

Batch-Type Single Shaft Mixers With Bomb-Bay Discharge

WBHT / WBHP



Foods	Plastics	Minerals	Cosmetics	Chemicals	Metallurgy	Animal Feed
Organic Materials	Pharmaceuticals	Building Materials	Environmental Technology			

MIXTURE DISCHARGE IN THE SHORTEST POSSIBLE TIME

The WBH Batch-Type Single Shaft Mixer is the ideal machine to obtain highest quality mixtures in perfectly reproducible batches. In the last three decades MAP® has supplied thousands of mixers to a large variety of industries worldwide. Mixing tests for customers are performed in the Group's own laboratories worldwide.

In addition to the features of standard WBH mixers, Bomb-bay Discharge WBHP and WBHT-type Mixers ensure instant product discharge with a residue of less than 0.1% depending on the product mixed. A bomb-bay discharge is mandatory if discharge time has to be reduced to the minimum.

Technical Features

- Capacity: 165 ~ 10,500 litres per batch
- Mixing ratio: 1/100,000
- Variation coefficient (CV): between 3 and 5
- Optional liquid addition
- ATEX compliance 



Benefits

- | | |
|---|--|
| ✓ Excellent reproducibility of batches | ✓ Low maintenance |
| ✓ Total emptying, minimum residue | ✓ Power rating adapted to application |
| ✓ Perfect bomb-bay door sealing | ✓ High uptime |
| ✓ Optimum mixing homogeneity | ✓ Extensive mixing know-how and test facilities |
| ✓ No product damage | ✓ Quick and easy access to mixer |

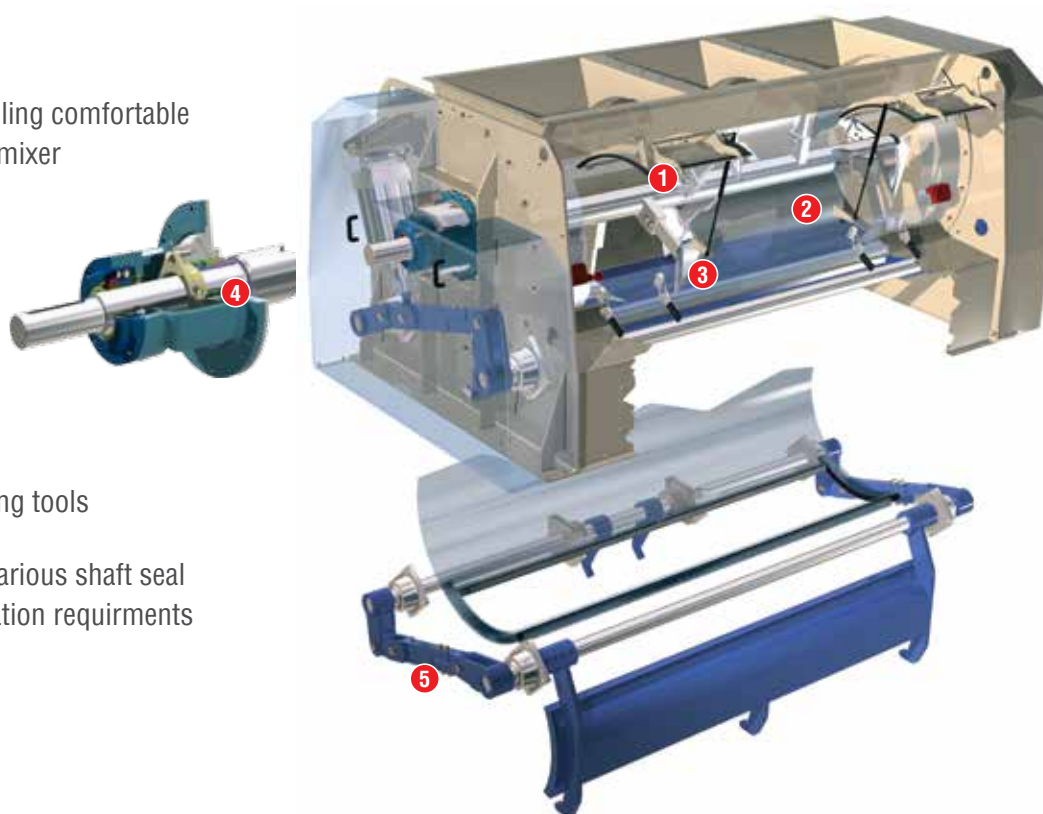
- 1** Large inspection doors enabling comfortable access to the interior of the mixer

