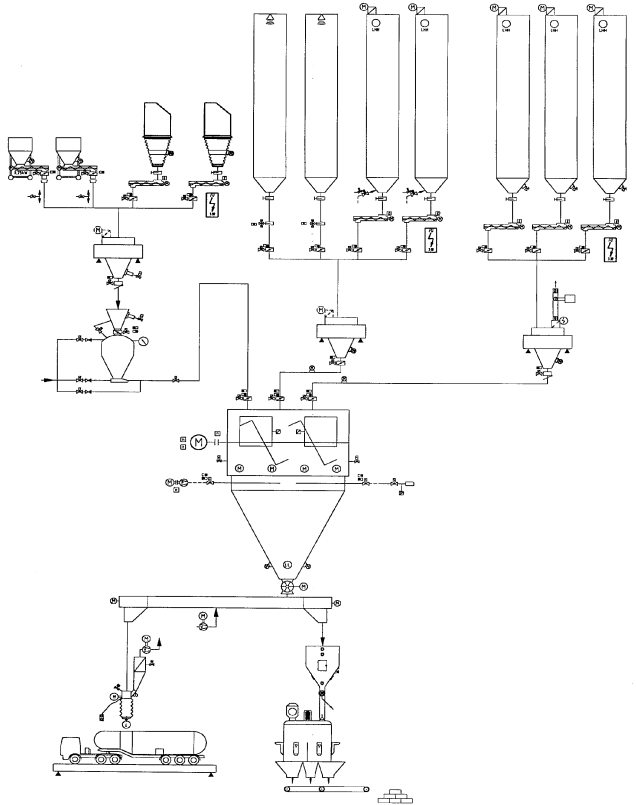




DBE Batch Mixer for Building Materials

- High quality products within minimum mixing times
- Shorter discharge times due to one-door discharging system
- Residual material < 0.1% due to 90° opening angle
- Long service life span due to special mixing elements
- Low maintenance seal system due to the single door

DBE Batch Mixer for Building Materials



Flowchart of a dry mortar processing unit

Range of Application

- Dry mortar
- Cement
- Tile adhesive
- Filling agents
- Refractory materials
- Gypsum based products
- Insulating materials
- Indoor and outdoor rendering
- Building chemicals
- Lime hydrate
- Fillers

Sizes

Model	Throughput in t/h	Motor Power in kW	Dimensions L x B x H in mm
DBE 300	3 - 9	7,5	2340 x 1200 x 1250
DBE 600	9 - 18	11	2850 x 1600 x 1450
DBE 1200	18 - 36	22	2380 x 1680 x 1800
DBE 1600	23 - 46	30	4100 x 1980 x 2030
DBE 2000	29 - 58	37	4400 x 1980 x 2030
DBE 3000	44 - 87	55	5300 x 2210 x 2290
DBE 4200	60 - 122	75	5660 x 2500 x 2600
DBE 6000	85 - 175	110	6130 x 2620 x 2900
DBE 8000	120 - 235	160	6370 x 2700 x 2900

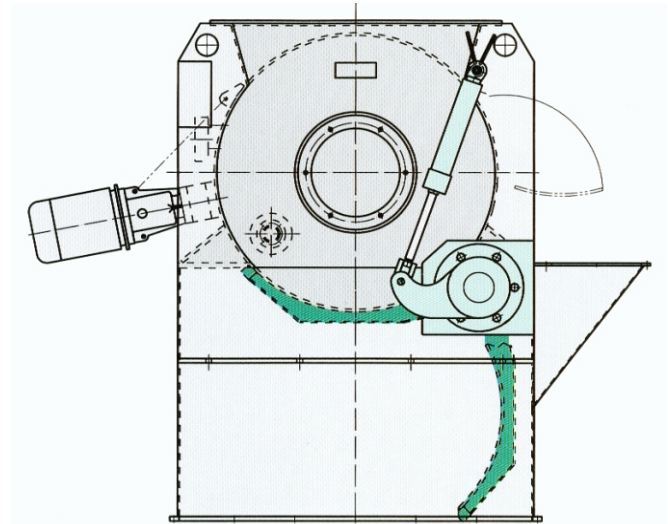


Diagram of the one-door discharging system

Mode of operation

The specific Lödige process with mechanically generated fluid bed provides homogeneous mixing of fine-powder and coarse particle components. DBE Batch Mixers meet the requirement for large throughput quantities and high quality mixed products in production-orientated batch operation. The construction of this type of mixer with an outlet opening along the entire length of the drum ensures almost residue-free discharge of the product in the shortest possible time. A large branch plate fitted over the entire length of the drum on the feeding opening allows for variable positioning of individual component inlets and, if necessary, subsequent expansion.

Optional Equipment

The discharging systems connected downstream to the mixer prevent segregation of the mix during transport to a packing machine or a silo/truck, and are comprised of a combination of:

- Discharge silo
- Variable speed rotary valve
- Reversible belt conveyor

Choppers are available as optional equipment to assist intermixing of small quantities of chemicals, e.g. cellulose or insulating additives (e.g. EPS).

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