OPERATING INSTRUCTIONS

FLEXTOOL TUFFTRUK®
EB800

Version 1.0 (September 2024)

FOR MORE INFORMATION VISIT flextool.com.au

Declaration Of Conformity

GB DECLARATION OF CONFORMITY

We, Tufftruk Ltd, Sheen, nr. Buxton, Derbyshire, SKl7 OEU, GB, hereby certify that, if the product described within this certificate is bought from an authorized Tufftruk dealer within GB, it conforms to the following UK directives (including amendments):

- S1 2008 1597 Machinery Directive
- S1 2016 1091 Electromagnetic Compatibility Regulations
- S1 2013 3113 Waste Electrical and Electronic Equipment Regulations
- S1 2016 1101 Electrical Equipment (Safety) Regulations
- S1 2001 1701 Noise from Equipment for use Outdoor Regulations

Harmonized Standards taken into consideration (including amendments):

- BS EN ISO 12100-1:2010 Safety of machinery
- BS EN 474-1 Earthmoving machinery. Safety - General requirements
- BS EN 474-6 Earthmoving machinery. Safety – Requirements for Dumpers

- Per S1 2001 1701 Noise from Equipment for use Outdoor Regulations
- Managing director at the Tufftruk Ltd Head Office address above keeps the technical documentation

- Conformity assessment procedure followed: Schedule 9
- Notified Body: AnP Certification Ltd, 2, Parkfield Str. M14 4PN, Manchester, UK

- Per S1 2008 1597 Machinery Directive, person authorized within GB to compile the documentation: Tufftruk Ltd, Sheen, nr. Buxton, Derbyshire, SKl7 OEU, GB

Equipment Category: Wheeled Pedestrian Power Barrow / Mini Dumper				
TRUXTA Model	Power - kW	Measured Sound Power Level - dB(LWA)	Guaranteed Sound Power Level - dB (LWA)	Serial No
EB300	1.2	80	82	
EB300PT	1.2	80	82	
EB300PTP	1.2	80	82	
EB500	1.5	78	81	
EB500PT	1.5	78	81	
EB500PTP	1.5	78	81	
EB800PT	2.8	80	82	
B300G/Q300G	3.6	96	98	
B450G/Q450G	4.1	96	98	

Place of Declaration	Address	Date	Signed by	Position in Company	
Tufftruk Ltd	See above		Andrew Simpson	Managing Director	

800-19011

GB

Declaration Of Conformity

EU DECLARATION OF CONFORMITY

We, Tufftruk Ltd, Sheen, nr. Buxton, Derbyshire, SKI7 OEU, GB, hereby certify that, if the product described within this certificate is bought from an authorized Tufftruk dealer within the EU, it conforms to the following European directives (including amendments):

- 2006/42/CE Machinery Directive
- 2014/30/EU Electromagnetic Compatibility Directive
- 2012/19/UE Waste Electrical and Electronic Equipment (WEEE) Directive
- 2014/35/EU Low Voltage Directive
- 2000/14/EC Outdoor Noise Directive

Harmonized Standards taken into consideration (including amendments):

- BS EN ISO 12100-1:2010 Safety of machinery
- BS EN 474-1 Earthmoving machinery. Safety - General requirements
- BS EN 474-6 Earthmoving machinery. Safety – Requirements for Dumpers

Per 2000/14/EC Outdoor Noise Directive

- Managing director at the Tufftruk Ltd Head Office address above keeps the technical documentation
- Conformity assessment procedure followed: Annex VI
- Notified Body: Vinçotte - Jan Olieslagerslaan 35, 1800 Vilvoorde, Belgium

Per 2006/42/CE Machinery Directive, person authorized within EU community to compile the documentation: Tufftruk Ltd, Sheen, nr. Buxton, Derbyshire, SKI7 OEU, GB

Equipment Category: Wheeled Pedestrian power barrow / Mini Dumper				
TRUXTA Model	Power - kW	Measured Sound Power Level - dB(LWA)	Guaranteed Sound Power Level - dB (LWA)	Serial No
EB300	1.2	80	82	
EB300PT	1.2	80	82	
EB300PTP	1.2	80	82	
EB500	1.5	78	81	
EB500PT	1.5	78	81	
EB500PTP	1.5	78	81	
EB800PT	2.8	80	82	
B300G/Q300G	3.6	96	98	
B450G/Q450G	4.1	96	98	

Place of Declaration	Address	Date	Signed By	Position in Company	
Tufftruk Ltd	See above		Andrew Simpson	Managing Director	A Simpson

How To Use This Manual

This operators manual has been written to help you operate and service the TRUXTA EB800 safely.

