

RADIUS LIFT ARM BATCHING PLANT

RLA 20



« **Typical Concrete Output - 20 cu.m/hr**

« **State - of - the - Art Swinging Radius Lift Arm Technology**

« **Certified by Department of Legal Metrology**

« **Large Live Aggregate Stockpile**

« **Very Low Operating Cost**

« **One Man Operation**

LOW POWER REQUIREMENT

Connected Load: 12 Kw
Energy Consumption:
0.6 Kwhr/cu.m

LOW MAINTENANCE COST

No additional equipment required to load the aggregates, as 240 cu.m of aggregates can be stored in the swept area of the Radius Lift Arm.

EASY ERECTION AND COMMISSIONING

Within a day, the entire plant can be erected or dismantled.

EASILY TRANSPORTABLE

The entire plant can be transported in 2 trucks.



RADIUS LIFT ARM: Hydraulic rotary actuator of the radius lift arm exerts a constant pressure against the pile of aggregates and sand, irrespective of pile size or configuration, with no wastage. The radius lift arm sweeps almost 180 degree to load aggregates & sand.



DRUM MIXER: Reversible type drum with specially designed blades for fast and homogenous mixing, to get different grades of high quality concrete as per IS standards. Special wear resistant inner linings provide longer life of the drum.



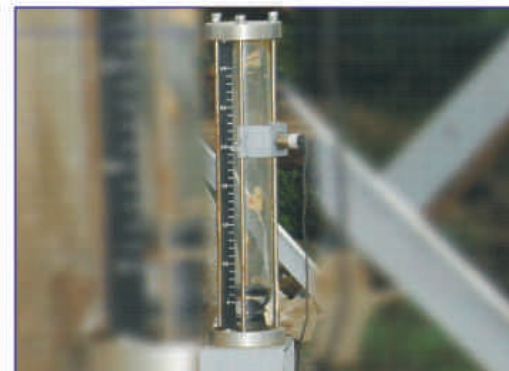
WEIGHING SYSTEM: Cement and aggregate weighing is carried out by means of 4 load cells, directly connected to the weighing hopper. Cement can be fed from silos or bag breaking hopper.

SALIENT FEATURES

WATER SYSTEM : Automatic water unit with 150 Ltrs water tank and Electronic water metering for accurate water batching.

CONTROL UNIT: Microprocessor based control panel offers numerous possibilities for programming multiple recipes, moisture compensation, automatic and manual batching, charging and mixing cycles. On board printer is available for printing records of batches.

Admixture dosing unit : Capacity adjustable from 0 - 4.5 litres per batch, can be integrated into the automatic batching cycle.



MINIMAL FOUNDATION

The plant requires a minimal foundation of 8 cu.m of concrete.

MODULAR DESIGN

The assembly, disassembly and the transport operations are considerably simplified, thanks to the Monobloc structure of the plant.

SMALL SPACE

The plant fits in a small space envelop when fully set up, typically 20 meters x 20 meters



SERVICE PHILOSOPHY

- Service is an attitude.
- Through service create loyalty for our products.
- Create an environment and systems that make transactions easy and customer oriented.



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Specifications are subject to change without prior notice



AJAX FIORI ENGINEERING (INDIA) PRIVATE LIMITED

Joint Venture - FIORI S.p.A. Italy

148 / 25, Industrial Suburb, Yeshwanthpur, Bangalore - 560 022

Tel : 080 3921 1000, Fax : 080 2347 1757

Email : info@ajax-fiori.com, Website: www.ajax-fiori.com

For Sales Queries :

Northern Region : 096500 36628 ↑ Eastern Region : 097312 46628

Southern Region : 098450 58628 ↓ Western Region : 099672 63628

Factory: 16 & 17, KIADB Industrial Area, Bashettihalli, Doddaballapur - 561 203 Tel : 080 3921 6001, Fax : 080 3921 6004