



BOX SCRAPER & LAND PLANE

OPERATORS MANUAL

Kanga Farm Equipment is manufactured and/or distributed in Australia by Farm Implements P/L. Farm Implements is an Australian owned and run company, and we would like to thank you for buying one of our KANGA FARM EQUIPMENT implements.

Kanga Farm Equipment has designed and manufactured three-point linkage implements to handle the harsh Australian Conditions, since 1982. Kanga Farm Equipment Implements are backed with a 12-month comprehensive warranty, against faulty workmanship and/or materials, under normal working conditions and service.

Consumers are advised that your warranty may be considered void if any damaged to the implement is caused by operator abuse, neglect, or if any unauthorized modifications have been made.

Farm Implements P/L and its Distributors/Dealers are not responsible for any transportation cost incurred in the repair or replacement of parts in either a successful or non-successful warranty claim and we wish to advise that consumers who wish to lodge a claim MUST follow the procedures set out in our Warranty Registration and Installation Form which complies with 'Australian Consumer Law' and Schedule 2 of the Competition and Consumer Act 2010 (Cth).

The information contained in this manual was current at the time of printing and has been compiled especially to assist you with the Implement that you have purchased.

*It is of the utmost importance that you read this manual, understand the context and **carry out a risk assessment** before operating the implement.*

Please be aware that in an effort to bring you better products we are always implementing continuous improvements that may change the designs and specifications of the Implement. In doing this, Farm Implements P/L together with its Dealers and Distributors are under no obligation to implement these changes, free of charge, on any previously delivered Implement.

TO THE DEALER

Assembly and proper installation of this product is the responsibility of the reseller/dealer. The onus is also in the dealer to complete the Warranty Registration & Installation Form in conjunction with the customer before releasing the implement to them.

Both dealer and customer must sign the registration form, which certifies that all Dealer Checklist items have been completed and then returns a copy of the Warranty Registration & Installation Form to Farm Implements P/L. Reminders about Warranty Registration that have not been returned will be sent out to demonstrate that reasonable attempts have been made to ensure dealers complete risk assessment and pre-delivery obligations.

TO THE OWNER

Read this manual before operating your KANGA FARM EQUIPMENT implement. The information presented will prepare you to do a much better and safer job. Keep this manual handy as a reference. Ensure you carry out and keep up to date a Risk Assessment and that all operators read the manual carefully and become acquainted with the adjustments and operating procedures before attempting to operate. Keep a record of the risk assessment and that the operator has read and understands the correct operating procedures as outlined in this manual.

The implement you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require a routine cleaning, upkeep and maintenance. Lubricate the implement as specified. Observe all safety information in this manual and safety decals on the implement.

Throughout this manual, the term **IMPORTANT** is used to indicate that a failure to observe can cause damage to the equipment. The terms **CAUTION**, **WARNING** and **DANGER**, are used in conjunction with the Safety-Alert Symbol (triangle with an exclamation mark) to indicate the degree of risk to your safety.



This Safety-Alert Symbol indicates a hazard and means ATTENTION! BE CAREFUL! YOUR SAFETY IS INVOLVED!



DANGER indicates an imminently hazardous situation, which if not avoided, will result in death or serious injury.



WARNING indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation, which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

GENERAL INFORMATION

The purpose of this manual is to assist you in operating and maintaining your KANGA implement. Read it carefully. It provides information and instructions that will help you achieve years of dependable performance. These instructions have been compiled from extensive field experience and engineering data. Some information may be general in nature due to the unknown and varying operating conditions. However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation.

The illustrations and data used in this manual were current at the time of printing, but in an effort to bring you better products we are always implementing continuous improvements that may vary your implement slightly in detail. We reserve the right to redesign and change the machine as may be necessary without notice.



Some illustrations in this manual show the Safety Shields removed to provide a better view. The implement should never be operated with any safety shielding removed.

Throughout manuals, references are made on right and left direction. This is determined by standing behind the equipment facing the direction of forward travel. Blade rotation is as if viewed from the top.



