

# SILO 2500



## DESIGN FEATURES

### 2500 LITRE GALVANISED STEEL SILO

The 2500-litre tank is made of durable galvanized steel, perfect for tough workshop conditions. It ensures efficient water recycling and mud decantation with minimal maintenance.

### SMALL FLOCCULANT UNIT

This unit effectively adds flocculants to water, promoting easy separation of fine particles. Despite its size, it keeps your water recycling system running smoothly.

### SUBMERSIBLE PIT PUMP

The powerful pump operates underwater to efficiently move water and sludge within the system. It's designed for continuous use in demanding conditions.

### AUTOMATED PUMP CONTROL

This system ensures precise and consistent operation, reducing the need for manual intervention. It keeps the system running at optimal efficiency, minimizing downtime.

The Farnese Silo 2500 is a compact and efficient water recycling system designed for small shops, offering robust performance with its 2500-litre galvanized steel silo. It features an effective flocculant unit for easy particle separation, a powerful submersible pit pump for seamless water and sludge movement, and automated pump control for consistent operation. Additionally, its large sludge collection bag ensures minimal maintenance and efficient waste management, making it an ideal solution for continuous mud removal and water recycling in demanding workshop environments.



# FEATURES

## HOW IT WORKS

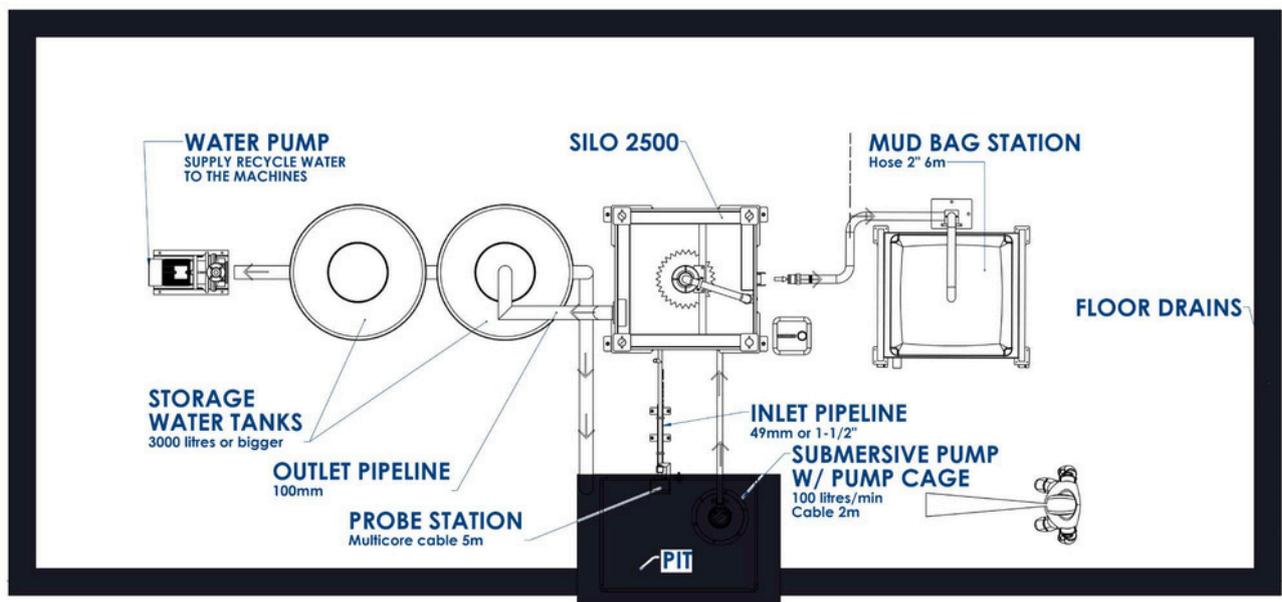
The system is quite simple.

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.



