

2 or 3 direction boxes



STOLZ 2 or 3 directions boxes are part of our range of equipment for gravity handling dedicated to the design of complete systems for flow direction of granular or powdery products in round or square sections.

A wide range of equipment that slows down, recenters, levels, limits the damages to the conveyed product.

Designed for use with healthy product (free of wastes, stones, wood etc. ...) our 2 or 3 directions boxes can be equipped with manual or pneumatic controls and (inductive) detection.

Our equipment is in accordance with the Machinery Directive 2006/42/EC and can be supplied in compliance with the ATEX 94/9/EC Directive for areas 22 or 21.



2 or 3 directions boxes

Features

- High resistance to abrasion of the valve
- Tilting around a horizontal axis
- Assembly mounted on bearings and keyed trunions
- Complete peripheral seal
- Polyethylene Side scrapers
- Remotely activated valve by pneumatic cylinder
- Built-in distributor
- Side inspection door

Operating principle



Tipping of valve

A sheet valve with high resistance to abrasion and high thickness pivots around a horizontal axis. It is assembled on the box with two keyed journals and mounted on bearings.

The valve is remotely activated by a linear pneumatic cylinder with built in distributor under full housing. In the case of a manual control, a rocker arm can change its position. All our boxes are equipped with a side inspection door.

	Type	Diagram	Section (mm)	Pneumatic Control	Manual Control	
B2D	Flat Base		200 ²	VB Ø50-150	Rocker arm type 400	
			250 ²			
			300 ²			
			350 ²			
	Symmetrical 45°		200 ²	VB Ø50-150	Rocker arm type 400	
			250 ²			
			300 ²			
	Symmetrical 40°		350 ²	VB Ø63-150	Rocker arm type 500	
			400 ²			
			450 ²			
	Symmetrical 60°		200 ²	VB Ø50-150	Rocker arm type 400	
			250 ²			
Asymmetrical 45°		300 ²	VB Ø50-150	Rocker arm type 400		
		350 ²				
		400 ²				
		Asymmetrical 40°		450 ²	VB Ø63-150	Rocker arm type 500
				500 ²		
				200 ²		
Asymmetrical 60°		250 ²	VB Ø50-150	Rocker arm type 400		
		300 ²				
		350 ²	VB Ø63-150			
		400 ²				
B2D under CC	Symmetrical 45°		240 x 600	VB Ø50-150	Rocker arm type 400	
			320 x 800			
	Symmetrical 40°		410 x 800	VB Ø63-150	Rocker arm type 500	
			530 x 800			
B3D	Symmetrical 45°		300 ²	VB Ø50-150	Rocker arm type 400	
			350 ²			
	Symmetrical 40°		400 ²	VB Ø63-150	Rocker arm type 500	
			450 ²			
			500 ²			