

## SAMURAI BELLOWS

SAMURAI Bellows are an advancement of the ELASTIC Bellows product line. Characteristic for this type of bellows are their lamellas.

The lamellas are fixed at the upper edge of the bellows, which also reinforces them. They provide excellent protection against fast, very hot and sharp chips.



SAMURAI Bellow

SAMURAI Bellows are ideal for HSC applications. Solutions for machining centres with speeds greater than 100 m/min and accelerations greater than 2 g have been successful realized.

Type of bellow	heavy swarf impact	X/Y axis	Z axis	less space
ELASTIC		■		■
FASTAF	■	■	■	
FASTAM			■	■
FASTAC	■			
Vector C <sup>2</sup>	■	■		
FASTLAP			■	■

### Design

Similar the ELASTIC range of products, all materials, shapes, processing methods, and measurements for the SAMURAI Bellows can be combined in any variation. Also a PVC frame is built into each fold of this bellow for assured stability.

All dimensions in mm if not marked otherwise. Errors and omissions excepted.

### Lamellas

The position of each lamella can be individually chosen. The lamellas can be fixed to the front of the bellows, each side, or in any combination.

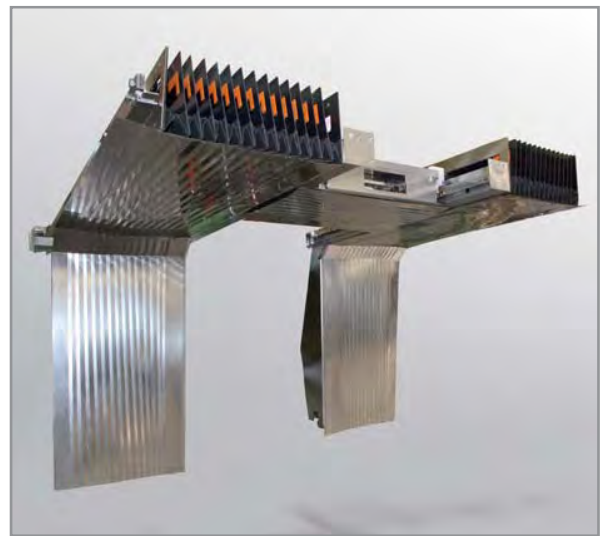
In addition, our in house production of lamellas means we can provide them in nearly all forms, such as inclined or roof types. Stainless steel is used for the material.



Excellent closing and sealing on the top side

Usually the basic lamella type is flat with its end formed into a wiper profile, for excellent contact and sealing on the top side of the SAMURAI Bellow.

There is a high contact pressure across the whole lamella area. With their efficient wiper edge the lamellas prevent debris from entering the interior.



Example SAMURAI Bellows type Vector C<sup>2</sup>; a ready to install solution including interlocking system for loading through the roof. Combination with optional mechatronics system »CoverShutter« possible.

