

BRIEF DESCRIPTION OF CONSTRUCTION PLANT & EQUIPMENT AND THE ABRIDGED NAMES OF THE MANUFACTURERS

Aggregate Production Plant (IS: 3612): See 25.12

[BHP; Crown; Ecoman; Indiana; LMP Precision; Laxmi Engg; L & T; McNally; Metso; Puzzolana; Sandvik; Voltas]

Aggregate Screening Plant: See 25.12.12

Screens, Revolving: See 25.12.12.2

Screens, Vibrating: See 25.12.12.1

[Crown, Ecoman, Indiana, Laxmi Engg, L & T; Metso; McNally; Metso; Minning & Allied; Puzzolana; Sandvik; Voltas]

Aggregate Washing Plant: See Sand Washing Machine.

Agitator Car: These cars on rail tracks are concrete transit mixers, carrying concrete inside the tunnel; has battery operated system for rotation of drum.

Agitator Equipment (IS: 9522 – 1980, IS: 9602, IS: 9289): See 25.27.3.4. Widely used in chemical and processing industries for blending. It is used for mixing and agitating 2-compound polymers and epoxies, grouts, etc. in rehabilitation works. [Killick]

Air Compressors: See compressors (See 25.23).

Apron Feeder (IS: 7423, IS: 8599, IS: 7155 Pt. 5): See 25.12.10.1

[Anant; Bhagwati; Ecoman; Indiana, McNally, Sur; Tractor].

Articulated Tractor/Trailer: See 25.11.4 for Tractor. See 25.11.7 for Trailer.

Asphalt Mixer, Hand-operated Drum (IS: 2434 – 1973): Not very common these days.

Asphalt Milling and Paving Machine, Combined: The Milling machine cuts/ removes the old and damaged asphalt pavement so that the material can be recycled. In addition, hot mix and paving material is also added. It is generally crawler wheel mounted. Not very common in India.

Asphalt, Hot-Mix Batching Plant (IS: 3066 – 1965): See 25.30.4.

[Linhoff; Lintec, Gujarat Apollo-Nigata; Polytech]

Asphalt Drum-Mix (Hot-Mix) Plant, (IS: 5890 – 1970): See 25.30.5

[Ashirvad; BEL; Conmac; Const.m/c; Guj. Apollo; Himakshi; Hind. Indus; Pal; Polytech; Primax; Sahayak; Speedcrafts; SR; Stafford; TPS; Uitor; V.P.G]

Asphalt Paver/ Finisher with Sensors (IS: 3251 – 1965, IS: 3251, Pt.2 – 1992): See 25.30.9.

[Apollo; Ashirvad; Bitelli; BEL, Dynapac; Gujarat Apollo; ABG-Ingersoll-Rand (Titan); Jaypee; Speedcrafts; Uitor; Writgen]

Backhoe Excavator (IS: 12192, IS: 12669): See 25.7.3.

[BEML; Caterpillar; L & T-Hitachi; Telco; Volvo]

Backhoe-Loader: See 25.7.5.

[BEML; Caterpillar (HM); JCB; L & T; Telcon; Terex]

Ball Mill (IS: 4642): See 25.12.9.

[Hindustan; McNally]

Batching & Mixing Plant, Combined (IS: 4925, IS: 4634): See concrete batching & mixing plant (25.14).

Belt Conveyor: See Conveyor systems (25.11.8).