Foreword

- ***Environment -*** This section gives instructions on how to handle the recycling of discarded equipment in an environmentally friendly way.
- ***Machine Description -*** This section helps you to familiarise yourself with the machine's layout and controls.
- ***General Safety and Health and Safety -*** This section explains how to use the machine to ensure your safety and the safety of others.
- ***Decals -*** This section gives information regarding the decals which can be found on the machine.
- ***Trouble Shooting -*** Should help if a problem should occur.
- ***Servicing -*** A section regarding general maintenance and service.
- ***Warranty -*** This section details the Warranty cover and claims procedure.

Attention must be shown when text is shown in the following way:

CAUTION — The product can be at risk. The machine or yourself can be damaged or injured if procedures are not carried out in the correct way.

WARNING — The life of the operator can be at risk.

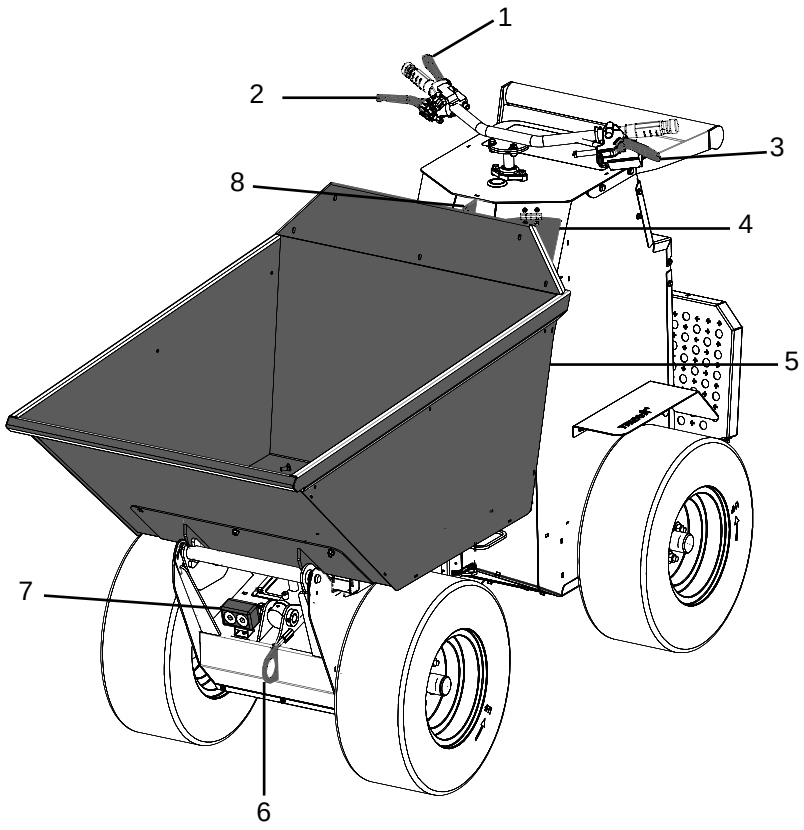
WARNING

WARNING — Before you operate or carry out any maintenance on this machine YOU MUST READ and STUDY this manual.

