



Super Scooper™ User Guide

Thank you for purchasing your Super-Scooper. The Super -Scooper has been designed as a low cost method of rapidly collecting and transporting horse manure. It has been specifically designed for horse owners who keep horses in smaller paddocks and yards, where grass will normally be relatively short and the need to collect manure is more important. It has not been designed for large paddocks with long grass; however some users will find the Super-Scooper useful there also. Rough surfaces will also limit the effectiveness of the Super-Scooper, and 'scooping' from different approach angles may be needed.

The Super-Scooper should be towed behind an ATV, 4 wheel motorbike, small tractor or ride-on mower. We do not recommend using a car or any other vehicle where a clear unrestricted view of the Super-Scooper is not possible during normal operation.

After use, please wash off any excess manure, and if possible store away under cover. This will help extend the life of your Super-Scooper.

Please read these instructions carefully and learn the sequence of conversion between trailer and scooper modes. Understanding and following this will make changing modes much easier.

1. Fit Wheels: Your Super-Scooper is supplied without the wheels fitted (to simplify transportation). The wheels will need to be fitted before the first use. Place wheels on axels with air valve facing **outwards**, and secure with washer and split pin supplied.



2. Set Tow Hitch Height: Lay the Super-Scooper on a flat surface and insert the draw bar into the drawbar receptacle at the opposite end to the wheels. Move the tow vehicle to the draw bar. The height of the draw bar tow hitch must be adjusted to ensure that the draw bar 'floats' and is not held up, carried or pushed down by the tow vehicle. Adjustment is possible by selecting different mounting holes in the tow hitch. In addition, the entire draw bar can be turned over to gain more adjustment if needed. **The Super-Scooper will only work correctly if it is sitting flat across the ground.**



3. To convert the Super-Scooper into a trailer: Allowing it to be moved into paddock or area for cleaning, and for removal of waste. Firstly, insert the draw bar in the end opposite the wheels, and install lock pin through hole and latch together.



Now go to opposite end of the Super-Scooper and lift and rotate the wheel assembly, so the wheels are now resting on the ground. With one foot to the side of the Super-Scooper, reach forward and hold the frame (hinge bar), place your other foot on the axel and simply push the axel forward, allowing it to roll underneath the tray. This action will do the lifting for you. This should be done in one smooth action, however if attempting this on rough or rutted ground, the wheels may get stuck in a hole, so choose the best place to convert carefully.



Now rotate the spring loaded latch to lock the wheels into place. Hold the drawbar and move the Super-Scooper trailer to the tow vehicle and connect with a tow pin (bolt). Recommended tow bolt is 11-12mm or approx 7/16" diameter X 150mm long, preferably an engine bolt rather than a light duty coach bolt that may be easily bent under load. The Super-Scooper can now be used as a trailer for transporting into areas to be cleaned, removal of waste and for general gardening transport applications.



4. Setting up for Scooping: As a trailer, tow the Super-Scooper into the paddock to be cleaned. Park with the open end of the scoop (which is currently at the very back) facing the direction you wish to scoop in (so at this time, the tow vehicle will be facing away from the direction you will be scooping in). Unhitch the drawbar from the tow vehicle and move the tow vehicle away a little to create some room.

Unlatch the wheel lock by lifting and rotating. Standing at the side of the Super-Scooper, hold the frame (hinge bar) and lift. At the same time kick or swing the wheels out from under the Super-Scooper, allowing it to then sit flat on the ground. Now swing the wheel assembly through a ¼ turn so they are now on top of the Super-Scooper.



Remove the lock pin which holds the drawbar in place and remove the drawbar.



Now insert the draw bar in the OPPOSITE end, where the open scoop is, and reinstall the lock pin.



Now move the tow vehicle around to the draw bar, connect and start towing and collecting manure!



5. Scooping up Manure: Travel at brisk walking pace speed around the paddock scooping up the manure. It is best to carry a square mouthed spade or rake with you (on the Super-Scooper), to help to push the large accumulation of manure to the rear of the Super-Scooper, freeing up the front accumulation area. For easy access for a spade or rake, simply swing the wheels over while it is still connected to the tow vehicle, but remember to return them before towing again.

Pushing the manure to the back is needed more often with wet or fresh manure, as it tends to stick to the scoop and is much heavier. Dry manure is easier to collect, and tends to roll to the back much more readily.

Be conscious of your own strength and limitations when loading the Super-Scooper, particularly with wet or fresh manure, as it can be very heavy, making the handling and emptying of a fully loaded Super-Scooper difficult.

Be careful going over rough ground or areas with fixed obstructions like trees and rocks. If you are travelling at high speed and the scoop gets caught on a solid object such as a rock, stump or fence post, something may break or you could come to a very rapid stop. A quick release coupling will be available in 2009, that can be optionally supplied for these situations, allowing decoupling before damage is done.

6. To Empty: Disconnect the Super-Scooper from the tow vehicle. Push the manure to the back of the scoop, either by spade / rake or by lifting the draw bar tipping manure backwards. As in step 3 above (To convert the Super-Scooper into a trailer), reconfigure the Super-Scooper into a trailer, connect to tow vehicle and take away to dump location.

To empty, disconnect from tow vehicle and lift drawbar so it is completely vertical, tipping the contents out with the same action that is commonly used on a wheelbarrow.



Super-Scooper is a product of Phase Changer Pty Ltd, Longwarry, Victoria, Australia.

