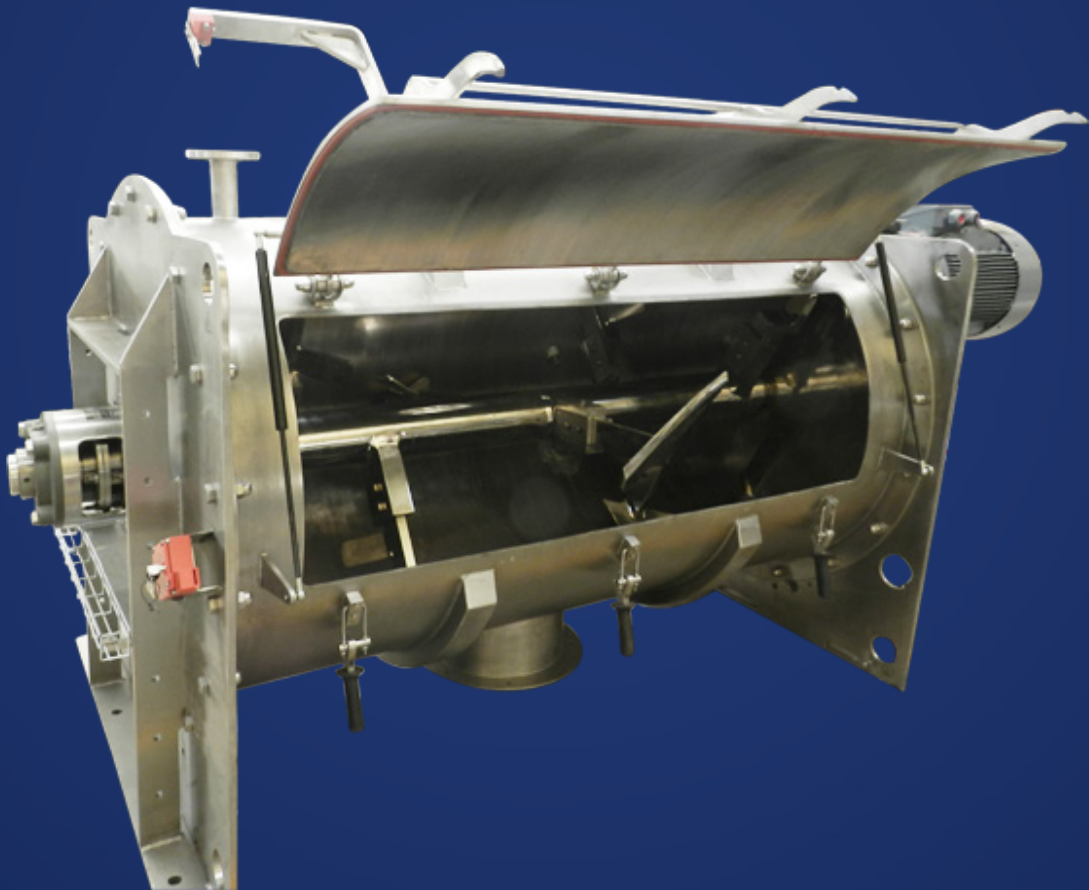


Horizontal Plough &
Paddle Mixer



PRODUCT INFORMATION

The Horizontal Plough & Paddle Mixer is especially suitable for the manufacturing of granular or paste-like materials. This mixer enables precise mixing processes. Fast product circulation brings short process times, especially in large charges.

APPLICATIONS

- Foods
- Animal feeds
- Chemicals
- Construction materials

DESCRIPTION

The mixer performs both, simple and complex mixing processes. The blades rotate in a horizontal, cylindrical drum unit connected to the agitator shaft. As a result a turbulence is obtained, which continuously incorporates all the product particles into the mixing process. With this turbulence formation of dead spots or slow motion areas are prevented.

CERTIFICATIONS

Isimsan manufactures according to the following International directives and regulations:

- CE 2006/42/EC (Machinery Directive)
- CE 2014/29/EU (Pressure Vessel Directive)
- CE 2014/68/EU (Pressure Vessel Directive)
- ATEX product line 2014/34/EU
- EHEDG (Hygiene Guidelines)
- GMP (Good Manufacturing Practices)
- FDA (U.S. Food and Drug Administration)
- EAC (EuroAsia Comformity)

Isimsan is certified in terms of quality management (ISO 9001), environmental standards (ISO 14001), welding technology and supervision (ISO 3834 & 14731) and control technology (2006/42/EC).



