

PRESIDENT Horizontal Mixer

Type PHB8 – PHB20

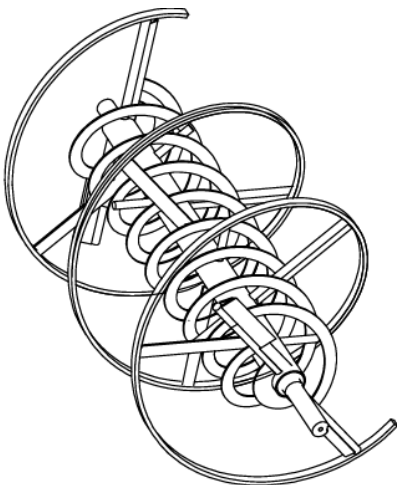
PRESIDENT horizontal mixers fulfil all requirements for efficient and fast batch treatment.

The horizontal mixer is space-saving, can easily be adapted to existing plants and will improve the capacity and accuracy of the whole plant.

If there is a demand for full utilization of the large capacity of the mixer, a buffer bin can be mounted on top of the mixer to allow ground products, minerals and soy-meal to be conveyed into this bin while mixing of the previous batch is taking place. In this way, 8 batches can be achieved per hour. The mixer or buffer bin can be equipped with weighing cells, and the whole mill/mix process can be controlled by a PM Mixcom M1 programmable control unit.

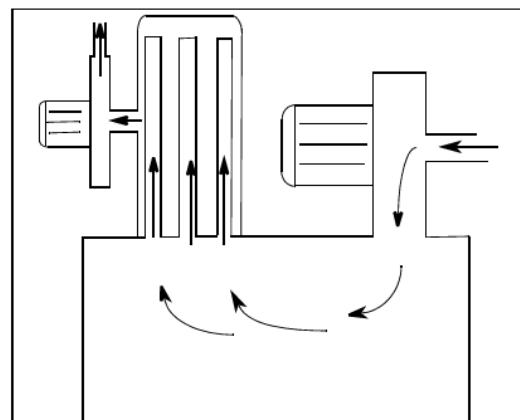
The unique mixing auger...

The double-reversed mixing auger is the secret behind the excellent mixing accuracy. The auger is made of steel and the through-going reinforcements make the auger very hardwearing. The auger covers the total mixing area which guarantees a uniform mixture, even with very small quantities of additives. The end-scrappers ensure that the mixing area is fully emptied between each batch. Test results from the "Byholm Test" show a degree of accuracy of 1:100.000



The picture shows a PHB8-4KSF plant on weighing cells with self-cleaning filter, ventilator, air lock and auger for further conveyance.

The horizontal mixer as a part of a dustproof plant



The picture shows the flow between hammer mill, mixer and filter. President supplies dustproof plants with capacities of up to 3500 kg/h.

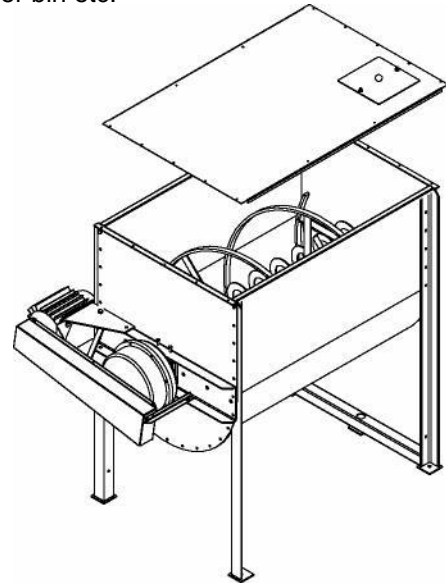


Technical data for PHB8 & PHB20

Worth knowing about the PHB-series...

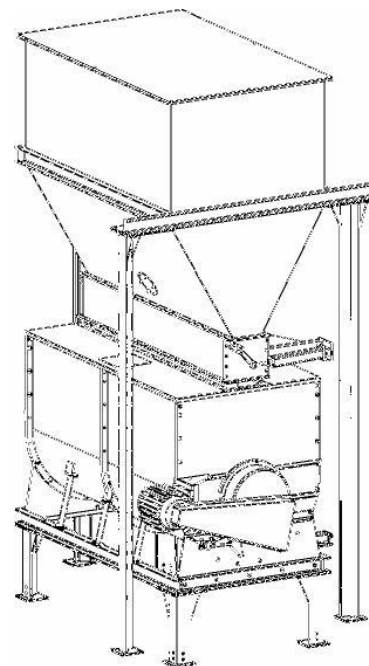
The PHB-series is developed for mixture of granulates, grainy and mealy products as well as addition of fat or molasses max. 8%. As a standard the PHB-mixer is equipped with drive arrangement; shaft gear and electric motor. Furthermore, the type PHB 8 is, as a standard, equipped with support legs. The mixer can hereafter be adapted according to individual requirements. We can offer the following accessories: cover for dustproof plant, outlet with electric motor/air cylinder, weighing cells, buffer bin etc.

Horizontal Mixer PHB 8		
Motor	Kw	4,0
Auger	Rpm	26
Outlet slide	Pcs	1
Operation of outlet		Optional
Outlet	Mm	175x175
Capacity	Kg	450
Mixing volume	Liter	740
Mixing/discharge time	Min	4 / 2
Buffer bin	Liter	800
Outlet is delivered with automatic outlet – air cylinder or electric motor.		



PRESIDENT horizontal mixer
PHB 8 - standard

Horizontal Mixer PHB 20		
Motor	Kw	7,5
Auger	Rpm	16
Outlet slide	Pcs	1
Operation of outlet		Optional
Outlet	mm	400x175
Capacity	Kg	1000
Mixing volume	Liter	1730
Mixing/discharge time	Min	4 / 2-3
Buffer bin	Liter	3100
Outlet is delivered with automatic outlet – air cylinder or electric motor.		



PRESIDENT horizontal mixer PHB 20
- shown with buffer bin and shutter
box