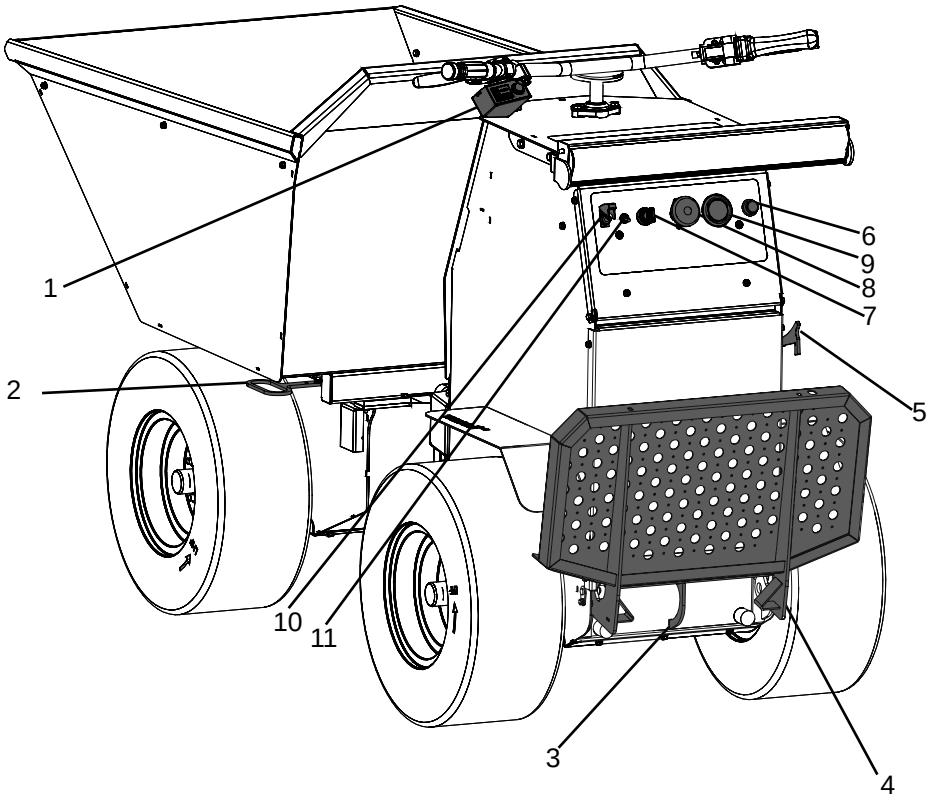
KNOW how to safely use the unit's controls and what you must do for safe maintenance.
(NB: Be sure that you know how to switch the machine off before you switch on in case you get into difficulty.)
ALWAYS wear or use the proper safety items required for your personal protection.
If you have ANY QUESTION about the safe use or maintenance of your machine. Please contact your Local Dealer or Tufftruk Ltd: +44 (0) 1298 84687

