

# SILO 7500



## DESIGN FEATURES

### LARGE CAPACITY

The Silo 7500 boasts an impressive capacity, ensuring efficient water recycling for extensive operations.

### AUTOMATED FLOCCULANT STATION

Equipped with a fully automated system for flocculant dosing, enhancing operational efficiency and reducing manual intervention.

### VERSATILE PUMP SYSTEMS

Features robust mud decantation and submersive pumps, optimized for high-performance and consistent water recycling.

### CUSTOMIZABLE LAYOUT

The machine's layout can be tailored to meet the specific requirements of individual shops, ensuring seamless integration and optimal performance.



The SILO 7500 system consists of a 7500 litre stainless steel silo, sludge collection bags and stand, submersible pit pump and a delivery pump returning clarified water back to your factory. The system also includes an automatic flocculant station that promotes efficient sludge separation and decantation, resulting in faster water clarification. Farnese recommends 7000 to 10000 litre storage tank capacity to receive the decanted water from the silo to complete the cycle, plus a sludge pit to collect the waste water to be processed.



# FEATURES

## HOW IT WORKS

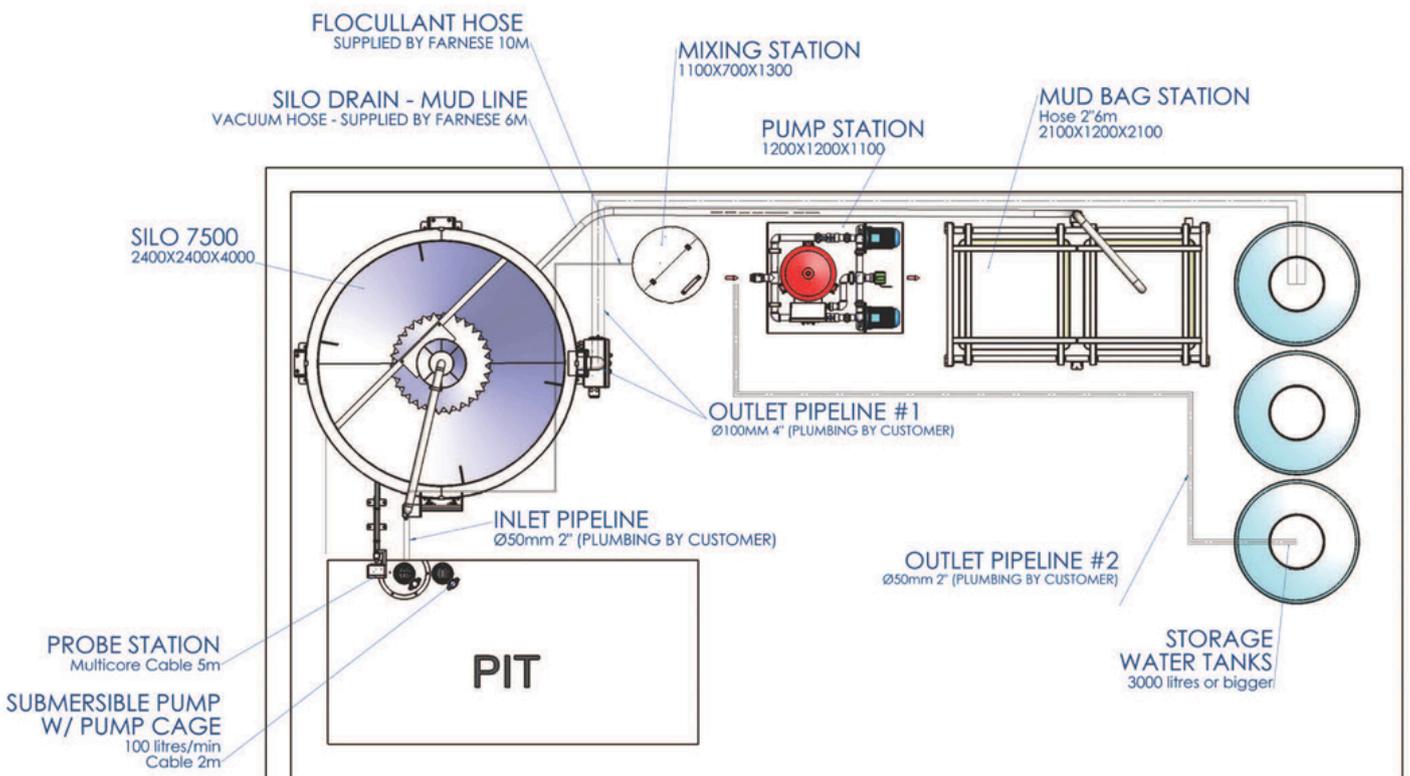
The system is quite simple.

The dirty water from your factory gets collected in the pit. The water level in the pit is monitored via a three probe water level system, activating a submersible pump that pumps the dirty water up to the silo.

At the same time, a flocculant pump injects polymer flocculant into the water, which then mixes in the silo.

The flocculant helps bind the mud particles together, allowing them to sink to the bottom of the silo. The mud on the bottom of the silo is then emptied at timed intervals into the bag stand to dehydrate. Once the mud has dried enough in the bags, they can then be removed and disposed of.