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SPECIFICATIONS

LD RANGE BOX SCRAPER



Model	K120BS	K180BS	K240BS
Size	1.2m 4ft	1.8m 6ft	2.4m 8ft
Linkage	Category 1		
Linkage Type	Double clevis		
Mouldboard height	430mm		
Cutting Edges	2 (1x forward facing 1 x rear facing)		
Side wall	4mm		
# of tines	4	6	8
Tine material	High tensile steel		
Overall width	1230mm	1830mm	2440mm
Weight	150kg	205kg	290kg
Tractor Hp	15-30	20-40	30-50

HD RANGE BOX SCRAPER



Model	K210HDBS	K240HDBS
Size	2.1m 7ft	2.4m 8ft
Linkage	Category 2	
Linkage Type	Double clevis	
Mouldboard height	700mm	
Cutting Edges	2 (1x forward facing 1 x rear facing)	
Side wall	10mm	
# of tines	7	8
Tine material	High tensile steel	
Overall width	2160mm	2465mm
Capacity	0.85m ² 30ft ³	0.95m ² 33.5ft ³
Weight	490kg	550kg
Tractor Hp	45-120	60-120

LAND PLANES



Model	KLP150	KLP210
Size	1.5m 5ft	2.1m 7ft
Linkage	Category 1	
Linkage Type	Double clevis	
Cutting Edges	2 (forward facing and angled)	
# of tines	4	6
Tine material	High tensile steel	
Overall width	1520mm	2130mm
Weight	233kg	293kg
Tractor Hp	20-40	35-75

SAFETY RULES & ACCIDENT PREVENTION



ATTENTION! BE CAREFUL! YOUR SAFETY IS INVOLVED!



Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by a single careless act of an operator.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

It has been said, *“The best safety device is an informed, careful operator.”* We ask you to be that kind of operator.

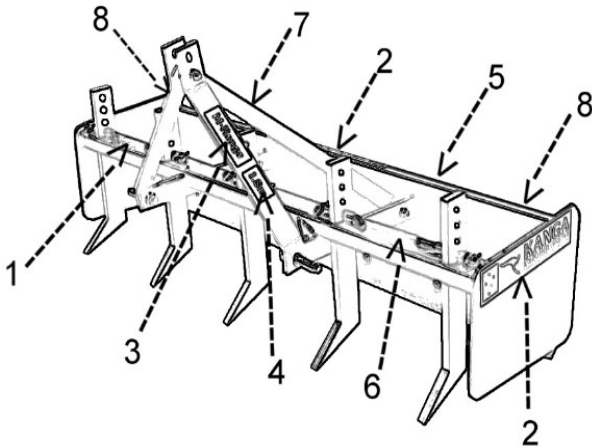
- **Customers MUST carry out a Risk Assessment or “HazCheck” on every implement on their property.**
- **Safety instructions are important! Read all attachments and unit manuals; follow all safety rules and safety decal information. Failure to follow instructions can result in serious injury or death.**
- **If you do not understand any part of this manual and need assistance the Department of Agriculture, Occupational Health & Safety Offices, any Agricultural School or college and your local dealer should be able to direct you on where you can receive appropriate training. No operator however experienced in farm machinery operation they may be, should attempt to use any piece of machinery that they have not been competently trained to use.**
- **Keep hands and body away from pressurised lines. Use paper or cardboard, not hands or other body parts to check for leaks. Wear safety goggles. Hydraulic fluid (oil) under pressure can easily penetrate the skin and will cause serious injury or death.**
- **Make sure that all operating and service personnel know that if hydraulic fluid (oil) penetrates the skin, it must be surgically removed as soon as possible by a doctor familiar with this form of injury or gangrene, serious injury or death will result. CONTACT A PHYSICIAN IMMEDIATELY IF FLUID ENTERS SKIN OR EYES. DO NOT DELAY.**