Super-Scooper was designed by Mark Bridgman and has patents (current or pending) in Australia, New Zealand and the UK. Super-Scooper is a registered trade mark. For further information or assistance with the Super-Scooper, please contact Phase Changer Pty Ltd on (+61 3 56299799) or via our website www.super-scooper.net



Super Scooper™ Warranty Terms & Conditions

Super Scooper™ units are constructed to rigid quality control standards and should provide reliable service for many years. We provide a One Year standard warranty on all *Super Scooper* units from their date of purchase. Should an equipment failure occur, Phase Changer P/L and its network of distributors will work hard to restore operation effectively and in reasonable time. This may entail telephone support to the owner of the unit, a visit by service staff, or it may require that the unit be shipped back to the distributor for service. *Super Scooper* units are used in situations where the operation & location of the units are beyond our control; hence several limitations apply to our warranty.

Warranty voiding through the inappropriate use of the product

- While our sales consultants will endeavour to make recommendations about the suitability of *Super Scooper* units for an individual customer or specific situation, it remains the responsibility of the customer to ensure that the *Super Scooper* is appropriate for their needs. For example, should a *Super Scooper* unit be used for the removal of stones & gravel, cow manure, or tree branches, then there would be no guarantee of product performance and effectiveness in these situations.
- Correct towing and re-configuration between Scoop-tray and Trailer modes of operation remains the responsibility of the customer. *Super Scooper* units must be coupled to a towing vehicle, operated and maintained using the notes provided. This warranty may be rendered void where *Super Scooper* units are not operated or maintained to the standards defined in the Operating Manual.
- Where a *Super Scooper* unit has been damaged by way of a collision with another object or animal, then any resultant damage would not be covered by this warranty. Where operation of the *Super Scooper* unit inflicts damage to fixed objects or animals, or affects a surface over which the unit has been dragged or towed, then any resultant damage to these objects, animals or surfaces would not be covered by this warranty.
- The *Super Scooper* unit has a max. carrying load of 60 kilograms, which is within the scope of carrying a full load of animal waste or two small hay bales. Any damage to a *Super Scooper* unit caused by overloading beyond this level is not covered by this warranty.

Negative impact upon the towing vehicle.

- *Super Scooper* units are intended to be towed by ride-on lawnmowers or quad bikes of sufficient mechanical strength. As the manufacturer of the *Super Scooper* product has no control over the specific brand, type or condition of the towing vehicle being used, therefore this warranty is not extended to cover any damage or impairment to the towing vehicle

Safety

- No persons or animals should ever be transported or conveyed within a *Super Scooper* unit. This applies to the product in both the Scoop-tray and Trailer modes of operation.
- The *Super Scooper* unit uses moving parts as an integral part of its operation. Any persons operating this unit must first read and understand the correct methods of operation as described in the user guide.
- A *Super Scooper* should not be used or un-hitched in very steep terrain, where the angle is greater than 25° above horizontal.
- *Super Scooper* units should not be operated by persons affected by known medical conditions or small physical stature where the act of lifting, pushing, pulling any part of this equipment will cause or exacerbate a deterioration in their physical health and wellbeing.
- While a 60kg maximum applies to the carrying capacity of a *Super Scooper* unit to prevent equipment damage through overloading, a lower carrying threshold must be observed where young persons or persons of smaller physical stature are manipulating this equipment. The operator should not lift or manipulate a *Super Scooper* unit if this action causes any strain or discomfort.
- When an operator is emptying or unloading the contents of a *Super Scooper* unit it is incumbent upon this operator to ensure that no person, object or animal will be within a radius of reach of any part of this equipment during this process.
- While the primary function of the *Super Scooper* product is the collection of horse waste, the operator must ensure that any animals in the same proximity as where the *Super Scooper* is operating should be given a sufficient radius of clearance so that animals will not be panicked or upset by the presence of the Scoop tray, the operator or the towing vehicle. This equipment must not be used in places where a likelihood of frightening or stressing an animal exists.

Replacement parts

- Unless prior arrangements have been made with Phase Changer P/L. or its Distributors, or specific service instructions have been provided, the following policy applies to all replacement parts provided under warranty for *Super Scooper* products.
- Should any replacement parts be sent to a customer location, they will be sent via regular freight or mail services free of charge. If use of a premium courier or express postal service is requested by the customer, this may incur a separate fee.
- Replacement parts are sent on strictly on an *Exchange Basis Only*. Defective or unused parts must be returned within 14 days of receiving the replacement part. Failure to do so will cause an invoice to the full value of the parts to be sent to the customer. Further warranty support may be suspended until this invoice is paid up, or the new parts returned to the Phase Changer distributor.

Transport Policy

- *Super Scooper* units are by their nature heavy and expensive to transport. Should a defective unit be returned to the manufacturer and the cause of the fault be positively identified as being beyond normal operating conditions as described in this document, transport and service costs may be charged to the owner at a contemporary market rate.
- Unless prior arrangements apply, the costs of transporting equipment returned to Phase Changer or its distributor shall be borne by the customer. Serviced equipment being *returned* to the customer will be sent free of charge
- If any *Super Scooper* equipment is being returned to an authorised Phase Changer service location it is incumbent on the owner of the equipment to ensure that the equipment is suitably packed for transport and that the goods are insured against any damage or loss that may occur while the equipment is in transit.

Limitations of Third Party Servicing

- Phase Changer P/L and its distributors shall not be liable for costs of service work or travel expenses incurred by third parties except where these arrangements have been approved in advance. If service work is to be attempted by a third party, a full quotation should be obtained in advance and forwarded to a Phase Changer representative. This is necessary to ensure that any warranty service work delegated to an external agency or person, must be done at a reasonable rate by competent service staff.