



Operating & Safety Guide

MAKE SURE YOU KNOW HOW TO STOP IT BEFORE YOU START IT!

These instructions are for your protection and convenience. Please read them carefully, there is a risk of personal injury if you do not follow all instructions.

The equipment is designed to be used by able bodied, competent adults who have read and understood these Instructions. Anyone with either a temporary or permanent disability should seek expert advice before using it.



Never use the equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



Do not try to manually lift it without checking the weight and taking proper precautions. Wear practical protective clothing, gloves and footwear, avoiding loose garments and jewellery that could catch in moving parts, tie back long hair. Keep hair, loose clothing, fingers, and all parts of body away from the belt and other moving parts.

SAFETY WARNING THIS EQUIPMENT MUST NOT BE USED TO CARRY PERSONNEL

- Check the condition of the equipment before use. If the equipment fails, or if the power supply cable plug, or control box are damaged, get it repaired.
- Keep children, animals and bystanders away from the work area. DO NOT allow Miniveyor to be used as a toy.
- When using in elevated position where people can walk underneath, additional safety precautions may be necessary to stop material or debris falling on personnel.
- Always switch OFF and disconnect the equipment before making adjustments to it.

ELECTRICAL SAFETY

Keep cables out of harm's way, and clear of damage by others. NEVER run electric cables through water, near heated surfaces, over sharp edges or where they could trip someone or be run over by vehicles.

KEEP THE EQUIPMENT DRY; using electrical equipment in very damp or wet conditions can be dangerous.

DO NOT pull or carry by the cable,

DO NOT use the cable as a handle or handle the plug or cable with wet hands.

DO NOT unplug by pulling the cable; to unplug, grasp the plug not the cable. Extension leads should be fully unwound and loosely coiled, away from the equipment.



To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device).

The Control Box is fitted with a NVR (No Volt Return) switch. The switch will only stay in the ON position if there is a power supply. If the power supply is interrupted, for whatever reason, the switch will move to the OFF position. This Safeguards the user so that when the power is restored the conveyor system will not start without warning.

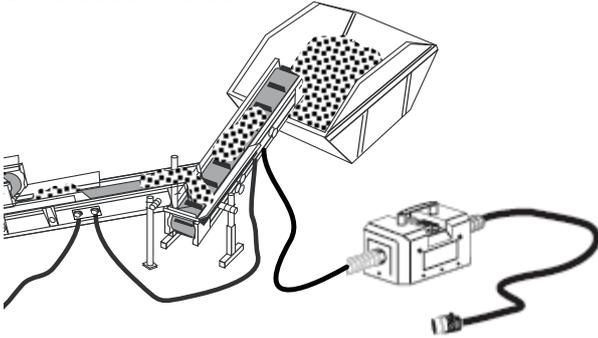
For additional safety Miniveyor utilises a 24 volt safety circuit that runs from the control box, through every Miniveyor to the Terminator Plug and back to the control box. If the safety circuit is NOT complete with every plug and the Terminator Plug fully inserted, the main electrical voltage will NOT be switched on. **If you are in any doubt consult a qualified electrician.**

DO NOT EXCEED THE MAXIMUM PAYLOAD OF 35KG AT 1M SPACING OR 100KG EVENLY SPACED

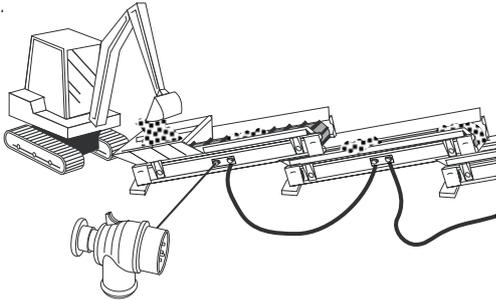
GETTING STARTED

Ensure the Miniveyor system is set in the correct direction of travel required. Each Miniveyor has a label fitted indicating direction of travel. Ensure that the belt surface protected by the side skirt is uppermost. If multiple units are to be used, make sure that the exit point of the first unit overlaps the take-up point of the next by 300mm.

