

STAS

PT Cipta Mortar Utama is Indonesia's first premixed producer who brings Silo Application Technology System (STAS) to facilitate construction work.

Silo is a tube-shaped container that has a volume of 20m³ (± 30 tons) of dry mortar in bulk form. Silo integrates with STAS to increase productivity.

About STAS

STAS is a high-tech applications system to increase productivity of building construction works. STAS come from an integrated development of several systems which are:

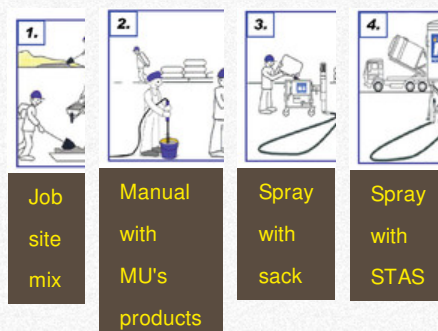
- Silo and Conveying Systems
- Logistics system
- system Applications
- Loading and Unloading Systems

Silo Physical Data



- Accelerated delivery and unloading of materials.
- Less storage area is required for materials .
- Increased project productivity.
- Greater time and cost efficiency.
- Minimized waste in the form of containers or pallets.
- Reduction in material losses and need to protect building materials from inclement weather.
- Safe conveying system.
- Dustless processes.
- More efficient use of human resources.
- Easily refillable at the construction site.
- Greater mixture consistency.
- Reduced waste handling.

Productivity Comparation



Manual System

Dry mortar unloaded from silo through the tap manually. And then the mortar is prepared to be stirred manually as usual.



D-40/D-50 Mixer Gravitation System

Mixer fitted under silo. Dry mortar from the silo into the mixer without pumping (force of gravity). Mixer output: 2.4 to 3 m³ of wet mortar.



Silo Conveying System

A vertical distribution system of dry mortar from silo using compressor. Mortar pumped through a rubber hose to a height of more than 150m. The dry mortar transferred into mixer at the job site with output: 1.8 m³ of ready-made mortar



DuoMix Mix & Spray

applications machine which has two ways in supplying mortar: manual and conveying. This machine has a pump to spray.

- mixer output: 1.5 m³ of ready-made mortar / h
- electric power: 16 A 3 Phase



Compressor

Supporting machine for pumping mortar from the silo to the mixer. The electric power required is 32 A 3 Phase



F-140 COMPRESSOR

D-30 Mixer

Simple mixer with integrated water pump that can stir the mortar in high consistency with the exact composition of the water and work automatically.

- mixer output: 1.8 M3 wet mortar / hour
- The electric power required is 16 A 3 Phase



D-30 MIXER