Contents

Machine Description

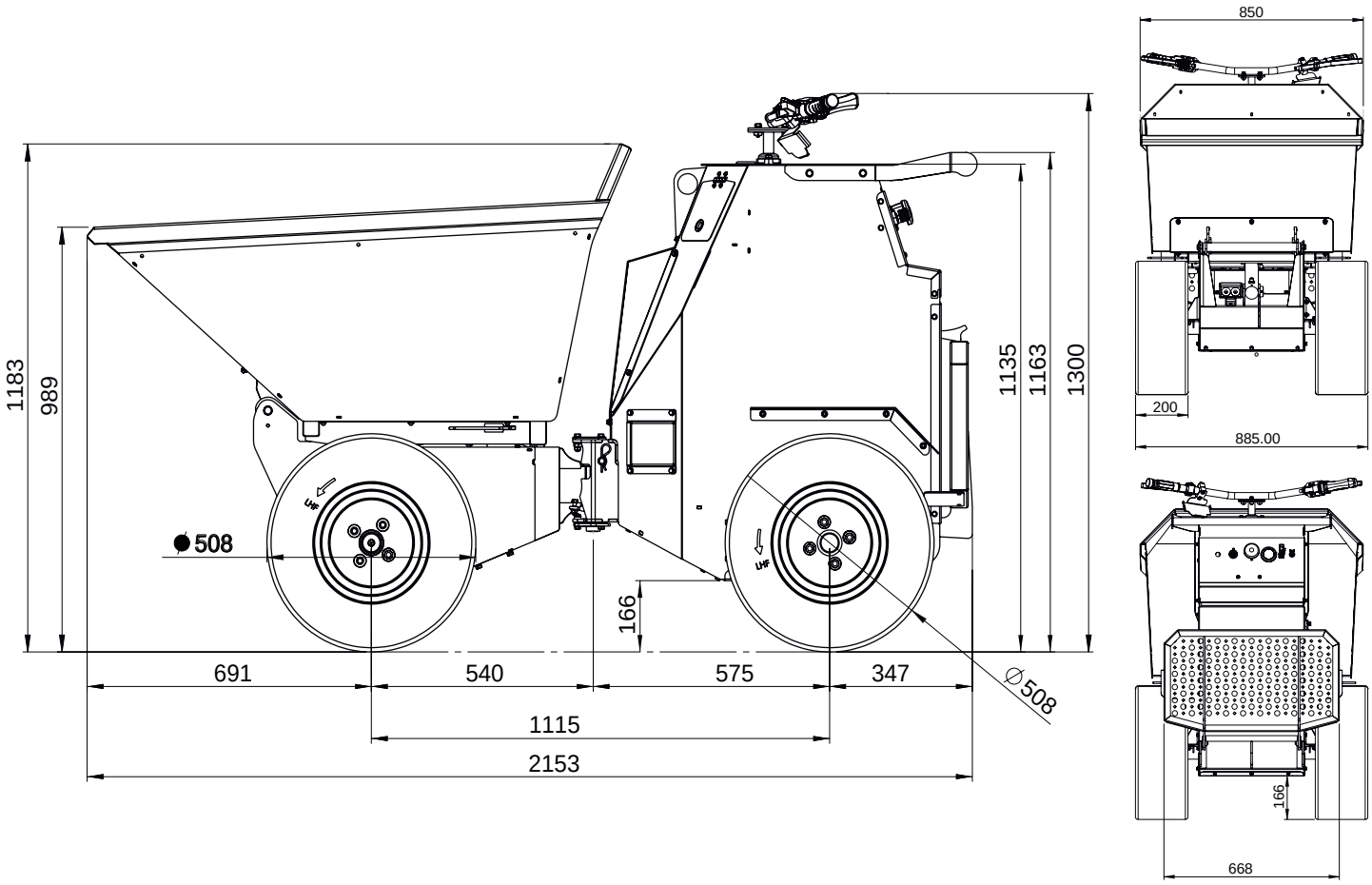


1. Deadman Lever
2. Forward Drive Lever
3. Reverse Lever
4. Charging point
5. Skip
6. Front Tie Down Point
7. LED Light



1. Tip Control & Horn
2. Skip Locking
3. Rear Tie Down Point
4. Foot Stand
5. Foot Stand Catch
6. Battery Charging Gauge
7. Iginition Switch
8. Emergency Stop Button
9. Display
10. Manual Override
11. Light Switch

