

# SILO 2500



## DESIGN FEATURES

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2500 LITRE GALVANISED STEEL SILO

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SMALL FLOCCULANT UNIT

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SUBMERSIBLE PIT PUMP

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AUTOMATED PUMP CONTROL

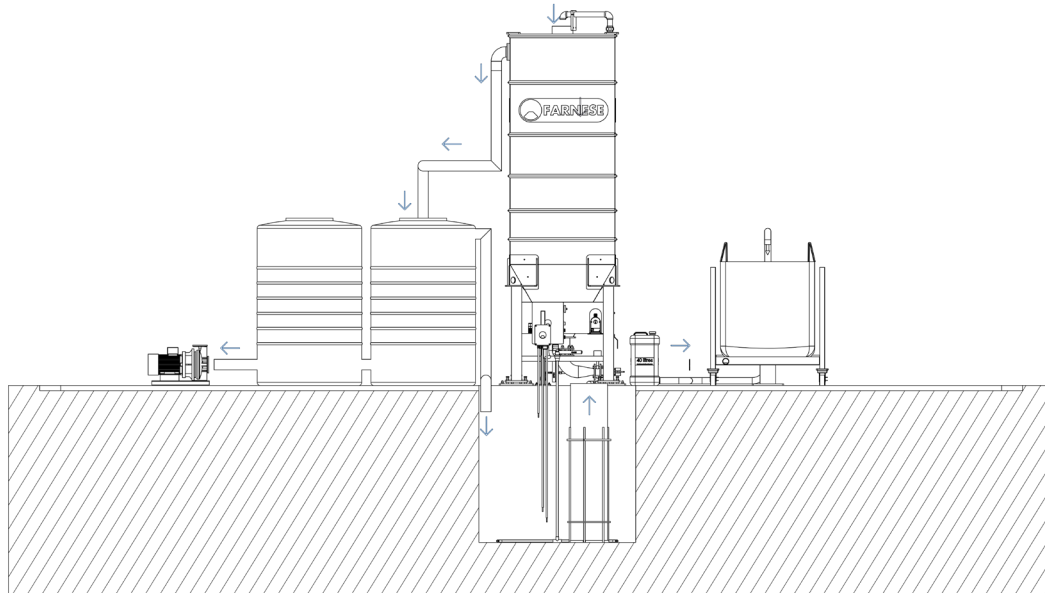
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LARGE SLUDGE COLLECTION BAG

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**Farnese Australia** was founded in 2000 by the Farnese family, whose members have decades of combined professional experience and expertise in both the global stone industry and the local stone machinery manufacturing industry. We are the only designer and manufacturer of stone fabrication machinery in Australia and our machines have found homes throughout Australia, New Zealand, the United States, the United Kingdom, and Vietnam.

With over 20 years of experience in the stone industry, the team at Farnese have the experience it takes to design, install and maintain the equipment needed in your industry.



Ideal for the smaller factory, the **SILO 2500** is a compact system for the quick removal of mud from your recycled water.

#### 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.

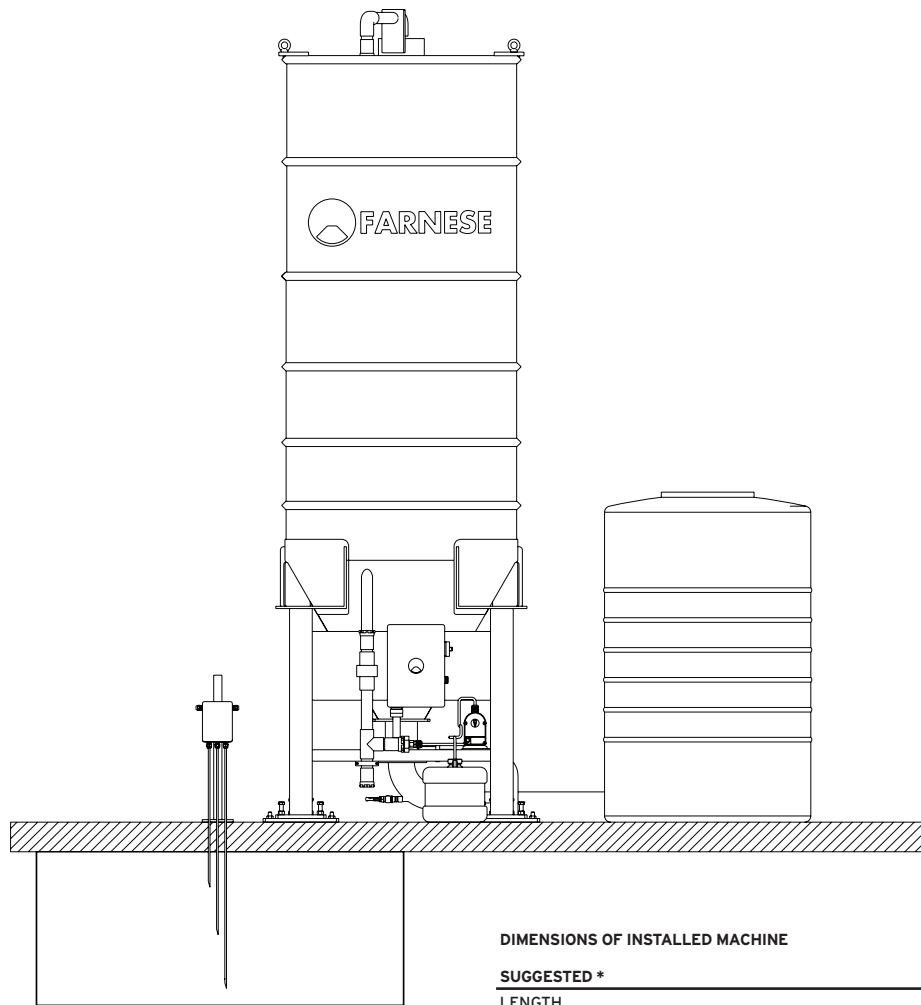
At the same time, a flocculant pump injects polymer flocculant into the water, which then mixes in the silo.