- Know your controls and how to stop quickly in an emergency.
- Operators must be instructed in and be capable of the safe operation of the equipment and all controls. Do not allow anyone to operate this equipment without proper instruction.
- Do not allow children or untrained persons to operate equipment.
- Check that all hardware is tight and properly installed.
- Always wear relatively tight fitted clothing to avoid entanglement in moving parts. Wear heavy-duty, rough-soled boots and protective equipment for eyes, hair, hands, hearing and head.
- Ensure implement is properly attached, adjusted and in good condition so that it can be operated safely.
- Tractors MUST be fitted with Roll Over Protection Structure (ROBS) or ROBS Cap. It is also advisable that your tractor is fitted with a seatbelt, where fitted it must be worn at all times. Falling from your tractor can result in death from being run over or crushed. If your tractor is fitted with a folding ROBS, keep it in the “locked up” position at all times.
- Inspect chains, shackles, deflectors and any wear parts for damage. Replace if damaged.
- Remove any debris that has accumulated on the implement, tractor or engine to a prevent a fire hazard.
- Ensure all safety decals are installed. Replace if damaged.
- A minimum 20% of tractor and equipment weight must be on the tractor’s front wheels with an implement in the transport position. Without this weight, tractor could tip over causing personal injury or death. The weight may be attained with a loader, front wheel weights, and ballast in the tires or front tractor weights. When attaining the minimum 20% weight on the front wheels, you must not exceed the ROPS max ballasted mass certificate. Weight the tractor and implement. Do not estimate.
- Watch for hidden hazards during operation and avoid any objects that could cause injury or damage.
- Inspect operating area, remove where possible any stones, branches or foreign objects that may cause injury or damage. It is very important to always watch for foreign objects in the area you are operating and avoid any that could cause injury or damage.
- When working in populated areas always place signs in the area to alert people or vehicles that may pass. Operation must be stopped when anyone comes within 50 meters.
- Keep all people and animals away from the implement during start up, operating and when stopping.
- Do not operate the implement or tractor while under the influence of drugs or alcohol.
- Operate only in daylight or good artificial light.
- Keep hands, feet, hair, and clothing away from moving parts while engine is running.
- Do not carry persons or objects on the Implement or tractor during work or while in transit.
- For transportation on public roads the operator must ensure that the tractor and implement complies with current State/Federal laws and the operator must adhere to all road traffic regulations in force in their state.
- Always operate equipment from the seat of the tractor with the seat belt securely fastened especially when operating controls or starting engine. Place transmission in neutral, engage break and ensure all other controls are disengaged before starting tractor engine.
- Look down and to the rear and make sure area is clear and safe before operating in reverse.
- Do not operate on steep slopes. If in doubt set rear axles wider for moderate slopes.
- Do not stop, start or change directions suddenly on slopes’, working up and down is preferred.
- Use extreme care and reduce ground speed on slopes and rough terrain.
- Stop implement, then tractor, immediately upon striking an obstruction. Turn off engine, remove key, inspect and repair any damage before resuming operations. Always block implement when inspecting.
- Before commencing any adjustment, maintenance, or cleaning. Always switch off the tractor engine, remove key and wait until all moving parts have come to a complete stop, then ensure the machine is on the ground or on a robust secure support.
- Before dismounting tractor or performing any service or maintenance lower the 3-point linkage and any other raised components (i.e. loader bucket) to the ground. Operate valve levers to release any hydraulic pressure, stop engine, set parking brake, remove key and unfasten seat belt.
- Never place any part of the body underneath the implement or between moveable parts. Hydraulic systems can “creep” (i.e. slowly lower). They may fail or movement of the control levers can cause the implement to drop or rotate unexpectedly causing severe injury or death. Follow Operator’s Manual instructions for working on your implement or have servicing carried out by a qualified dealer.
- During routine checks and/or repairs ensure that no one can switch on the tractor or Implement accidentally. Keep the key to the tractor in your pocket.
- For your own safety and that of others and to avoid forfeiting your warranty, use only original spare parts.

- Do not modify/alter or permit anyone else to modify/alter the implement or any of its components.
- Ensure implement is properly attached, adjusted and in good operating condition.
- Frequently check cutting edge blade. It should be free of nicks and cracks and securely fastened.
- Do not handle cutting edge blades with bare hands. Careless or improper handling may result in injury.
- Always use genuine Kanga cutting edges. Your dealer can supply you with genuine replacement parts.
- Firmly tighten all nuts, bolts, screws and shackles before operating. If worn/damaged replace immediately.
- Keep children and bystanders away from storage area.
- Kanga Farm Equipment accepts no responsibility or liability for any losses, injuries or damages that may result from failing to observe these safety rules and the safety decals on the implement.