Technical Data

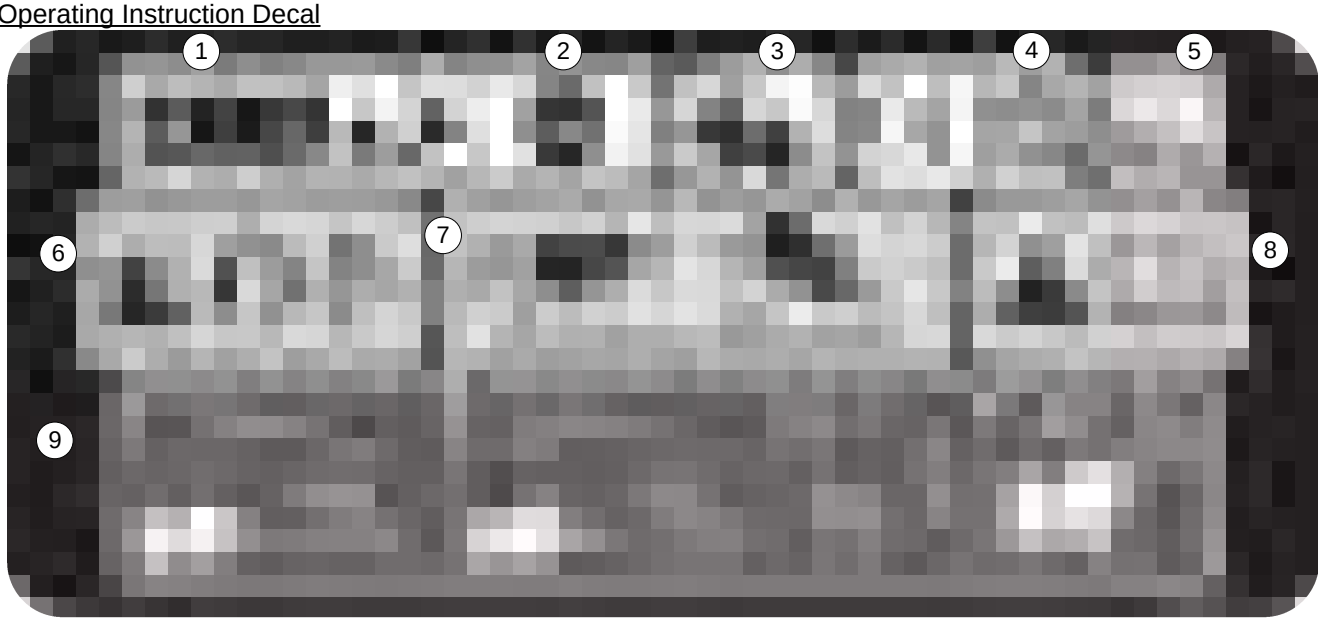


Model	Battery EB800 (4x4) ‘Stand -On’
Motor/Power (kw)	DC Motor 2 x 1400w /24v
Power Type	4 x 6v AGM Batteries
Max Payload (Sand)	800kg / 1800lbs / 15.5 ft^3 / 0.43m^3
Payload Concrete	720kg / 1600lbs / 12.5 ft^3 / 0.35m^3
Unladen / Weight	550kg / 1212lbs
Working Width	885mm
Working Gradient	10° Constant Use / 15° Intermittent Use
Drive & Controls	2 x 24v Transaxle
Brake System	Electrically operated brake system with fail-safe dead-man handle
Standard Fitment Tyres	Flotation with option of turf tyres
Forward Travel Reverse Travel	4 kph / 2.5 mph 2.5 kph / 1.5 mph
Noise Level (dB)	< 82

Decals

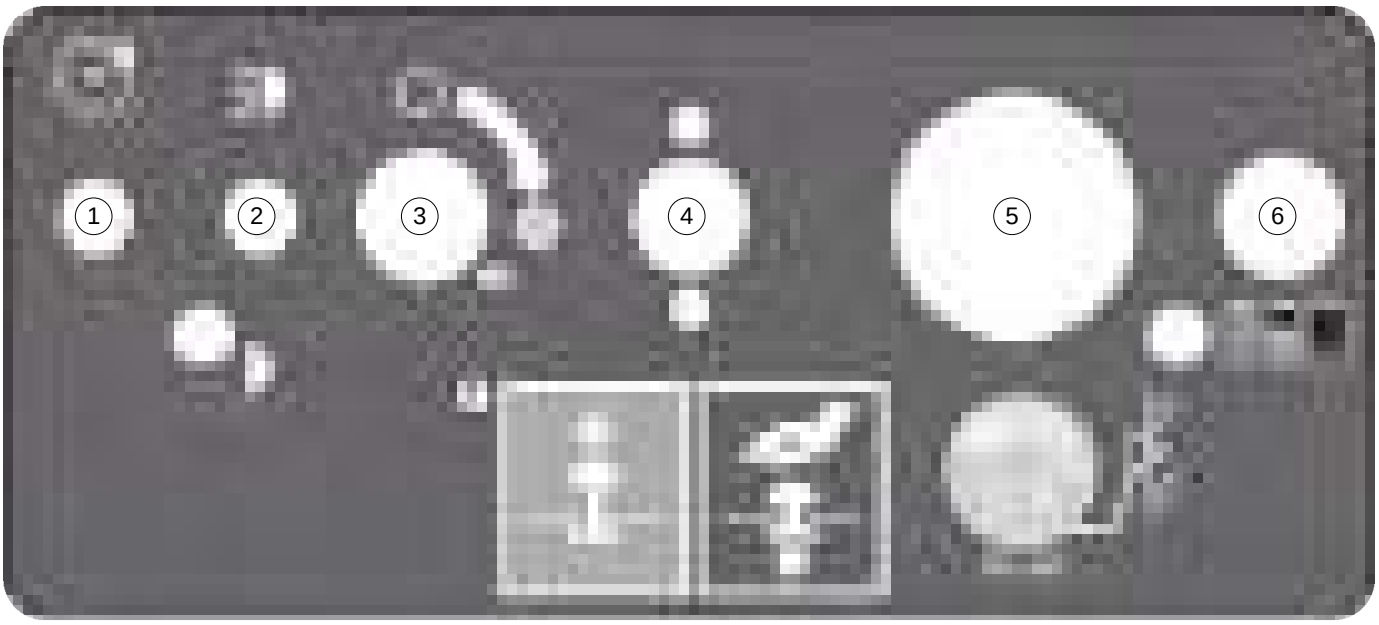
A. Operating Instruction Decal
B. Control Panel Decal
C. Safety / Warning Decals

