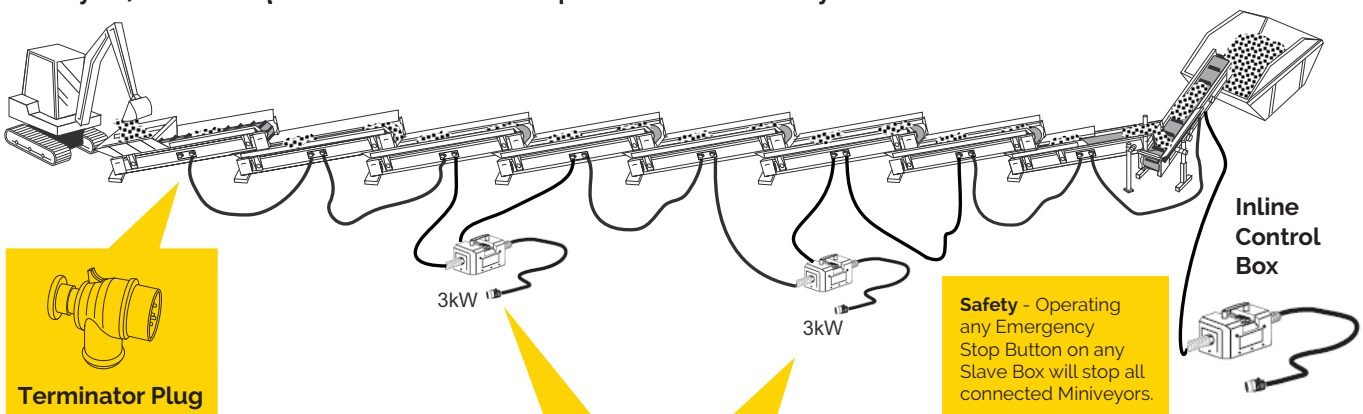
Miniveyor NEW ZEALAND

PORTABLE CONVEYOR

Slave Box Installation Guide

This layout shows how the slave boxes work in conjunction with the control box, in an extended Miniveyor set up. Miniveyors can be used to move material over long distances, and we frequently provide installations of 100 metres and more. With long Miniveyor installations that can disappear round corners, it is more convenient and safer if all the Miniveyors are started from one position and stopped from any position. A Control Box can start and stop all connected Miniveyors, and subsequent Slave Boxes can stop all connected Miniveyors.



Terminator Plug

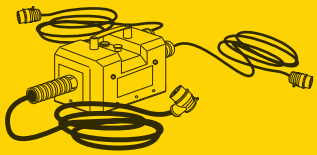
Safety - Operating any Emergency Stop Button on any Slave Box will stop all connected Miniveyors.

Inline Slave Box 230v
An Inline Slave Box is similar to a Inline Control Box, but it takes its signal from the Inline Control Box.

It has controls:
1x Green start lamp.
1x Red Emergency Stop button.
It has cables:
1x 230v (blue) input power cable.
1x 5 core Input Supply cable to the first Miniveyor.
1x 7 core Output Supply.

Simply plug the Input Supply cable into the socket where you would have put the Terminator Plug and then plug the Output Supply cable into the next Miniveyor unit. As usual a Terminator Plug is fitted to the final Miniveyor of the whole system.

3 Phase Power Option
For 3 Phase power an original style Slave Box must be used.



It has controls:
1x White Start lamp
1x Red Emergency Stop Button
1x Reset Button
It has cables/sockets:
1x 3 pin power input socket
1x Input supply socket
1x Output supply cable

All Miniveyor installations will always require one control box.
ALL Control Boxes and ALL Slave Boxes require their own electrical supply of 3 kW with an input voltage not below 210v for 230v units.

Electrical Safety requires the power supply to be fitted with Residual Current Device (RCD) protection.

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