

Condequip Focussing on prompt service

For past 31 years Shakti Industrials has been manufacturing concrete, batching and mixing machinery which are used in major infrastructure projects especially roads, hydro electric, irrigation and bridges. Shakti Industrials' range of specialisation include concrete batching plants upto 40 m³/h, transit mixers upto 6 m³ capacity, wet mix plants upto 250 t/h, bitumen sprayers, mixers and winches, etc.

Shakti Industrials manufactures its products at its Mumbai and Goa units. Its manufacturing plants are equipped with the latest state-of-the-art machines. Shakti Industrials has set up service depots in Mumbai, Hyderabad, Goa and always have on call a team of about 12 service personnel to attend to any customer requirements.

Batching plants

Quality concrete production demands superior quality batching plants which are capable of mixing ingredients as per design recipe. Their usage has improved quality of concrete and are in much demand for large projects where massive quantity of quality concrete is required.

Mixing units provided with the batching plants usually have the following type of mixers:

- pan type of mixer (agitator mixer)
- reversible drum mixer (gravity mixer)
- twin shaft mixer.

Based on the client's concrete recipe and conceived production rate for concrete, it is necessary to select the type of mixer to be incorporated to get the right combination for batching plant. Normally pan-type and reverse drum mixers are offered for output less than 60 m³/h batching plants; else twin shafts mixers are provided.

Pan type mixer

When emphasis is on mixing quality, speed and specially mixing materials like silicates, silts, clays, etc for special precasting jobs, block making plant, etc, pan type mixer is preferred. When the recipe of concrete de-

mands medium sized aggregate upto 40 mm and pumpable type of concrete is needed, pan type of mixer is usually used. Shakti Industrials provides pan type of mixers which can give upto 1.00 m³ output per batch. Special care is taken by providing wear resisting liners ensuring that life of the mixing arms are guaranteed against maximum wear and tear.

Twin shaft mixer is the appropriate equipment to mix any kind of concrete, heavy and normal weight concrete ready mix, prefabrication, industrial and civil building, etc or light weight concrete (expanded clay concrete, etc) and it can be coupled with radial scraper ranging for 10-15 mt manual or automatic mode of operation couple to mixers 1 to 3 m³ per batch output.

right option and practically designing a machine ideally suitable for most of the small time railways contractors, builders, sub-contractors for roads, flyovers, culverts, pipelines, etc.

The main feature of this plant is its mobility, easy loading, methods, easy loading, easy discharge features, quality control with fully automatic/semiautomatic control, etc. The integral computer can accommodate 5-25 different mix recipes and accuracy of batching is within ±1 percent. Its speciality is that practically 30 seconds is the time needed to change from one recipe to another. In this plant, the contractor has to only provide generator/mains supply and piped water. The discharge can be made directly by a conveyor into transit mixer or into concrete bucket.



30 M supermobile concrete batching plant

15 M/30 M supermobile concrete batching plants

It has taken several years of rigorous design analysis and market study to practically venture into manufacturing of 12 to 30 m³/h mobile type of concrete batching plants. The R&D teams has done a commendable job of observing the site difficulties, analysing the solution and sorting the

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