

# Spiral Folded Grain Silo

Spiral folded silos offer an integral intensity and long life for agricultural storage. Their design ensures good gas-tightness and wide application for various materials.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Spiral Folding Technology

The spiral folded silo utilizes internationally advanced double-profiling technology to create a high-strength, durable storage solution. By creating a confined encircling spiral protruding strip, the structure achieves significantly higher load-bearing capacity compared to standard methods. This versatile system is ideal for storing granular, powder, and even liquid materials, while offering excellent gas-tightness for fumigation requirements.

## Technical Features

|                        |  |
|------------------------|--|
| Construction Technique | Double profiling spiral folding                |
| Protruding Strip Width | 40 mm  |
| Seam Configuration     | Five-layer spiral steel with embedded seal gum |

## Performance Metrics

### Construction Speed

**300 m/h**  
Speed

|                        |                             |
|------------------------|-----------------------------|
| Weight vs Concrete     | 1/6 of concrete silo weight |
| Minimum Silo Clearance | 500 mm                      |

## Applications

### Functional Capabilities

- Fumigation support
- Deinsectization compatibility
- Double layer bending for liquid storage
- Optional silo height and diameter

### Supported Materials

Granular materials, Powder materials, Liquid materials