Ensure that the maximum incline does not exceed 30°. Miniveyor units can be supported using steel trestles or scaffold tube. Make sure that the sides are level and that the unit does not rock.



Once positioned connect the link cable from the Control Box to the socket nearest the direction of travel. If only one unit is being used, plug the terminator into the remaining socket.



If however, additional units are being used, connect an Interconnection cable from the remaining socket to the next unit's socket nearest to the direction of travel. Each additional unit should be connected in this way with the terminator plug being fitted to the remaining socket on the last unit.

To run the unit/s, press the GREEN button. To stop press the RED button. Run Miniveyor for 1-2 minutes before loading material onto the conveyor.

In an Emergency press the RED button on the control box or terminator plug.

Once the system is set up and running, you are ready to move material. Loading can be by hand, mini-digger or skid steer loader. Please make sure that you have a suitable hopper at loading end.

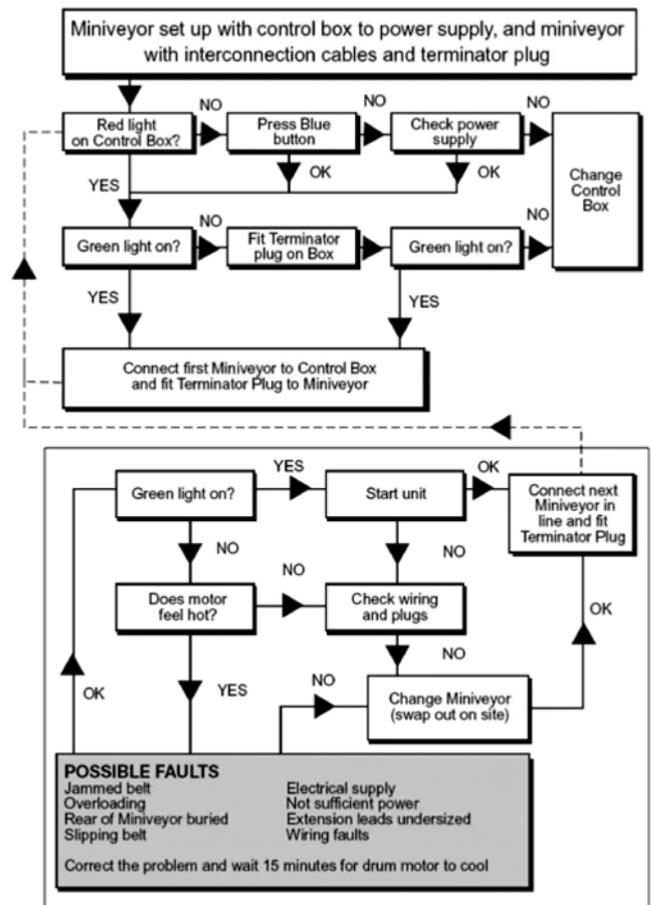
How Many Miniveyors do I need?

Deciding how many Miniveyors is straight forward, however because you will find that Miniveyors are very effective, you will want more units as you appreciate their advantages. Just measure the overall distance you want your material conveyed, then allow one unit for every 2.7 metres, this allows for a 30cm overlap. Each Control Box and each Slave box requires a 3.5kVA / 3.0kW power supply.

For more information on Miniveyor accessories please contact us or visit our website.

TROUBLE SHOOTING

The Miniveyor system cools itself by transferring heat generated in the drum motor to the belt and then to the load. Every motor is fitted with 'over temperature sensors', so it is unlikely that a drum motor will burn out. Instead all Miniveyors connected to the control box will stop as the thermal sensor breaks the safety circuit. Both lights on the control box will only illuminate if the safety circuit is complete. If you have no lights then you have an electrical problem not mechanical.



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