



01



02

01: ASB narrow for 1,435 mm and 1,000 mm Track

02: ASB wide for 1,435 mm and 1,600 mm Track

ATTACHMENT

BALLAST BROOM ASB

A comprehensive range of attachment units for use with two-way-excavators is part of the WINDHOFF machine programme for track construction work to reduce heavy manual labour to a minimum. The Attachment Ballast Broom ASB is the latest addition to the programme. It has been designed to remove excess ballast from the tracks Hydraulic power is provided through the excavator's or track construction machine's hydraulic system. Steering of the broom is effected by means of a coupling rod. The attachment runs on 4-track guiding rollers. For loading and unloading, the attachment can be hoisted by means of a standard 4-chain hoisting adapter.

A rotating broom sweeps and feeds excess ballast onto a lateral conveyor belt for transport to either left or right side of the tracks as selected. All control functions are initiated from the driver's cabin of the excavator. The broom box comprises two sections to support the broom and the conveyor belt. The two sections can be swung a part for easy service. Adjustable supports ensure a safe stance in any location. To reduce both wear and noise emission, the broom box is provided with a vulcanised rubber on the inside.

Operational advantages of the Attachment Ballast Broom:

- / Quicker and more efficient finishing work at a construction site
- / Substantial savings in personnel
- / Better utilisation of the two-way excavators at smaller construction sites, thus longer machine operating times
- / Use in track cleaning work

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TECHNISCHE DATEN	Schotterbesen ASB
Track width narrow version	1,000 mm, 1,435 mm
Track width wide version	1,435 mm, 1,600 mm
Operational use	Federal German Railways (DB) regional and urban railway systems
Length	app. 2,690 mm
Width	
German Railways / DB	2,960 mm
Urban streetcar systems	2,650 mm
Weight	app. 2,100-2,200 kg
Sweeping performance (depending on height of ballast and selected sweeping depth)	500-700 m/h
Hydraulics	
sweeper drum	app. 75 l/min constant at 140 bar
conveyor belt	app. 22 l/min at 140 bar
Hydraulic cylinder	app. 10 l/min at 140 bar