

DryMix Processing

Batch-Type Single Shaft Mixers with Bomb-Bay Discharge for Dry Premixed Building Materials WBHT

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Description ▼

WBHT - WBHP Batch-Type Single Shaft Mixers consist of a horizontal single shaft, equipped with ploughshare or shovel tools, housed in a tubular mixing drum. Bomb-Bay Discharge Batch Mixers, type WBHT with 60° opening section satisfy any customer's requirement in terms of high quality mixing in batch-type processes which are oriented towards optimised efficiency. An outlet opening across the entire length of the mixing drum ensures virtually residue-free discharge of the product in the shortest possible time.

Function ▼

The horizontal single shaft ploughshare mixer WBHT is based on the principle of mechanical fluidisation of the product. The particular shape, position and rotation speed of the mixing tools, create a centrifugal vortex motion which allows the products to be projected in a three-dimensional way and to merge. This ensures that components with different particle size and bulk density are perfectly blended and mixed with high precision within the shortest possible time.



Application ▼

- Masonry mortars
- Base renders/plasters (gypsum or cement)
- Bricklaying mortars and adhesives
- Cement or gypsum-based floor screeds
- Dry or shotcrete concrete
- Decorative plasters or coatings
- Ceramic tile adhesives
- Joint sealing /tile grouts
- Fillers, putties and trowelling compounds
- Building adhesives
- Repair mortars
- Flooring compounds

Benefits ▼

- ✓ **High-speed mixing;**
- ✓ **Quick and accurate additive dispersion;**
- ✓ **Maximum mixing homogeneity;**
- ✓ **No residue;**
- ✓ **Minimum wear;**
- ✓ **Easy access to all internal parts;**
- ✓ **Low maintenance.**

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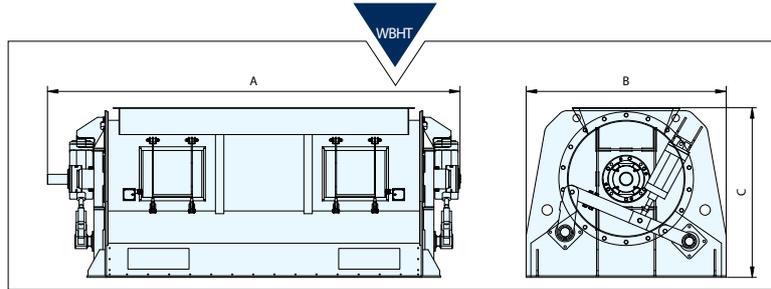
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Technical Features / Performance ▼

- ▶ From 550 up to 15,000 litres volume
- ▶ Wide range of materials: mild steel, special wear-resistant steel, internal anti-wear liner
- ▶ Choppers and liquid injection
- ▶ Great variety of accessories and options available

Overall Dimensions ▼



TYPE	A	B	C	Usable Volume (dm ³)	Empty Weight (kg)
WBHT 550	2,150	1,250	1,200	385	690
WBHT 800	2,350	1,200	1,250	560	850
WBHT 1100	2,615	1,500	1,500	770	1,200
WBHT 2000	2,920	1,900	1,650	1,400	2,400
WBHT 3000	3,920	1,900	1,650	2,100	3,000
WBHT 4800	4,550	2,000	1,790	3,360	3,800
WBHT 6000	4,870	1,960	1,900	4,200	4,400
WBHT 8800	5,390	2,200	2,200	6,160	5,300
WBHT 10500	5,630	2,400	2,430	7,350	6,900
WBHT 15000	6,124	2,800	2,525	10,500	8,000

Indicative dimensions (mm)

This datasheet might not show the complete range but only the models specialised for the application.