SAFETY RULES & ACCIDENT PREVENTION
ATTENTION! BE CAREFUL! YOUR SAFETY IS INVOLVED!



1 – Serial Number Plate



2 – Kanga Logo



3 – Model Decal (i.e. S, M, H, etc)

M-Range

4 – Size Decal **1.5m**

5 – Safety Decal



6 – Safety Decal



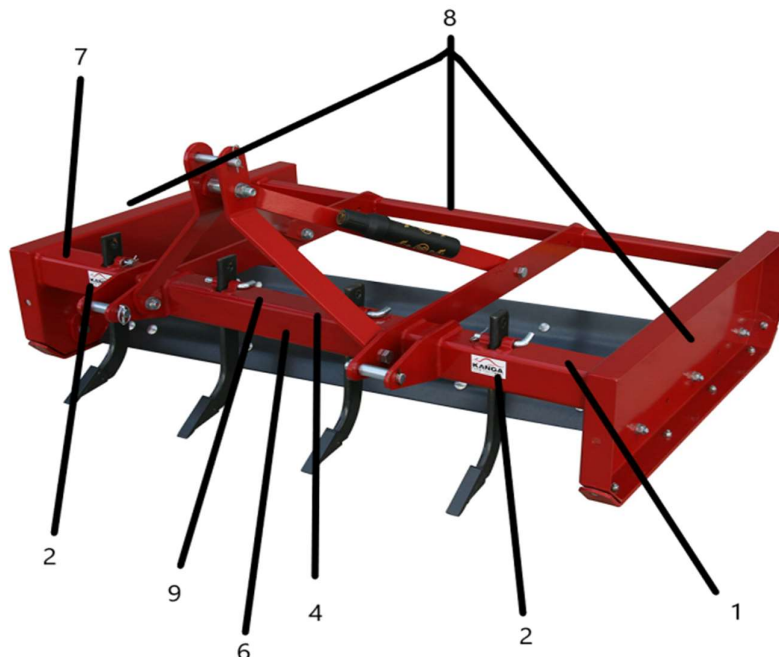
7 – Safety Decal



8 – Safety Decal



9 – Safety Decal



OPERATION

Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by a single careless act of an operator.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

It has been said, *“The best safety device is an informed, careful operator.”* We ask you to be that kind of operator.

The operator is responsible for the safe operation of this implement. The Operator must be properly trained. Operators should be familiar with the implement and tractor and all safety practices before starting operation. Read the safety rules and safety decal information on pages 5 & 6.

This equipment is designed for a wide range of applications like scrapping, levelling, grading and backfilling.

WARNING

- Do not allow children or untrained persons to operate this implement
- Keep all people and animals away from the implement during start up, operating and when stopping.
- Keep all persons away from the operator control area when performing adjustments, service or maintenance.
- Never place any part of the body underneath the implement or between moveable parts even when the engine has been turned off. Hydraulic systems can “creep” (i.e. slowly lower). They can fail, or movement of the control levers can cause the implement to drop or rotate unexpectedly causing severe injury or death. Follow Operator’s Manual instructions for working on your implement or have servicing carried out by a qualified dealer.
- Keep all persons away from operators control area while performing adjustments, service or maintenance.
- Service work does not require going underneath this implement. Read Operators Manual for service instructions or have work carried out by a qualified dealer.
- No passengers on this equipment.

DANGER

- When operating along roads, pathways or highly populated areas always place signs in the area to alert people or vehicles that may be passing. Operation must be stopped when anyone comes within 50 meters.