A. Operating Instruction Decal



1. Power Tip Control
2. Horn
3. Max Payload
4. CE / UKCA
5. Sound Level
6. Personal Protective Equipment Requirement
7. Working Gradient
8. Read Operators Manual
9. Handlebar Controls / Instructions

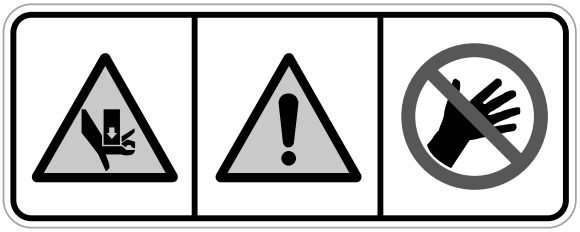
B. Control Panel Decal



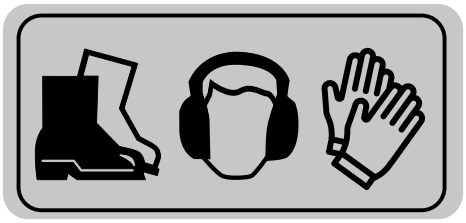
1. Brake Manual Over-ride
2. Lights On / Off
3. Ignition Switch
4. Emergency STOP Switch
5. Electrical Display
6. Battery Charge Indicator

Decals

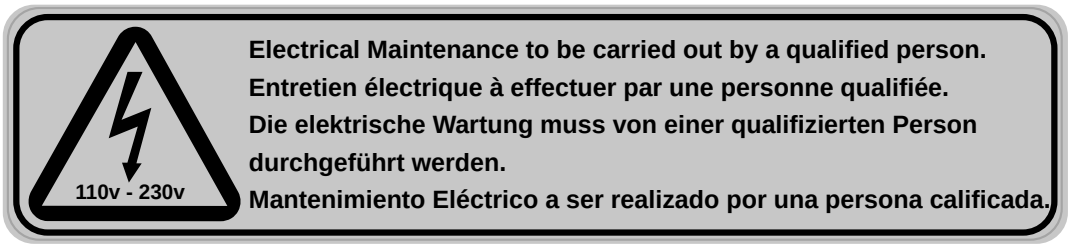
C. Safety / Warning Decals

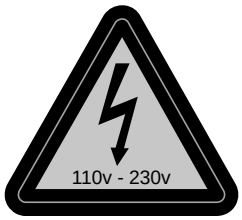


Warning And Crush Decals



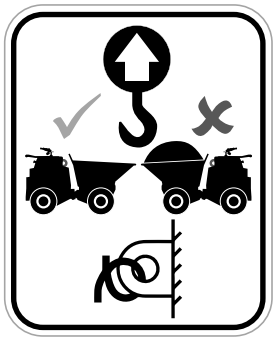
Personal Protective Equipment Requirement Decals



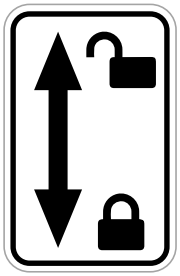


Electric Decals

No Jet Washer

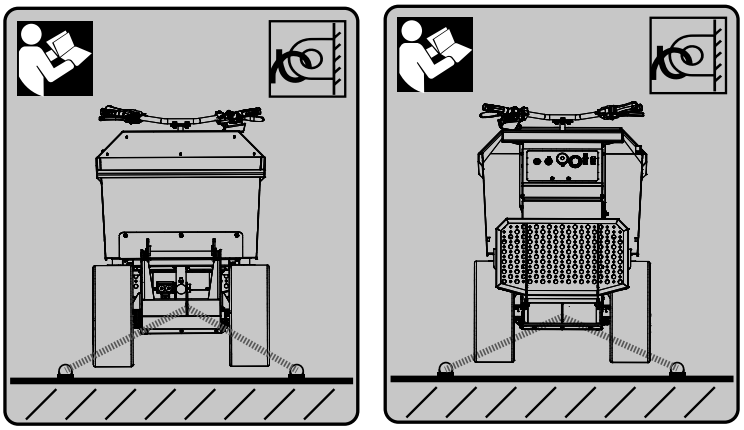


Lifting Point



Skip Carrier Lock

Tyre Pressures



Tie Down Point

General Safety

For your own personal protection and those around you, please ensure that you have fully read, understood and following the safety information provided in the manual.
It is the responsibility of the operator to ensure that they understand how to operate the equipment safely.
If you are unsure about the safe and correct use of the TRUXTA EB800 ‘Stand On’ contact you line manager, Tufftruk Dealer or Tufftruk Ltd direct.

