

Twin shaft paddle mixer

Type: PDK



Application

The twin shaft paddle mixer is extremely suitable for fast and homogeneous mixing of:

- dry solid powders;
- solids with liquid additions;
- dry solid powders with minor ingredients.
- pellets and crumbs with fluids like oil or fat for coating purposes. In this case the rotating speed of the mixer will be adjusted.

Operation

The paddle mixer can completed mixes in a very short time, in average in about 50 sec. The paddle mixer will operate fully automatic when a charging hopper is connected to the top and a receiving hopper to the bottom of the mixer.

Construction

- Strong, attractively-styled housing with large inspection doors.
- The rotor shaft is supported by self-aligning ball bearings.
- Double shaft with fitted or welded paddles.
- Pneumatically-operated bomb doors.

Benefits

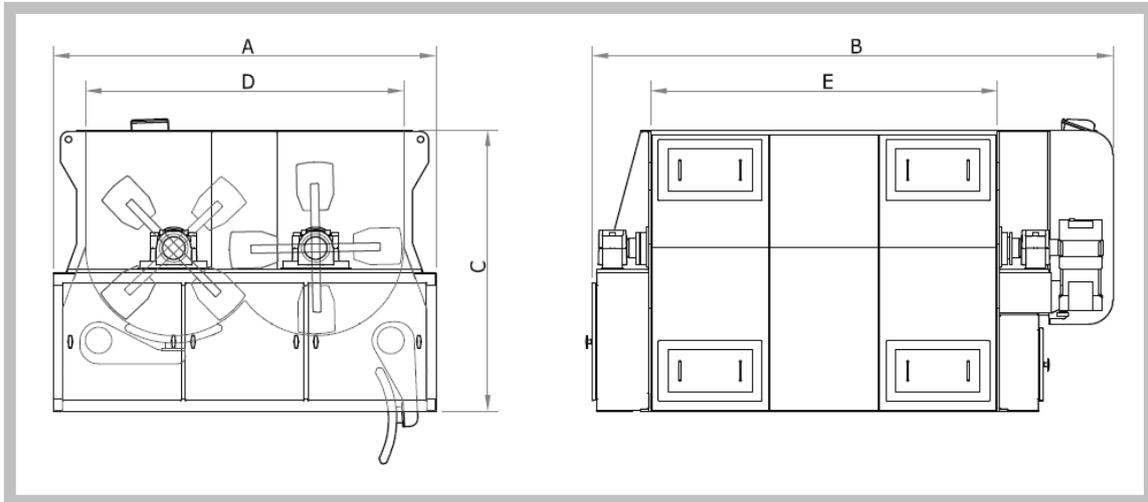
- Batches up to 10.000 ltr.
- Very short mixing periods.
- Suitable for almost all ingredients.
- A high degree of homogeneity without product degradation.
- Spreading of liquids by a mechanical fluid bed.

Optional extras

- Stainless steel 304 or 316, or a combination of these.
- Injection nozzles for coating.
- Limit switches on the inspection doors.
- Heating or cooling plus insulation.
- Variable speed.
- In combination with pneumatic conveying the mixer can be used as a receiver.

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Type	Capacity	Weight	Drive power	Dimensions				
	Liter			kg	kW	A	B	C
PDK2.5	250	930	3	1315	1525	1150	1000	930
PDK05	500	1250	5,5	1420	1800	1150	1320	1200
PDK10	1000	2900	11	1720	2120	1500	1620	1500
PDK15	1500	3750	18,5	1880	2800	1600	1780	1900
PDK20	2000	4250	22	2040	3100	1650	1940	2150
PDK30	3000	6000	37	2570	3600	1990	1600	2500
PDK40	4000	7500	45	2920	3800	2160	1750	2700

Dimensions are for indication only. Additional data will be sent on request.