CAUTION

- Stop implement, then tractor, immediately upon striking an obstruction. Turn off engine, remove key, inspect and repair any damage before resuming operations.
- Always wear relatively tight fitted clothing to avoid entanglement in moving parts. Wear heavy-duty, rough-soled boots and protective equipment for eyes, hair, hands, hearing and head.
- A minimum 20% of tractor and equipment weight must be on the tractor’s front wheels with implement in transport position. Without this weight, tractor could tip over causing personal injury or death. The weight maybe attained with a loader, front wheel weights, and ballast in the tires or front tractor weights. When attaining the minimum 20% weight on the front wheels, you must not exceed the ROPS max ballasted mass certificate. Weight the tractor and implement. Do not estimate.

ATTACHING TO THE IMPLEMENT

WARNING

- When connecting the tractor to the implement never stand in between the tractor and the implement and always find somewhere level or flat.
- The implement you have purchased should not be mounted on tractors greater than that specified in the “Specifications” section of this manual.
- Always adjust the tractor lower linkage arms anti-sway devices to prevent implement from swinging from side to side during transport and operation. Failure to do so may result in serious injury or damage. Damage like bent and twisted implement towers are **NOT** covered by warranty.
- Before dismounting tractor or performing any service or maintenance lower the 3-point linkage and any other raised components (i.e. loader bucket) to the ground. Operate valve levers to release any hydraulic pressure, stop engine, set parking brake, remove key and unfasten seat belt.
- During routine checks and/or repairs and changing implement settings, ensure that no one can switch on the tractor or Implement accidentally. Keep the key to the tractor in your pocket.

Remove tractor drawbar to eliminate interference with the implement. Attaching the implement will be via the hitch pins supplied to the lower link arms of the tractor and securing with lynchpin as well as the tractor top link to implement top clevis.

1. Ensure the lower 3-point lift arms of the tractor are not rigid and can move laterally but not excessively.
2. Slowly reverse the tractor towards the implement and align the tractor’s 3-point linkage arms to the hitch points on the implement.
NB: you can raise and lower the tractor linkage arms via the controls on the tractor.
3. Make a final alignment so that the lower linkage arms are in the middle of the double clevis mounting point.
4. Turn off the tractor, set the park brake and move to the rear of the tractor.
5. Attach the implement to the tractor by sliding the lower link pin through one of the double clevis mounting brackets, then through the hole in the end of the tractor’s 3-point linkage arm and then through the second of the double clevis mounting point. Secure the pin by fixing the lynch pin in the hole that is in the end of the lower linkage pin.
6. Next you will need to connect the adjustable rigid top link to the implement. Again the top link should be in the middle of the double clevis bracket and secured with the pin and lynch pin.
NB: the top link is adjustable and can be lengthened or shortened.
7. Return to the tractor seat and follow the tractor’s start procedure. Once the tractor is ready, slowly lift the implement via the hydraulic lower linkage control paying close attention to the implement.
It is at this time you need to raise and lower the implement slowly to ensure that it cannot hit or fowl causing damage to the tractor or implement.

GENERAL OPERATING

IMPORTANT

- Vibration tends to loosen bolts during operation. All hardware should be checked regularly. It is good practice to check implement before each operation to ensure all hardware is secure.
-

WARNING

- Do not operate on steep slopes. If in doubt set rear axles wider for moderate slopes.
- Do not stop, start or change directions suddenly on slopes, working up and down is preferred.
- Use extreme care and reduce ground speed on slopes and rough terrain.
- Watch for hidden hazards on the terrain during operation and avoid any hazards or object that could cause injury or damage.
- Pass diagonally through sharp dips and avoid sharp drops.

Once you have familiarised yourself with the Operator’s Manual, completed the Pre-Operation Checklist and securely attached the Kanga implement to your tractor, you are now almost ready to begin work. Box Scrapers and Land Planes are ideal for ripping, levelling, finish grading and backfilling applications in small feedlots, outdoor arenas, on-farm lanes and roads.

The primary purpose of this implement is for grading and levelling. This function is best done at an approximate speed of 1–6 km/h.

Rippers should only be used initially to break up the compaction. Once this has been done, the rippers tines should be raised or removed.

To operate a Box Scraper or Land Plane, lower the implement to the ground and proceed forward. The cutting edge should immediately begin shaving the soil surface, and dirt should begin accumulating.

