26 CBM CONE DESIGN BULK POWDER (SILO) TANK CONTAINERS

DESIGNED FOR THE INTERMODAL TRANSPORTATION OF BULK POWDER COMMODITIES SUCH AS CEMENT, FLY ASH, LIME AND PLASTER

26 CBM CONE DESIGN TECHNICAL SPECIFICATIONS*

CAPACITY	Nominal: 25.8 Cbm
	Effective: 24.5 Cbm
FRAME DIMENSIONS	**LENGTH:** 20 ft (6,058 mm)
	WIDTH: 8 ft (2,438 mm)
	HEIGHT: 9 ft 6 in (2,926 mm)
TANK DIMENSIONS	**DIAMETER:** 7ft 9 in (2,405 mm) (ID)
	LENGTH: 19 ft 7 in (6,018 mm) (ID)
WEIGHT	Maximum Gross: 34,000 kg (74,960 lbs)
	Tare: 3,620 kg (7,980 lbs)
	Payload: 30,380 kg (66,975 lbs)
PRESSURE	Maximum Working Pressure: 1.8 Bar (0.18 Mpa)
	Hydrostatic Pressure Test: 2.9 Bar (0.29 Bar)
	Design Pressure: 2 Bar (0.2 Mpa)
TEMPERATURE	Design Temperature: -20°C to +70°C
	Discharge Temperature: 0°C to +50°C

GENERAL SPECIFICATIONS

SHELL MATERIAL	Q345R
BARREL THICKNESS	Shell Material Nominal Thickness 4mm
	Ends Material Nominal Thickness 6mm (Before Forming)
DESIGN CODE	AS 1210-2010 Pressure Vessels (where applicable)
	AS 1210 Class 3 Pressure Vessel
	3873-2000 Pressure Equipment
	AS 1271-2003 Safety Valves
	AS/NZS 3788:2006 Pressure Equipment
TYPE APPROVALS	CSC
LOADING	1 Top Loading Hatch
	1 Bottom Cargo Inlet and 1 Air Outlet both fitted with 4" Type A Male camlock coupler and Cap
DISCHARGE	3 Cone Design arrangement fitted with 5 aerators per cone
CONNECTIONS	Air Inlet Connection: 3" Type A Male Camlock Coupler & Cap
	Discharge Outlet Connection: 4" Type A Male Camlock Coupler & Cap
MANLID	1 x 500 mm Quick Release Latch Manlid Assembly
SAFETY RELIEF VALVE	1 x 2" Safety Relief Valve set at 1.9 Bar

REGULATORY APPROVALS

Seaco tank containers meet global regulatory approvals for international transport.

* All specification details are based on the average Bulk Powder (Silo) Tank in the Seaco fleet. Specifications may vary subject to Tank type selected.

For further technical enquiries, please contact your local Seaco tank specialist.

Visit: seacoglobal.com/contact-us/tank-enquiries

www.seacoglobal.com

28 CBM MAT DESIGN POWDER (SILO) TANK CONTAINERS

DESIGNED FOR THE INTERMODAL TRANSPORTATION OF BULK POWDER COMMODITIES SUCH AS CEMENT, FLY ASH, LIME AND PLASTER

28 CBM TECHNICAL SPECIFICATIONS*

CAPACITY	Nominal: 28.0 Cbm
	Effective: 23.8 Cbm
FRAME DIMENSIONS	**LENGTH:** 20 ft (6,058 mm)
	WIDTH: 8 ft 2 in (2,502mm)
	HEIGHT: 9 ft 6 in (2,926 mm)
TANK DIMENSIONS	**DIAMETER:** 8ft (2,488 mm) (OD)
	LENGTH: 19 ft 7 in (6,028 mm)
WEIGHT	Maximum Gross: 34,000 kg (74,960 lbs)
	Tare: 4,080 kg (9,000 lbs)
	Payload: 29,920 kg (65,960 lbs)
PRESSURE	Maximum Working Pressure: 2 Bar (0.2 Mpa)
	Hydrostatic Pressure Test: 3 Bar (0.3 Mpa)
	Design Pressure: 2 Bar (0.2 Mpa)
TEMPERATURE	Design Temperature: -19°C to +70°C
	Discharge Temperature: < 50°C

GENERAL SPECIFICATIONS

SHELL MATERIAL	Q345R
BARREL THICKNESS	Tank Body 4mm
	Dish Head 6mm
DESIGN CODE	GB 150-1998 Steel Pressure Vessels (where applicable)
	AS 1210-2010 Pressure Vessels (where applicable)
TYPE APPROVALS	CSC
	ISO/TC-104
	Steel Pressure Vessels (GB150-1998) where applicable
	Non Destructive Inspection of Pressure vessels (JB4730.2-2005)
LOADING	3 Top Loading Hatches
DISCHARGE	Fluidised bed discharge
CONNECTIONS	Air Inlet Connection: 3" Type A Male Camlock Coupler & Cap
	Discharge Outlet Connection: 4" Type A Male Camlock Coupler & Cap
MANLID	3 x 500 mm Quick Release Latch Manlid Assembly
SAFETY RELIEF VALVE	1 x 2" Safety Relief Valve set at 2 Bar

REGULATORY APPROVALS

Seaco tank containers meet global regulatory approvals for international transport.

* All specification details are based on the average Bulk Powder (Silo) Tank in the Seaco fleet. Specifications may vary subject to Tank type selected.

For further technical enquiries, please contact your local Seaco tank specialist.

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