

# FLOUR SIFTER FS 1000

Flour sifter with four outlets for sifting of flour into different grades. For decentralized flour production, stainless steel construction and changeable sifting screens.

## ROTARY SIFTER

Flour sifter type FS 1000 was developed to perform the final process of the decentralized flour plant. The flour sifter has three built-in sifting chambers, each with an outlet (No. 1, 2 and 3).

Furthermore, there is a remaining external outlet (No. 4) The sifting chambers No. 1, 2 and 3 are used for sifting of flour and can be equipped with different screen sizes. The 4<sup>th</sup> outlet is for discharge of bran directly into a sack.



*Flour Sifter FS 1000*



*Rotor in sifting chamber*

## OPERATION OF THE FLOUR SIFTER

Flour sifter type FS 1000, made from stainless steel, is of the rotary type with five wings and four catchers bringing the flour into rotation in the chambers.

Furthermore, the catchers are mounted obliquely in horizontal direction in order to push the flour particles to the sifting chambers where these are sifted according to sizes.

FS 1000 works according to the air circulation principle and is adjusted to sift the flour into various degrees of fineness. Thus combining FS 1000 with decentralized flour plants, endless possibilities arises.

## SCREENS

A standard flour sifter type FS 1000 is delivered with the following screen sizes:

- 1st outlet 160  $\mu$  (GOST 49, 52)
- 2nd outlet 210  $\mu$  (GOST 35, 38)
- 3rd outlet 500  $\mu$  (GOST 16)

Furthermore, one set of screen frames for 1st outlet (long frame) and one set of screen frames for 2nd and 3rd outlets (short frames) are included in the delivery. One set of screen texture is also included in the delivery as per standard.



*Frame with sifting texture*

TECHNICAL DATA	
Model	Flour Sifter FS 1000
Motor Power kW	2.2
Capacity, kg/h	800
1 <sup>st</sup> outlet, standard screen, $\mu$	180
2 <sup>nd</sup> outlet, standard screen, $\mu$	200
3 <sup>rd</sup> outlet, standard screen, $\mu$	500
4 <sup>th</sup> outlet	Open
DIMENSIONS	
Length, mm	2408
Height, mm	2278
Weight, kg	327