



ELKON BOLTED TYPE CEMENT SILOS



50, 75, 100, 150, 300, 500, 1000 Tons
Bolted Type Cement Silos

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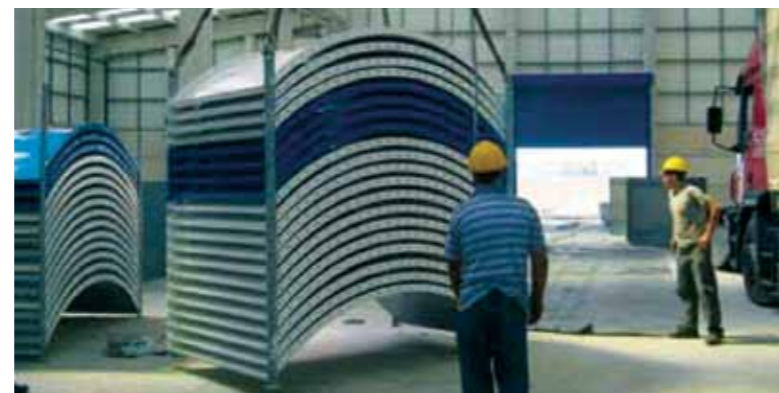


| SPECIFICATIONS | 50 TONS | 75 TONS | 100 TONS | 150 TONS | 300 TONS | 500 TONS | 1000 TONS |
|--------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| Cement Silo Type | EPCS – 50 | EPCS – 75 | EPCS – 100 | EPCS – 150 | EPCS – 300 | EPCS – 500 | EPCS – 1000 |
| Capacity (*) | 35m ³ / 50 Tons | 55m ³ / 75 Tons | 70m ³ / 100 Tons | 110m ³ / 150 Tons | 220m ³ / 300 Tons | 360m ³ / 500 Tons | 620m ³ / 1000 Tons |
| Diameter | 3600 mm | 3600 mm | 3600 mm | 3600 mm | 6150 mm | 6150 mm | 9700 mm |
| Total Height | 10000 mm | 11500 mm | 14500 mm | 17500 mm | 12000 mm | 16500 mm | 16000 mm |
| Height of the legs | 6000 mm | 6000 mm | 6000 mm | 6000 mm | 5000 mm | 5000 mm | 6800 mm |
| Discharge height of silo | 4000 mm | 4000 mm | 4000 mm | 4000 mm | 1550 mm | 1550 mm | 1300 mm |
| Transportation | 2 Units in 1 40ft Container | 2 Units in 1 40ft Container | 2 Units in 1 40ft Container | 2 Units in 1 40ft Container | 1 Unit in 1 40ft Container | 1 Unit in 2 40ft Containers | – |

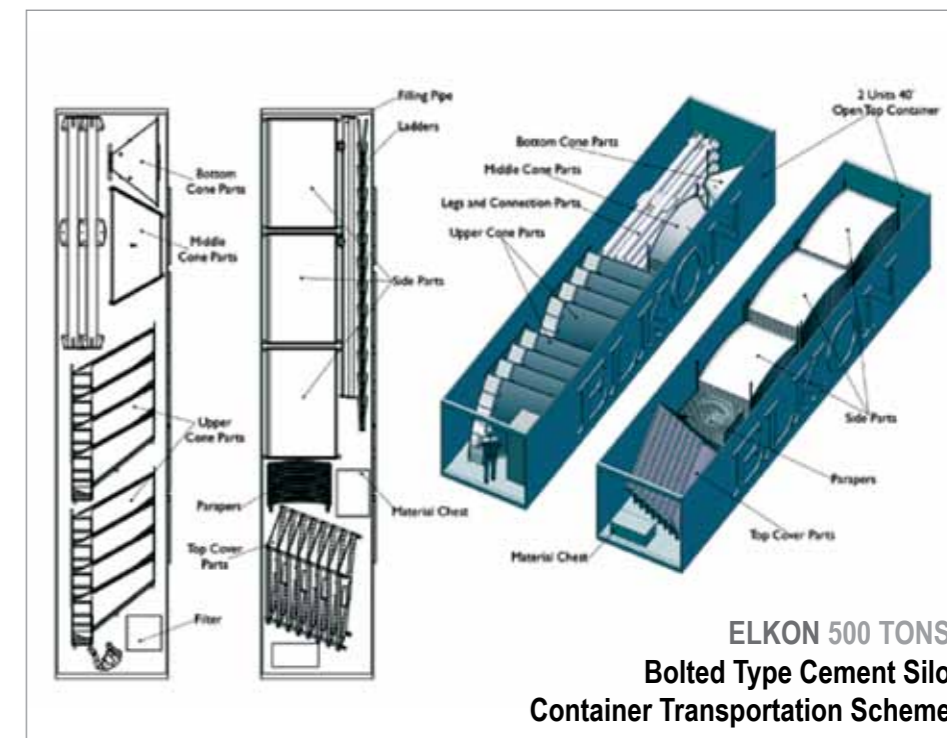
* Figure referred to cement with bulk density 1.4 tons/m³



ELKON established a separate and dedicated factory for manufacturing cement silos in 2007 and, with this investment, established a high capacity production line for the manufacture of cement silos, manufacturing in excess of 1,000 units annually. The concept of bolted cement silos in a variety of sizes gives many advantages including ready availability and huge savings in freight costs – for example, 2 x 150 tonne capacity bolted silos will fit into one 40ft open top container.



500 Tons Bolted Type Cement Silo



ELKON 500 TONS Bolted Type Cement Silo Container Transportation Scheme

Components for the bolted silos are produced using CNC laser cutting and drilling equipment to guarantee accuracy, before undergoing complete surface preparation and cleaning. The parts are manufactured under closely controlled conditions and undergo a final process on an overhead automatic conveyor system into a fully automated painting facility for priming and final coating. They are then packed in a predetermined process for transportation, to optimise freight requirements.



ELKON 500 TONS Bolted Type Cement Silo Containers Loaded on Trucks

CEMENT SILO EQUIPMENTS



Cement Silo Maximum – Minimum Level Indicator



High Pressure Safety Valves



Cement Silo Filter (WAM)



Cement Silo Fluidizing System





DUQM / OMAN
500 TONS



MISURATA / LIBYA
300 TONS