With a Box Scraper, the soil (dirt) will be contained in the 'box'. This allows you to transfer material (by dragging it) to a nearby location where you can deposit the accumulated load (by raising the 3 – Point Linkage on the tractor).

With a Land Plane the stone and gravel will accumulate and eventually spill over the cutting edge. In doing so the larger stone and gravel is left on top as the surface while the dirt and smaller particles form a base.

If the ground surface is hard and requires ripping remember that the deeper you try to rip, the more power that will be required from the tractor. It is better to make multiple shallow rips than to put maximum loads on the tractor and/or implement. Achieving the desired effect will require a little experimentation in your given conditions.

Box Scrapers generally perform better in dry to slightly damp soil conditions.

Land Planes require time. You will not get a perfect drive in one pass. Operate up and down the drive making sure you use the angle of the cutting edges to level out the edges, bring that gravel and stone into the middle of the drive. Land Planes are only designed to be operated while traveling in a forward direction.

Box Scrapers can be used for back blading (backfilling). To backfill, lower the scraper and reverse the tractor so the rear (outward facing) cutting edge is in line with the pile of material. Then, slowly pushing it into the desired location. You will have to follow a similar operating procedure like is you were going forward, taking a little at a time. Trying to backfill large quantities will stall the tractor as well.

For both Box Scrapers and Land Planes to function as designed, it may be necessary to adjust the angle (level/pitch) of the implement. This adjustment is done via the adjustable top link supplied with the tractor. Always make sure the adjustment is done on a level surface. Make regular small adjustments rather than a big adjustment that results in grading an extensive amount of material.

REMOVING IMPLEMENT FROM TRACTOR

Using the tractors' controls, lower the implement all the way to the ground. Turn of tractor ignition and remove key. Firmly apply park brake, remove seatbelt (if fitted) and dismount the tractor. Block implement securely for storage with robust secure support, remove lower linkage pins. Slowly move tractor away from implement checking that implement will not fall from blocking.

DAILY PRE-OPERATION CHECKLIST

(Operators Responsibility)

- Operators MUST carry out a Risk Assessment and/or "HazCheck" for the implement and ensure it is correct for the conditions the implement will be operating.
- Review and follow safety rules outlined in this manual
- Check that implement is properly and securely attached to the tractor
- Check all hardware (i.e. bolts, nuts, shackles, chains, etc.) are properly installed, secured and in good condition.
- Check cutting edge
- Ensure tractor transmission is in neutral before starting engine.
- Inspect area that you will be operating in and remove any object that may cause injury or damage.

MAINTENANCE

WARNING

- Before dismounting the tractor or performing any service or maintenance lower the 3-point linkage and any other raised components (i.e. loader bucket) to the ground. Operate valve levers to release any hydraulic pressure, stop engine, set parking brake, remove key and unfasten seat belt.
- Never place any part of the body underneath the implement or between moveable parts even when engine has been turned off. Hydraulic systems can “creep” (i.e. slowly lower). They can fail or movement of the control levers can cause the implement to drop or rotate unexpectedly causing severe injury or death. Follow Operator’s Manual instructions for working on the implement or have servicing carried out by a qualified dealer.
- During routine checks and/or repairs, ensure that no one can switch on the tractor or implement accidentally. Keep the key to the tractor in your pocket.
- Service work does not require going underneath this implement. Read Operators Manual for service instructions or have servicing carried out by a qualified dealer.

CAUTION

- Always wear relatively tight fitted clothing to avoid entanglement in moving parts. Wear heavy-duty, rough-soled boots and protective equipment for eyes, hair, hands, hearing and head.

Cutting Edge – Replace when worn. Always check nuts and bolts are tight. Depending on the model purchased the cutting edge may be reversible.

Hardware – Periodically check implement for loose or missing hardware. Replace any missing hardware and tighten any loose hardware as required.

BLOCKING METHOD

To minimise the potential hazards of working underneath the implement, these procedures must be followed.

