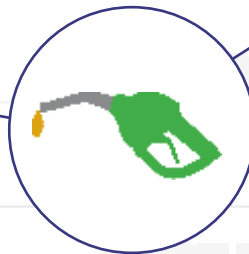
Flat bi-directional tread pattern with high lug-to-void ratio equipped with void guard protection

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



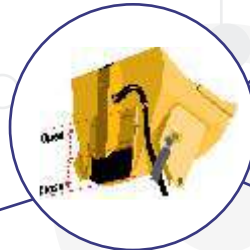
LESS FUEL CONSUMPTION

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



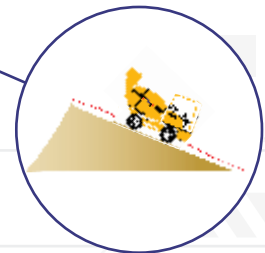
ZERO SPILLAGE

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

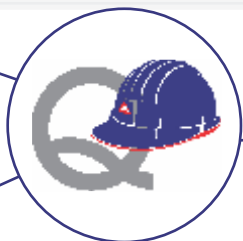


GRADEABILITY

Can Traverse with concrete load on inclined terrains with zero spillage

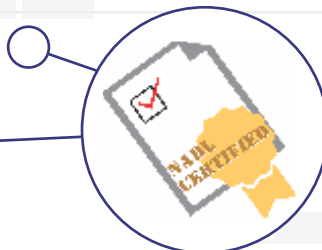
Subject to conditions

SAFETY FEATURES, STANDARDS & CERTIFICATIONS



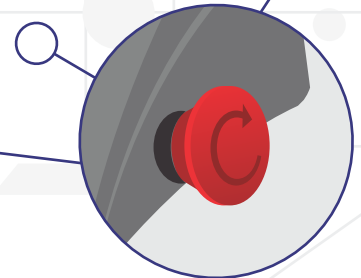
QUALITY & SAFETY STANDARDS

Robust built quality, Safest machine in any working conditions



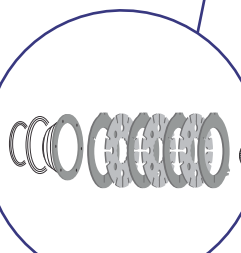
CERTIFIED HOMOGENOUS CONCRETE

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



ARAI CERTIFICATION

ARAI Certification enables machine to drive on roads.

APPLICATIONS

RAILWAYS



PRECAST



BUILDINGS



BRIDGES



INDUSTRIAL FOUNDATION



CANAL LINING



CC ROADS



SMART CITY PROJECT



Global Footprint.



AUTHORISED DEALER



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



Follow us on       www.ajax-engg.com  IB@ajax-engg.com

Reg. Off.: **Ajax Engineering Limited** (Formerly known as Ajax Engineering Pvt. Ltd.), #253/1, 11th Main, 3rd Phase, Peenya Industrial Area, Bengaluru - 560 058.
CIN No: U28920KA1992PTC013306 | T: +91 80 6720 0082, 6720 0083