WARNING Incorrect maintenance can be hazardous.
Read and Understand this section before carry out any maintenance, service or repairs.

This equipment is heavy and must not be lifted single-handedly, **GET HELP** and use suitable lifting equipment.

- Cordon off the work area and keep members of the public and unauthorized personnel at a safe distance.
- Personal Protective Equipment (PPE) must be worn by the operator whenever this equipment is being used (see Health & Safety).
- Make sure you know how to safely switch this machine **OFF** before you switch it **ON** in case you get into difficulty.
- Never remove or tamper with any guards fitted, they are there for your protection.
- Always check guards for condition and Security, if any is damaged or missing, **DO NOT USE THE TRUXTA EB800** until the guard has been replaced or repaired.
- Do not operate the machine when you are ill, feeling tired, or when under the influence of alcohol or drugs.
- Do not use the TRUXTA to transport people.
- Do not release the brake suddenly when travelling forward at speed with a heavy load as the machine may topple forward.
- (Brake off). Close the throttle if necessary, so that motor controls the speed. Always ensure that when moving downwards on a hill, the machine is travelling in reverse.

STEERING THE TRUXTA ON GRADIENTS.
DO NOT steer the TRUXTA left or right when travelling up or down a gradient.
Always travel in a straight line. When travelling across a graduated slope, always travel in a forward direction, maximum working gradient 5 degrees when travelling across a gradient with a TRUXTA.

TRANSPORTATION.
The TRUXTA is heavy. Use suitable lifting equipment to lift the machine using designated lifting point.
Always ensure that the machine is switched off before transporting and servicing.
DO NOT use the TRUXTA to transport people.
Always use the tie down points, to secure the TRUXTA for transit. (See Machine Description)

ENVIRONMENTAL — Safe Disposal.
Instructions for the protection of the environment. The machine contains valuable materials. Take the discarded apparatus and accessories to the relevant recycling facilities.

WEATHER CONDITIONS.
Lightning can kill - DO NOT use the TRUXTA if there is lightning in the area.
Weather can alter the condition of the worksite surface area. ALWAYS be aware of the condition of the surface before and during operation of the TRUXTA, adapt you’re travelling speed to the prevailing surface conditions.
Operating the TRUXTA in poor visibility can result in serious injury or even death. ALWAYS use your light to improve the visibility of the area.
DO NOT charge a frozen battery. If you charge a frozen battery, the battery may explode.

Health And Safety

VIBRATION.
Some vibration from the operation is transmitted through the handle to the operator’s hands. DO NOT exceed the maximum usage times. (See Technical Data section)

PPE (Personal Protective Equipment).
Suitable PPE must be worn when using this equipment i.e. Safety Goggles, Gloves, Ear Defenders, Dust Mask and Steel Toe capped footwear. Wear clothing suitable for the work you are doing. Tie back long hair and remove any jewellery which may catch in the equipment’s moving parts.

Electric.
Do not attempt to charge the electric machine if cable or connectors are damaged.
Do not connect or disconnect the machine with wet hands immediately replace damaged charging parts.
Do not charge the machine in wet conditions or wet weather.

Environment

Safe Disposal
Instruction for the protection of the environment.
The machine contains valuable materials.
Discarded machines and accessories at the relevant recycling facilities.

Component	Material
Handle	Steel
Handle Grips	Rubber
Chassis	Steel
Transaxle	Cast Steel Body / Steel
Transaxle	Steel / Copper
Skip	Steel
Various Parts	Steel / Plastic / Rubber
Battery	Steel / Plastic (ABS) / Lead / Acid /Fibreglass

Pre-Start Checks and Charging

Prestart Checks.
The following prestart checks must be performed before the start of each work session.
Please refer to the service section for detailed guidance. If any fault is discovered, the TRUXTA EB800 must not be used until the fault is rectified.