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.

# SILO 2500



## DIMENSIONS OF INSTALLED MACHINE

SUGGESTED *	METRIC	IMPERIAL
LENGTH	1200 mm	47.2 in
WIDTH	1200 mm	47.2 in
HEIGHT	3500 mm	137.8 in
WEIGHT	600 kg	1320 lb

\* LAYOUT CAN BE CUSTOMISED TO SUIT THE REQUIREMENTS OF INDIVIDUAL SHOPS

## FEATURES & FEEDS

MIXING STATION	NO	NO
FLOCCULANT STATION (SMALL)	YES	YES
WATER TANKS	SUPPLIED BY CUSTOMER	
MUD DECANTATION STATION	YES / 4 BAGS	YES / 4 BAGS
PUMP TO THE MACHINES	SUPPLIED BY CUSTOMER	
SUBMERSIVE PUMPS	YES	YES
AUTOMATED PUMP CONTROL	YES	YES
MANUAL EXIT BALL VALVE	YES	YES

POWER REQUIRED	400v 3ph 50Hz	208v 3ph 60Hz
	1A+ Neutral	2A

CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)  
POWER, WATER, COMPRESSED AIR

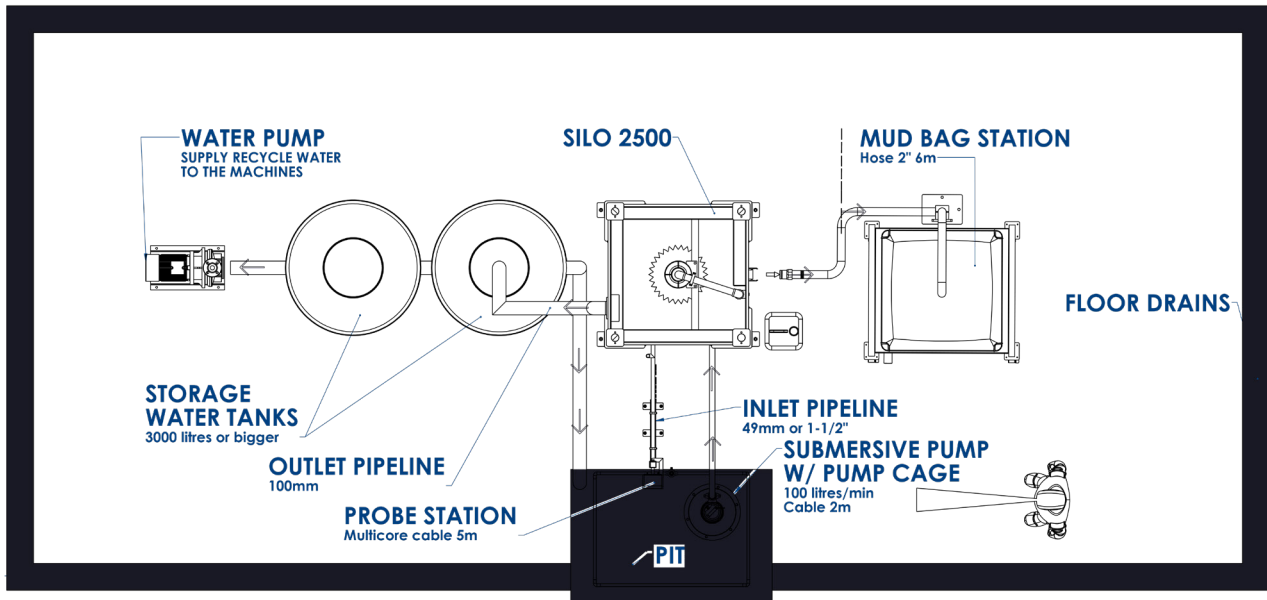
\*WATER TANKS AND PLUMBING TO BE SUPPLIED BY THE CUSTOMER

Owing to the constant updating of our designs, descriptions and technical data shown in our drawings and folders are not binding. Possible alterations deemed by the makers as convenient will be effected at any time without previous notice.

## TECHNICAL SPECIFICATIONS

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DESIGNED FOR FUNCTION, BUILT TO LAST.



## 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 an Australian company, Farnese carry a vast array of parts here in Australia 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 in Australia from our own qualified Technicians in Australian time.

With more Service Technicians in Australia than any of our competitors, 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.