

MOBILE SILO



SINGLE AND TWIN CHAMBER

MOBILE SILOS FOR

BULK GOODS



NORMANN BOLK

Containertechnik

FREE FALL- AND PRESSURE MOBILE

The provision of production and working sites with bulk material is extensively performed today using NORMANN BOCK mobile silos. The goods can be pre-produced at the maker's in these silos which are then available as mobile warehouses for the distribution network. Flexible NORMANN BOCK transport systems distribute the silos irrespective of the operating process of the producer and processor, and replace them with empty silos. The processor can forward the material directly from the silos to his production plants, or produce a ready-to-use material with units flanged to the silo.

The mobile silo as a transport vessel and packaging unit protects the material, ensures quality and prevents leakage and loss due to residual amounts, and is easy-to-service.



Mobile silo WS 22.5

NORMANN BOCK mobile silos are primarily used in the building industry to provide building sites.

The main fields of use are:

- Mobile silos from 7.5 – 22.5 m³ as free fall silos for dry mortar and plaster, and in heavy design for mining and tunnel construction.
- Twin chamber free fall silos for the simultaneous supply of two types of dry mortar in one mobile silo.
- Single chamber pressure silos from which dry mortar is pneumatically fed to the process machines on location.
- Single chamber portable silos with dosing and discharge unit, eg. for automatic feeding of a lime floor machine with dry material.
- Twin chamber mobile silos for aggregates and binders with dosing and mixing machine for the production of ready-to-use mortar and flow lime floor material.

NORMANN BOCK mobile silos are also being used more and more in other economic branches in which extensive use of bulk goods takes place:

- Single chamber silo in special steel construction for chemical bulks such as plastic granules or powder color pigments.
- Single chamber portable silos COMBI AGRAR in agriculture for harvesting, feed transport and fertilizer preparation.



Truck combination with 2 x WS 12.5 and semi-trailer with WS 20



Mobile silo WS 22.5

SILOS FOR BULK GOODS

NORMANN BOCK silos are placed with the COMBILIFT acceptance brace in a roller process under full load, placed horizontally on the ground or loaded onto a trailer or railway waggon.

With the acceptance braces, centre, side or tipping container vehicles, whose statics and material quality are continuously examined by independent authorities, the portable silos are lifted with full load from the vehicles COMBILIFT, SATTELSILOLIFT or DELTA PRO and placed vertically or accepted.



Telescopic tipping container vehicle DELTA PRO with WS 22.5

All systems of the NORMANN BOCK transport logistics are of course compatible with each other.

NORMANN BOCK provides a complete logistics system with portable silos / containers from under one roof to solve all your transport loading and disposal tasks.

If silo systems are already available, these can also be handled by NORMANN BOCK



Rail loading

transport systems, and a subsequent switch to the optimum NORMANN BOCK portable silos is very simple.

Four efficient production plants for portable silos in North, East and South Germany guarantee customer-specified and correct delivery, and the highest quality is ensured by production monitored by the TÜV.

NORMANN BOCK portable silos from our own production are a sign of quality, and the original sets the standard.



Mobile silo WS (ID) 22.5 for rail transport in accordance with UIC norms and road transport



Mobile silo WS 22.5 for flow lime flooring



Special steel portable silo EWS (ID) 26 in free fall and pressure construction

• SINGLE CHAMBER MOBILE SILO (FREE FALL)

Silo body diameter 2500 mm, silo cone 50°, vibrator carrier, rain disperser, outlet flap NW 250, dome cover NW 500, filling pipe 2.5" with impact pot, prop B, blind cover with chain, ventilation pipe 4", prop A, normal dished end on head side, silo cone in one piece without weld seam, acceptance brace COMBILIFT, acceptance brace contro up to max 20 t.

Mobile silo-type	Total height**	Dimensions in mm			Volume m ³	Max. filling weight t*	Weight kg
			Diameter	Cylinder length			
WS 10	4740	x	2500	x 1500	10.7	20	1600
WS 12.5	5240	x	2500	x 2000	13.1	20	1750
WS 15	5740	x	2500	x 2500	15.5	20	1910
WS 17.5	6240	x	2500	x 3000	17.9	32	2050
WS 20	6740	x	2500	x 3500	20.3	32	2200
WS 22.5	7040	x	2500	x 3800	22.0	32	2300
WS 25	7740	x	2500	x 4500	25.1	32	2600



Design and production of silo tails via EDP



Robot deployment in silo production

• SINGLE CHAMBER MOBILE SILO (PRESSURE)

Silo body diameter 2500 mm, silo cone 50°, vibrator carrier, dome cover NW 500, filling pipe 3", ventilation pipe 3", flange on funnel outlet, normal dished end on head side with acceptance brace COMBILIFT.

Mobile silo-type	Total height**	Dimensions in mm			Volume m ³	Max. filling weight t*	Weight kg
			Diameter	Cylinder length			
WSD 12.5	5240	x	2500	x 2000	13.1	20	1800
WSD 17.5	6240	x	2500	x 3000	17.9	32	2400
WSD 22.5	6990	x	2500	x 3750	22.0	32	2575



COMBILIFT CL 35.70 with mobile silo

* Not handable with mobile unit, only static

** to centre of acceptance bow

The mobile silos are sand blasted, preserved and lacquered in RAL colour according to customer specifications

Braces (depending on type of transport system)

Code-No.: 234 Acceptance braces side to max. 25t

Code-No.: 237 Acceptance brace for telescopic tipping container vehicle up to max. 15 t

Code-No.: 240 Filling connection pieces 2.5" with throttle valve, prop B, blind cover with chain

We reserve the right to technical alterations!



Mobile silo WS 22.5 for
flow lime flooring



Mobile silo WS 12.5



Mobile silo WS 20



COMBI-AGRAR WS 20 C



2-chamber mobile silo for cement floor screed



2-chamber WS 19 ZK for COMBIMIX-
Mortar and flow lime flooring



3 x mobile silos pressure WSD 12

MOBILE SILO SYSTEME



Normann Bock
System



Seil-Systeme



Zwei-Taschen
System



Fluid-
container
30m³



Sattelsilos,
Standsilos
bis 35m³



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