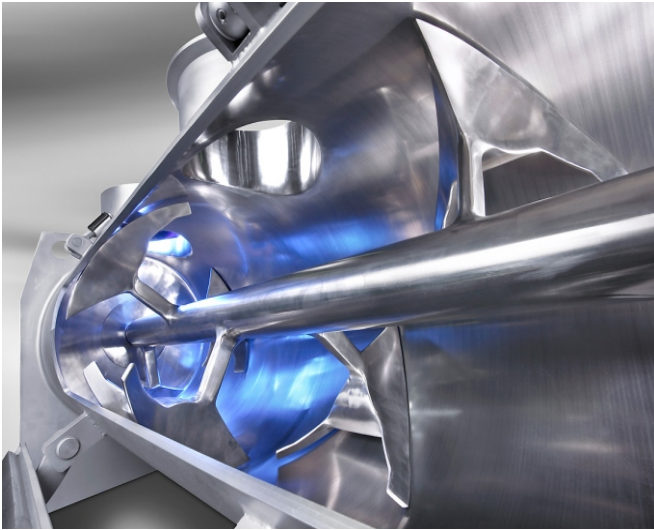


Continuous Ploughshare® - Mixer KM

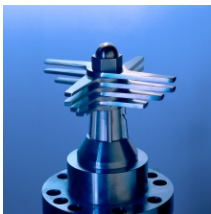
- Maximum homogeneity of the end product
- Residence/mixing times between 25 and 60 seconds
- Granulation process within 3 - 6 minutes
- Gentle treatment of products
- Consistent reproducibility
- Maximum availability
- Low maintenance mixer concept

Continuous Ploughshare® - Mixer KM



View inside mixing drum

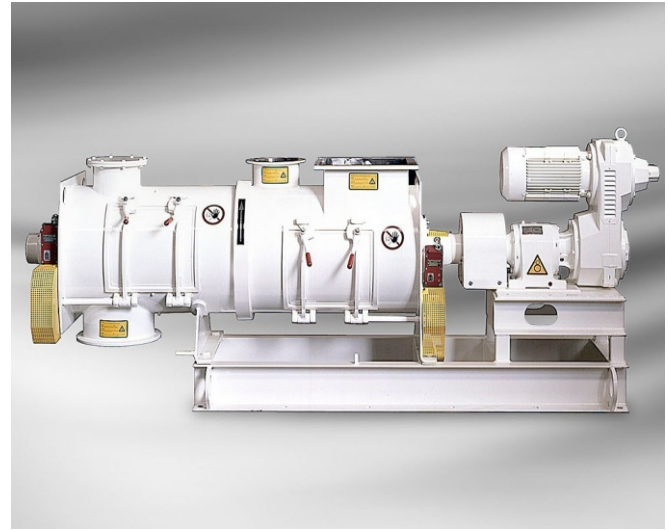
Continuous Ploughshare® Mixers operate in accordance with the Lödige principle of the mechanically generated fluid bed introduced to mixing technology by Lödige. Equipped with mixing elements which can be adapted to individual requirements, this machine produces mixes of the highest quality.



Multiple Chopper

Sizes

Sizes	Drum Volume in Liter	Flow Rate at 1 min. residence time in m³/h	Dimensions l x w in mm
KM 150 D	150	4,5	2000 x 1000
KM 300 D	300	9	3000 x 1000
KM 600 D	600	18	4000 x 1500
KM 1200 D	1200	36	4000 x 1500
KM 2000 D	2000	60	5000 x 1500
KM 3000 D	3000	90	6000 x 1500
KM 4200 D	4200	126	7000 x 2000
KM 6000 D	6000	180	8000 x 2500
KM 8000 D	8000	240	8000 x 2500
KM 10000 D	10000	300	9000 x 3000
KM 13500 D	13500	405	10000 x 3000
KM 15000 D	15000	450	11000 x 3000
KM 20000 D	20000	600	12000 x 3000
KM 30000 D	30000	900	14000 x 3500



KM DW 600

Mode of Operation

The peripheral speed and geometric shape of Ploughshare® shovels, rotating close to the wall of a horizontal, cylindrical drum, lift the mixing components from the product bed into the open mixing area and scoop material from the wall of the drum counteracting the centrifugal force. A fluid bed generated mechanically in this way, whereby all the product is constantly involved in the mixing process, ensures maximum mixing intensity at even the highest feed rates and shortest residence times. The specially shaped mixing elements ensure best product conveyance. Choppers can be installed in the mixing drum as optional equipment to disperse agglomerates and provide controlled granulation during the mixing process.

Range of Application

- Dry bulk materials (powdery, granular, fibrous)
- Dry bulk materials and liquids (Moistening + granulating)
- Liquids and pastes with low viscosities

Optional Equipment

- Highly wear resistant surfaces
- Heavy duty building steels, stainless steels and special materials
- Chopper units
- Heated/cooled drum, endplates and shaft
- Equipment for liquid supply

**Gebrüder Lödige
Maschinenbau GmbH**

Elsener Straße 7 – 9
33102 Paderborn

Telefon: +49 5251 309-0
Telefax: +49 5251 309-123

E-Mail: info@loedige.de
www.loedige.de