CONSTRUCTION DETAILS

The mixer normally contains plough or paddle type blades. Other blending units may also be used. The designs are tailored on the needs of the respective blend materials.

FEATURES

Body volume: 0,5 to 20 m³

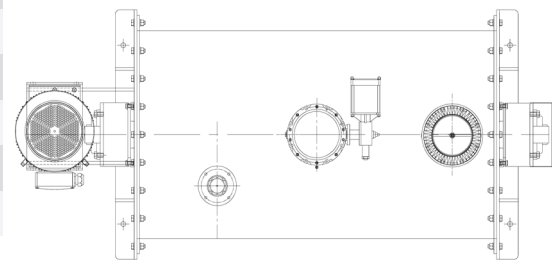
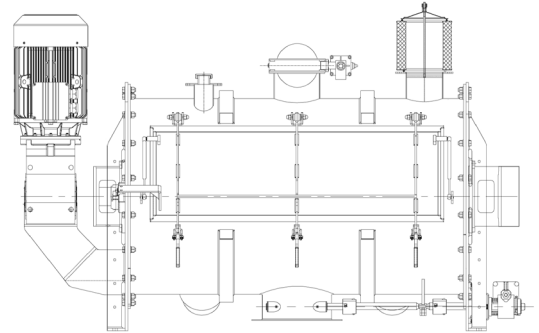
Body shape: Cylindrical

Material: Stainless steel (1.4301, 1.4401), wear resistant steel, duplex steel etc.

Interior Surface: Untreated, polished (Ra~0.2)

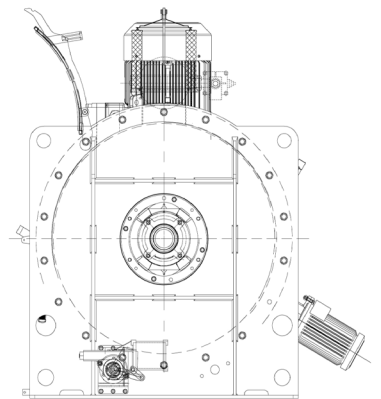
Shaft: Single

Blades: Ploughs, paddles.



OPTIONS

- Sampling valf
- Heating and cooling jacket
- Heating blades (paddles)
- Constructions for vacuum and pressure processes
- High speed choppers
- Liquid dosing system
- Weighing system
- Filling system
- Various automation sensors
- Cleaning equipment
- Support frames and platforms
- Speed controls
- Remote controls



HORIZONTAL PLOUGH & PADDLE MIXER



The table below refers to the standard performance of Horizontal Plough & Paddle Mixers.

Body shape: Cylindrical

Shaft: Single

Safety Lock

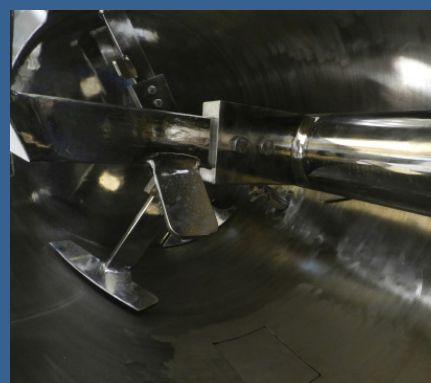
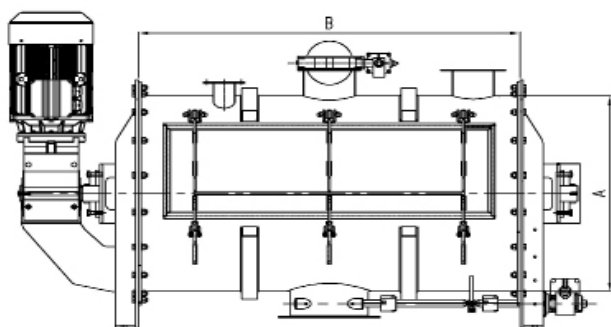
Material: Stainless Steel (1.4301 - AISI 304)

Interior Surface: Polished

Gearbox with engine

Blades: Ploughs or paddles.

Model No	A	B	Working Capacity %30 - %70
	mm	mm	lt
P 650	Ø 770	1.400	195 - 455
P 1.250	Ø 960	1.760	380 - 890
P 2.000	Ø 1120	1.990	590 - 1.370
P 3.000	Ø 1120	2.990	880 - 2.060
P 4.000	Ø 1320	3.000	1.200 - 2.800
P 4.800	Ø 1320	3.490	1.430 - 3.340



Isimsan designs according to customer specifications. This include choice of material, brand of drive and many other equipment.

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