- 2** Heavy-duty mixing chamber manufactured in carbon steel, anti-wear steel or 304L / 316L stainless steel

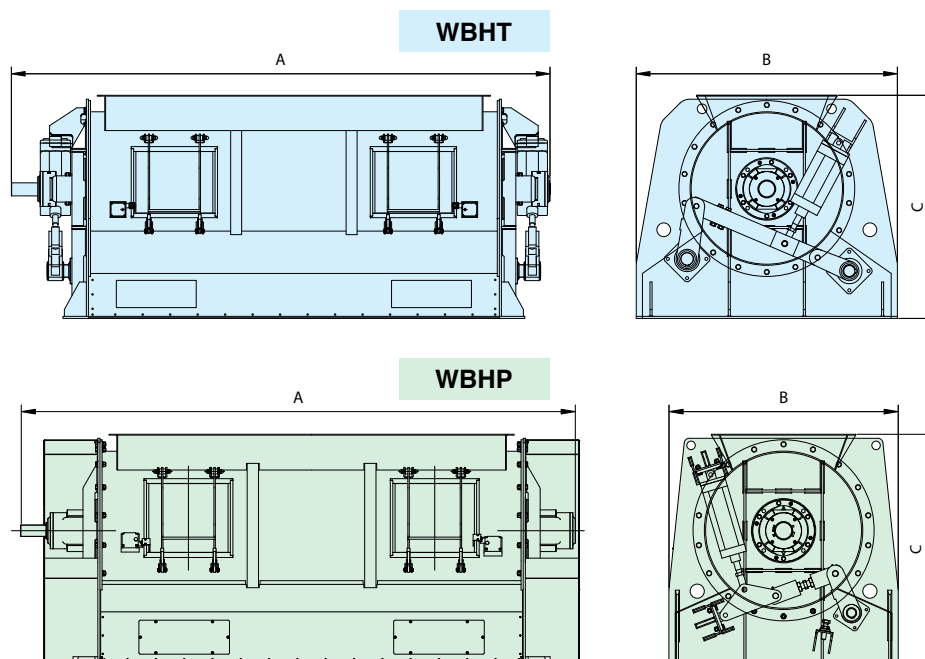
- 3** Adjustable, replaceable mixing tools

- 4** End bearing assemblies in various shaft seal configurations for all application requirements

- 5** Bomb-bay discharge door



Overall Dimensions



Model	A	B		C	Working Capacity (l)	Empty Weight (kg)	
		WBHT	WBHP			WBHT	WBHP
550 □	2,150	1,250	1,250	1,200	155 - 385	690	650
800 □	2,350	1,200	1,200	1,250	215 - 560	850	810
1100 □	2,620	1,500	1,350	1,500	315 - 770	1,200	1,100
1600 □	2,620	1,500	1,350	1,500	485 - 1,150	1,200	1,100
2000 □	2,920	1,900	1,500	1,650	551 - 1,400	2,400	2,280
3000 □	3,920	1,900	1,500	1,650	825 - 2,100	3,000	2,550
4800 •	4,550	2,000	1,780	1,790	1,340 - 3,360	3,800	3,600
6000 •	4,870	1,960	1,820	1,900	1,650 - 4,150	4,400	4,200
8800 •	5,390	2,200	2,000	2,200	2,450 - 6,150	5,300	5,050
10500 •	5,630	2,400	2,110	2,430	2,950 - 7,350	6,900	6,500
15000 •	6,130	2,800	2,380	2,530	4,100 - 10,500	8,000	7,600

□ Pneumatically operated bomb-bay discharge door

• Hydraulically operated bomb-bay discharge door

Dimensions in mm

Options



Choppers, liquid injectors, temperature jacket



Removable chamber liner, tools in special anti-wear material



Choppers



304L / 316L stainless steel internal polishing

Mixing Tools



Standard

Toothed Edge

Blade-Type

Toothed Blade

Anti-Wear Coating as an option for all mixing tools

Choppers



Tulip-Shaped



Blade-Type

Application



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