



A member of the Schwing Group

Schwing Stetter India - Batching Plants

The increased demand for ready mix concrete and the growing need for a range of batching plants to choose from can both be met by Schwing Stetter India Pvt. Ltd., one of the pioneers in the field of manufacturing ready mix concreting equipment in India.

This German company is the leader in the manufacturing of products related to production, placing and transit of concrete for the construction industry, which include Batching Plants, Concrete Pumps, and Transit Mixers. With four manufacturing facilities in Chennai, the company has the biggest manufacturing facility for batching plants in South Asia.

Batching plants are machines which mix the different ingredients of concrete homogenously to produce a perfect mix of concrete. Schwing Stetter India manufactures a wide range of batching plants that can be broadly classified with respect to their design, batch size, material storage (Aggregate Storage), and mixer technology.

Schwing Stetter India analyses each customer's requirement and guides the customer to opt for that batching plant which would suffice his needs of concreting, from the wide range available.

There are four different types of batching plants that are manufactured by Schwing Stetter India, which include

- Wheel-Trailer /Truck Mounted
- Compact Plants
- Mobile Plants
- Horizontal Plants

Wheel-Trailer /Truck Mounted

The On-Wheels concept has been introduced by Schwing Stetter India, keeping in mind the

easy transportability of the batching plant between sites. This design is available in the 18 m³ segment, which is also known as the 'CP18 on Wheels' which can be a trailer or a truck-mounted batching plant.

Compact Plants

The compact plants are design houses which includes the Model CP30 (30 m³ productivity rate) and CP45 (45 m³ productivity rate). These plants are available in star, compartment and in-line Silo configurations.

Mobile Plants

The Mobile Plants are known for their easy assembly and erection at the site like the M1, M1.25, M2.25, M2.5, M21Z and M30Z. Wherever construction sites have to be supplied for any length of time with larger quantities of high-quality concrete, mobile mixing plants from Schwing Stetter India are ideal. It does not matter whether they are used for the construction of traffic routes, dams, landfills or airports, the M series plants have been designed to handle the task. They can be quickly moved, transported on low-bed semitrailers and quickly set up again, thanks to the fully installed, pre-assembled compact units. The current development status of the mobile plant benefits from our vast experience worldwide.

Horizontal Plants

Stetter horizontal concrete mixing plants H1J, H1.25N, H2N, H3N, H4N, H5 and H6 incorporate the experience of over 73 years in mixing plant technology. Depending on the requirements, the HN-type series is equipped with a pan mixer or a twin-shaft mixer. While designing the plant, high importance was attached to the access, thereby facilitating maintenance. In

addition, the generously dimensioned space allows this plant to be offered in a wide variety which can be taken from a modular system. H 5 & H6 plants are for mass requirements and can be suited to individual's demands by adapting the design accordingly.

Production

Plants made by Schwing Stetter India have an output varying between 18-240 m³ per hour.

Aggregate Storage

Schwing Stetter batching plants store aggregates in three different ways

- Compartment
- In-line Silo
- Star /Partition walls

With respect to the availability of space on the site the customer can choose the storage option. Schwing Stetter India offers compartment type storage in all the compact and mobile plants and the star type storage is available in the 30 m³ segment. The in line silo/bin storage is available in selected models of compact plants and in all models of horizontal plants.

Mixer Technology

The objective of any concrete production is a homogenous mix of concrete, in the absence of which a series of problems will be faced by the end users of concrete. There are two mixer technologies which help achieve this homogeneity, which are

- Pan mixer
- Twin – Shaft Mixer

The turbo pan mixer used by Schwing Stetter India is famous for the mixing quality thanks to its gearbox driven arms while the Twin-shaft mixer is preferred wherever vast quantities of concrete are to be produced.

It is also important to



understand that all these plants are operated using control systems which range from Semi-Automatic (MCI35) to Fully Automatic (MCI550). The state of the art technology of the batching plants and their reliable quality has helped Schwing Stetter India earn its place as the Leader in the Ready Mix Concrete equipment Industry.

Applications

From residential, roads, dams, bridges, canals to nuclear projects Schwing Stetter India equipments have widespread applications and are called the first and the best choice of the RMC industry. These equipments have played a vital role in the fabrication of precast barriers for Metro Rail and Airport Projects across the country. Schwing Stetter India batching plants also produce temperature controlled concrete for nuclear power plant applications.

Achievements

Schwing Stetter India has proved its mettle amongst all odds by making and holding records in the industry. The

company holds the All India Record for Maximum Pavement Quality Production in one day of 5050 m³ of concrete at Dankaur where the Yamuna Express way is under construction. Schwing Stetter India also clinched the record in Dam Concrete production with 6020 m³ of concrete at Subansri. Schwing Stetter India created a benchmark recently at the Statue of Unity, when a mass pour of 4354 m³ concrete pour got completed, once constructed will be the world's tallest statue ever built in the history.

With service and spares support across the country and a customer centric manufacturing facility, Schwing Stetter India's Mission and vision is Customer Satisfaction. A customized solution provider and a brand known for high quality and prompt after sales support, Schwing Stetter India has been rated as the best take in the market for providing solutions, pertaining to the Concreting Industry.