# TECHNICAL SPECIFICATIONS

<b>DIMENSIONS</b>	<b>Metric</b>	<b>Imperial</b>
Length	1200 mm	47.2 in
Width	1200 mm	47.2 in
Height	3500 mm	137.8 in
Weight	600 kg	1320 lb

<b>FEATURES AND FEED</b>		
Mixing Station	NO	
Automatic Flocculant Station	YES	
Water Tanks	SUPPLIED BY CUSTOMER	
Mud Decantation Station	YES / 4 BAGS	
Pump to the Machines	SUPPLIED BY CUSTOMER	
Submersive Pumps	YES	
Automated Pump Control	YES	
Manual Exit Ball Valve	YES	
Power Required	400v 3ph 50Hz, 1A+ Neutral	208v 3ph 60Hz, 2A

CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)

POWER, WATER, COMPRESSED AIR

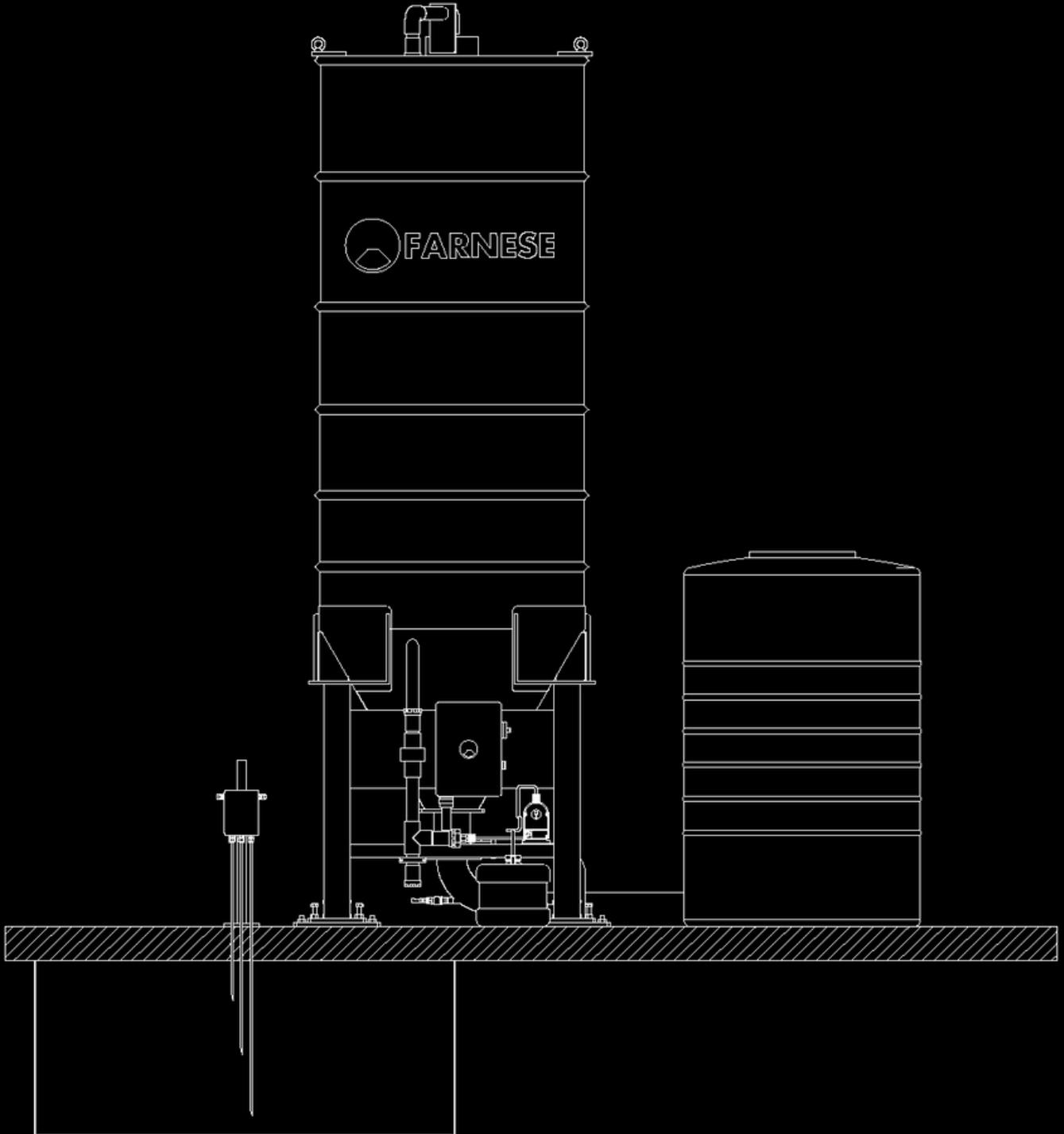
TOOLING | CONSULT YOUR LOCAL

FARNESE DEALER FOR ANY TOOLING

REQUIRED

SILO 2500

# 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.

