

Placing the silo on site:

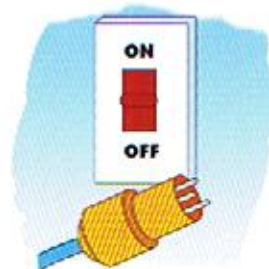
When placing the CPI EuroMix silo on site the following must be taken into consideration:

- The ground should be hard and level. It is preferable for the silo to be positioned on a concrete base, or compacted hardcore. The ground must be capable of carrying a gross weight of up to 40 tonnes.
- Following placement, the customer is responsible for the stability of the silo. When placing a silo near to excavations and ditches, the necessary safety distance must be obeyed (see illustration).
- There should be unobstructed access to the silo at all times.
- Leave the silo placement area free of overhead wires or other impediments to the loading/unloading of the silo. A minimum of 7 metres clear headroom is required.
- Don't forget that, in its working position, each silo requires a minimum area of 3m x 3m.
- Where possible space should be left beside the silo for a second silo (to facilitate a change over).
- Silos should not be placed in whole or in part on public roads, footpaths or rights of way without prior notice to CPI and permission from the relevant authorities.

The silo should be no more than 5 metres from water and electricity supplies.

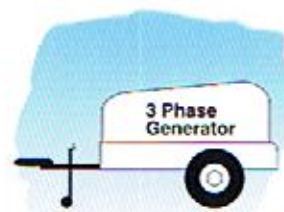
Electrical Requirements:

The preferred electrical supply is **3 PHASE** mains supply (400V Neutral and Earth). The total maximum load is 5kW. A 16A 5 pin industrial socket must be provided from a 16A 3 phase motor rated MCB (or 20A MCB if not motor rated). The electrical supply to the silo must be backed up by a 30mA RCD (which is exclusive for silo use only).



Alternative Power Requirements:

In the event that only **SINGLE PHASE** supply is available, a converter box can be purchased from CPI. In these cases, the converter box must be located not more than 3m from the mains board and should be installed in a waterproof housing. The connection from the mains requires a 32A single phase 3 pin industrial socket which must be provided from a 32A motor rated MCB (40A MCB if not motor rated). The electrical supply to the silo must be backed up by a 30mA RCD (which is exclusive for silo use only). The silo must be located within 5m of the converter box.



In the event of no power being available on site, a **3-PHASE GENERATOR** with a minimum capacity of 10kVA (fitted with a 16A 5 pin industrial socket) is also sufficient to run the silo mixing station.

Water Requirements:

A mains fed covered water storage tank is required on site. This tank should be mounted not less than 2 metres above ground level and not more than 5 metres from the silo. The tank outlet to feed the mixer should not be less than a 3/4" internal bore and fitted with a gate valve. If more than one mixer is fed from the same water tank, then each mixing station must be piped directly from the tank.



For Scottish users, silos can be operated from normal mains pressure.

Quality Mortar

when you need it

Our EuroMix Service Technician will provide advice and assistance if required.



Please note:

All silo installations must be installed to current IEE Regulation Requirements for Electrical installations (BS 7671:1992) with attention being paid to the special location section relating to construction sites section 604.

CPI recommends and will be pleased to offer a site survey prior to the commencement of contract. CPI regrets that silos cannot be provided to customers unable to comply with the above requirements.