

Flour Milling

WBN Batch-Type Ribbon Blender



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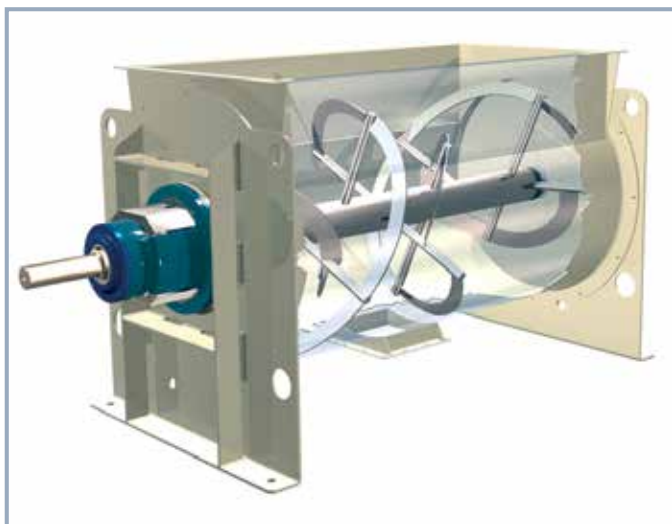


Description ▼

WBN Batch-Type Ribbon Blenders consist of a horizontal, single shaft double counter-pitch ribbon screw housed in a tubular mixing drum, a central inlet or a rectangular shape inlet port across the entire length of the mixing drum, an outlet with central discharge, a venting spout, two drum closing end plates that carry flanged end bearing assemblies complete with integrated adjustable shaft sealing unit, and a drive unit complete with power transmission.

Function ▼

The outer helix will move the material from both ends of the vessel towards the centre, while the inner helix will transfer the material towards both ends, performing a sort of convection mixing. The product is processed gently in a relative short mixing time.



Application ▼

For blending different types of flour or mixing flour with additives.

Benefits ▼

- ✓ Excellent mixing homogeneity;
- ✓ Mixing of fragile materials without particle damage;
- ✓ Low material residue;
- ✓ Minimum wear/low maintenance;
- ✓ Easy access to all internal parts;
- ✓ Attractive price.

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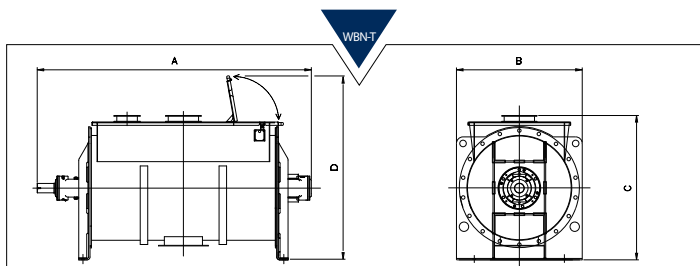
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Technical Features / Performance ▼

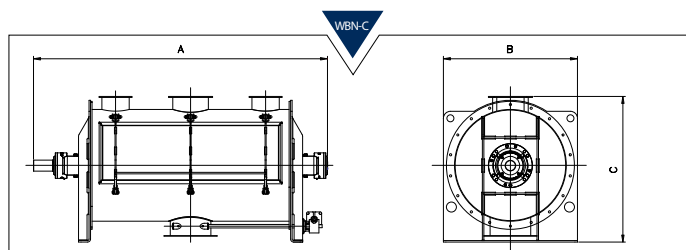
- ▶ From 75 up to 15,000 litres volume capacity
- ▶ Different construction materials
- ▶ Bomb-bay discharge available (15° and 60°).

Overall Dimensions ▼



TYPE	A	B	C	D	Usable Volume (dm³)	Empty Weight (kg)
WBN-T 75	1,300	611	670	1,051	56	160
WBN-T 150	1,460	670	763	1,274	105	270
WBN-T 300	1,840	770	930	1,393	210	400
WBN-T 550	2,150	930	1,133	1,585	385	690
WBN-T 800	2,350	980	1,154	1,602	560	850
WBN-T 1100	2,690	1,100	1,260	1,754	770	1,200
WBN-T 2000	2,920	1,340	1,465	1,975	1,400	2,400
WBN-T 3000	3,920	1,340	1,465	2,090	2,100	2,700
WBN-T 4800	4,520	1,500	1,725	2,199	3,360	3,800
WBN-T 6000	4,820	1,600	1,876	2,325	4,200	4,400
WBN-T 8800	5,390	1,810	2,067	2,665	6,160	5,300
WBN-T 10500	5,630	1,910	2,413	2,862	7,350	6,900
WBN-T 15000	6,124	2,110	2,706	3,190	10,500	8,000

Dimensions in mm



TYPE	A	B	C	Usable Volume (dm³)	Empty Weight (kg)
WBN-C 75	1,300	611	649	56	160
WBN-C 150	1,460	670	754	105	270
WBN-C 300	1,840	770	889	210	400
WBN-C 550	2,150	930	1,075	385	690
WBN-C 800	2,350	980	1,151	560	850
WBN-C 1100	2,690	1,100	1,278	770	1,200
WBN-C 2000	2,920	1,340	1,455	1,400	2,400
WBN-C 3000	3,920	1,340	1,455	2,100	2,700
WBN-C 4800	4,520	1,500	1,750	3,360	3,800
WBN-C 6000	4,820	1,600	1,860	4,200	4,400
WBN-C 8800	5,390	1,810	2,130	6,160	5,300
WBN-C 10500	5,630	1,910	2,160	7,350	6,900
WBN-C 15000	6,124	2,110	2,445	10,500	8,000

Dimensions in mm

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