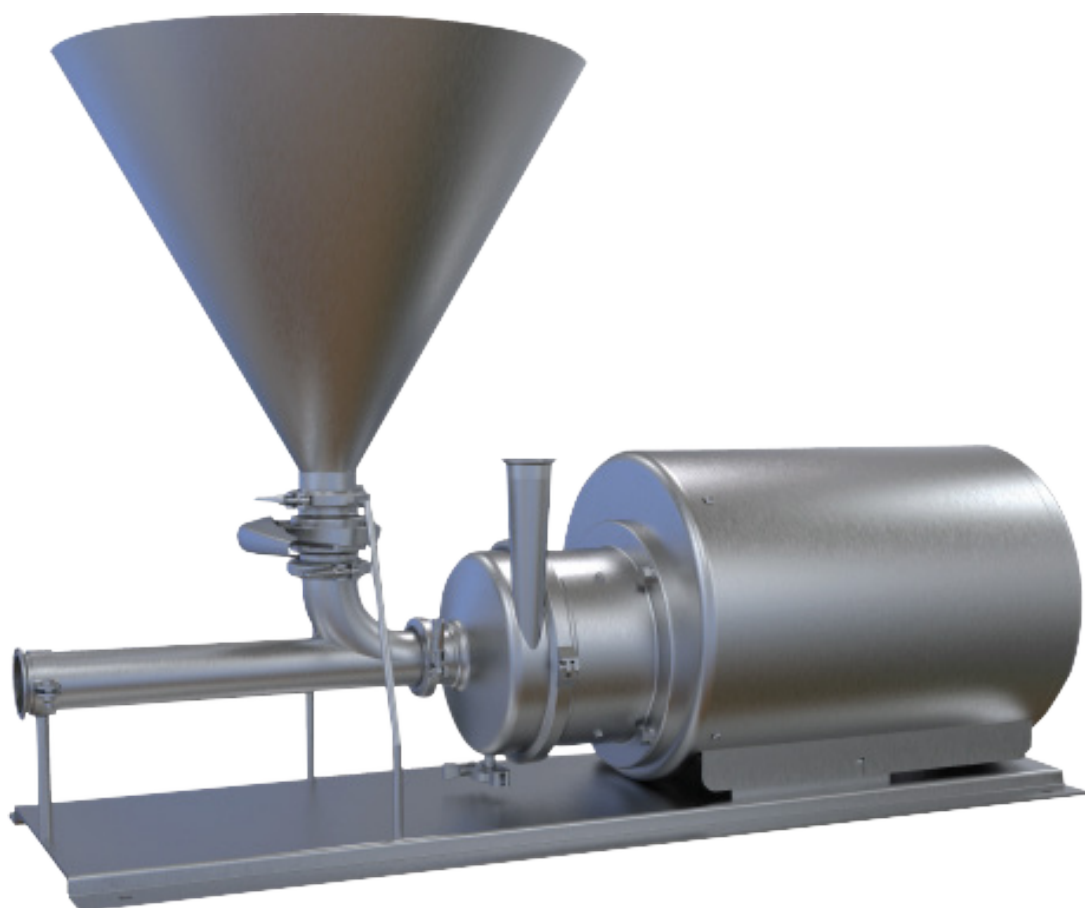


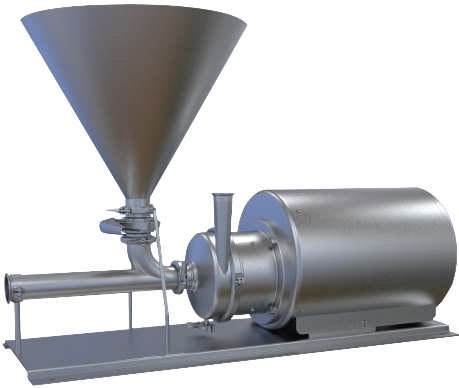
**PRODUCT  
CATALOG**

**TMXFLOW**

***SB - 100***  
***HORIZONTAL BLENDER***



# SB - 100 Horizontal Blender



## Application

SB100 blender is used to dissolve solid / powder products in to a liquid, recirculated in a tank. The blender is limited to the suction of small amount of solids as it has no table for bags and the hopper is smaller than that of the table blender.

## Working Principle

SB100 blender is a compact unit, it consists of a centrifugal pump with a venturi system on the suction side and a hopper with a butterfly valve above the venturi to add solid / powder products to the pumped liquid. The venturi system and the suction of the pump create a negative pressure at the base of the hopper. To achieve the best possible dissolution, it is recommended to recirculate the product.

## Options

- Gaskets FPM or PTFE
- Connections DIN, SM
- Vibrator for hopper.
- Pneumatically actuated valve + low level sensor for solids.
- Solids upper level sensor

## Design and Features

- Easy assembly and cleaning
- Hygienic design.
- Single Mechanical seal
- ISO 2852 Clamp connections for easy assembly /disassembly.
- Cleaning and disinfection without disassembly

## Materials

Parts in contact with the product .....	AISI 316L
Other metal parts .....	AISI 304
Gaskets .....	EPDM
Mechanical seal .....	SiC/C/EPDM
Internal Bright Polish Ra .....	0,8 µm
External Mat .....	

# SB - 100 Horizontal Blender

**TMXFLOW**  
let it flow

## DIMENSIONS

TYPE	Ø DN1	Ø DN2	A	B	C	D	E	F	G	H	I	J
SB-100-0120	2"	1 1/2"	74	131	240	313	490	1045	933	900	37	505
SB-100-0126	3"	2"	72	145	322	325	490	1185	1060	1200	40	605

## CAPACITY

Liquid (m <sup>3</sup> /h)	Powder (kg/h)	Power (kw)	Speed (rpm)	Weight (kg)
20	1300	3	3000	88
40	2000	5,5	3000	103