The resulting clean water that remains in the silo then feeds into your storage tank. From there, a pump system (which has two pumps in case one stops working) feeds the clean, recycled water back into your factory.



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# TECHNICAL SPECIFICATIONS

DIMENSIONS	Metric	Imperial
Length	9000 mm	354.3 in
Width	3000 mm	118.1 in
Height	4000 mm	157.5 in
Weight	1400 kg	3080 lb

FEATURES AND FEED		
Mixing Station	YES	YES
Automatic Flocculant Station	YES	YES
Water Tanks	SUPPLIED BY CUSTOMER	
Mud Decantation Station	YES / 2 POS	YES / 2 POS
Pump to the Machines	YES / 2 POS	YES / 2 POS
Submersive Pumps	YES / 2 POS	YES / 2 POS
Automated Pump Control	YES	YES
Electric Exit Ball Valve	YES	YES
Power Required	400v 3ph 50Hz, 8A+ Neutral	208v 3ph 60Hz, 12A

CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)

POWER, WATER, COMPRESSED AIR

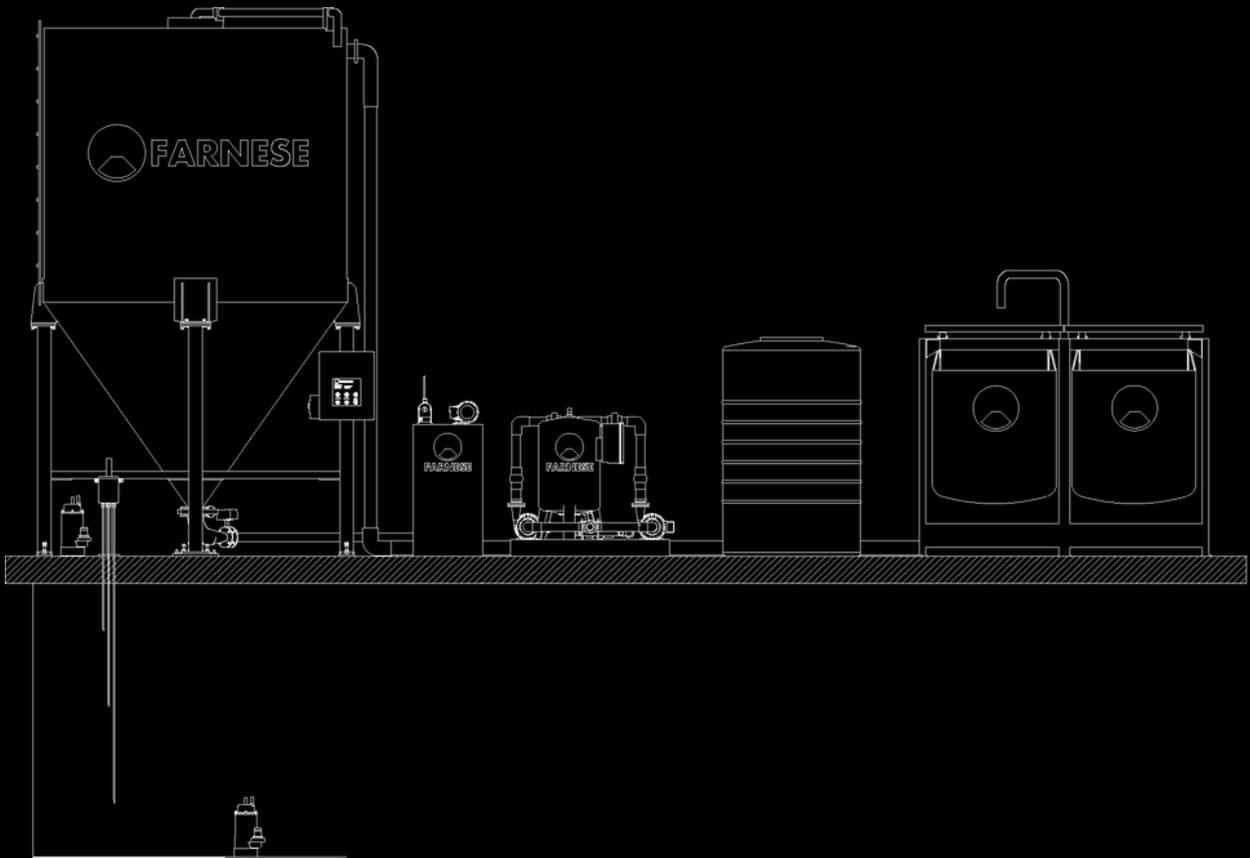
TOOLING | CONSULT YOUR LOCAL

FARNESE DEALER FOR ANY TOOLING

REQUIRED

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# TECHNICAL DRAWING



## **We Know That Support Is Important To You.**

Buying a new machine is a big commitment for anyone and continued support throughout the life of that machine is vital.

Being a local company, Farnese carry a vast array of parts locally to ensure that your machine always has the spares it needs. Enjoy peace of mind knowing that you'll be fully supported by Farnese and we'll always have you covered.

Farnese customers don't need to experience unnecessary machinery downtime waiting for remote assistance from other countries, as all the support and remote assistance is provided locally from our own qualified Technicians.

Our mission here at Farnese is to give you the best support in the industry. As we grow, we continue to recruit more and more qualified technicians to further strengthen our position in the Stone Industry.