WARNING

- Never place any part of the body underneath the implement or between moveable parts even when engine has been turned off. Hydraulic systems can “creep” (i.e. slowly lower). They can fail or movement of the control levers can cause the implement to drop or rotate unexpectedly causing severe injury or death. Follow Operator’s Manual instructions for working on your implement.
- During routine checks and/or repairs, ensure that no one can switch on the tractor or Implement accidentally. Keep the key to the tractor in your pocket.
- Service work does not require going underneath this implement. Read Operators Manual for service instructions.

Jack stands with a load rating of 1000lbs or more are the only approved blocking devices for this implement. Do not position jack stands under wheels, axles or wheel supports as components can rotate and cause implement to fall. When blocking, you must consider the overall stability of the implement. Just placing jack stands under the unit will not ensure your safety. The working surface must be level and solid to support the weight of the jack stands. Ensure jack stands are stable both top and bottom, and implement is approximately level. With full implement weight lowered onto jack stands, test blocking stability before working underneath implement.

Implement should be properly and securely attached to the tractor (see operating section), the brake firmly set, key removed and both front and rear tractor wheels securely blocked.

ASSEMBLY INSTRUCTIONS

⚠ WARNING

- Before dismantling tractor or performing any service or maintenance lower the 3-point linkage and any other raised components (i.e. loader bucket) to the ground. Operate valve levers to release any hydraulic pressure, stop engine, set parking brake, remove key and unfasten seat belt.
- Never place any part of the body underneath the implement or between moveable parts even when engine has been turned off. Hydraulic systems can “creep” (i.e. slowly lower). They can fail or movement of the control levers can cause the implement to drop or rotate unexpectedly causing severe injury or death. Follow Operator’s Manual instructions for working on your implement or have servicing carried out by a qualified dealer.
- During routine checks and/or repairs, ensure that no one can switch on the tractor or Implement accidentally. Keep the key to the tractor in your pocket.
- Service work does not require going underneath this implement. Read Operators Manual for service instructions

⚠ CAUTION

- Always wear relatively tight fitted clothing to avoid entanglement in moving parts. Wear heavy-duty, rough-soled boots and protective equipment for eyes, hair, hands, hearing and head.

Assembly of this implement is the responsibility of the KANGA FARM EQUIPMENT dealer. It should be delivered to the new owner completely assembled, lubricated and adjusted for normal conditions.

To assemble a Box Scraper or Land Plane, attach the Tower to the main frame section with the bolts provided and firmly secure.

Complete dealer checklist when the assembly is complete.

Agricultural Machinery Product OHS Compliance Form

We, Farm Implements P/L (formally Gavhall P/L t/as Kanga Farm Equipment)
 Of, 12 Tarmac Way
 Pakenham, Victoria, Australia, 3810
 Tel: 03-9706-5166
 Email: sales@farmimplements.com.au

Confirm that the following machine(s)

Kanga Box Scraper

have had a hazard identification, risk assessment and risk control procedure carried out on a representative model of the aforementioned product(s) in accordance with the Occupational Health and Safety requirements of all states and territories of Australia and were found necessary the appropriate risk control measures have been incorporated in the product specifications.

The Operators Manual contains the necessary Health and Safety information and safety warnings decals are applied to the product where necessary.

Product Description: Box Scraper
 Land Plane

Model Number(s): Product Code(s)
 K120BS (previously 48500), K180BS (previously 49000) and K240BS (previously 49500),
 KLP150 and KLP210
 K210HDBS and K240HDBS



Name: Bruce J Alcott
 Position: Managing Director

Date: 01 / 10 / 2004
 (Updated: 01/08/2023)

Details of the unit assessed for the purpose of compliance were

Implement:	LD Range Box Scraper	HD Box Scraper	Land Plane
Model:	K120BS	K210HDBS	KLP180
Size:	1.2m 4ft	2.1m 7ft	1.8m 6ft
Serial #:	1140904	620923	LP180-PROTO
Date of Inspection:	15/09/2004	01/08/2023	12/09/2018
Location:	16 Cahill Street, Dandenong	12 Tarmac Way Pakenham	12 Tarmac Way Pakenham



12 Tarmac Way
Pakenham, Victoria
Australia, 3810
03-9706-5166
sales@farmimplements.com.au