1. Check mains lead is stored correctly and is secured to the machine.
2. All control levers are free from damage and operational.
3. All fasteners are tight and present.
4. Wheel Nuts are tight and present.
5. All tyres pressures are correct.

WARNING Please read the following instructions:

Charging.
To maximize the life of your AGM battery, it is important that it is properly charged. As with all lead-acid batteries, both over- and under-charging an AGM battery will result in shortened service life.
The TRUXTA mini dumpers are fitted with an on-board SMART charger which maintains the battery full charge condition without resulting in over charging.
The AGM batteries are sealed for life units and do not require any fluid top up.

Please read the following instructions:

Charging system Inspection.
The charger's AC (mains) cord should be free of breaks or cuts and the wall plug socket should be clean and free from debris.
The cable connectors from the on-board charger should be clean and properly mate with the battery terminals to ensure a sound connection.

Battery Inspection
• Check battery cables are not damaged.
• Connectors should be free of corrosion.
• DC Cable post or eyelet connectors are tight to avoid arcing.

Charging Guidelines
• **FULLY** charge batteries after batteries have been dis-charged to ¼ full on battery gauge. The on-board charger mains cord should be plugged into the mains AC supply. Leave batteries to complete full charge and do not disconnect until fully charged. Once fully charged the on-board SMART battery charger will maintain the battery fully charged status.

• **DO NOT** opportunity charge batteries i.e. if the batteries have only dis-charged to ¾ full on the battery gauge, there is no need to connect the charger to the AC supply. It is recommended to use the dumper until the batteries have dis-charged to ¼ full on the battery gauge, then place the dumper onto a full charge cycle.

- Charge in a ventilated area as gasses may be released through the pressure relief valve if the batteries are excessively over-charged.
- Never charge a frozen battery.
- Ideal charging temperatures: (0°C to 40°C) 32°F to 104°F
- Do not attempt to charge the electric machine if cable or connectors are damaged.
- Do not connect or disconnect the machine with wet hands immediately replace damaged charging parts.
- Do not charge the machine in wet conditions or wet weather.

GB Start and Stop Procedure

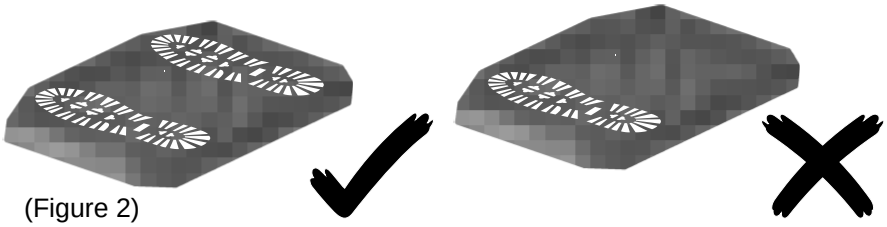
OPERATING THE TRUXTA
- Pull out large red button. (DEADMAN SWITCH)
- Turn ignition key on and allow the machines controller to run its checks.

STOPPING THE TRUXTA
- Release the right hand lever to stop the machine.
- Release the dead man red lever to engage the parking brake.
- In emergencies hit the large red button (DEADMAN SWITCH).
- When machine is not in use, always push in the large red button and turn the machine ignition key to the OFF position and remove the key.

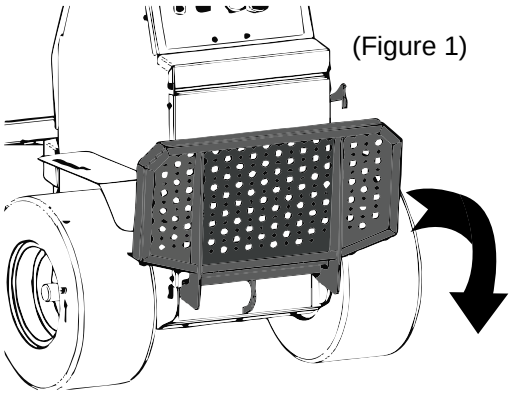
GB Operating Instructions

CAUTION When travelling across a graduated slope, always travel in a forward direction, always travel in a straight line. Maximum working gradient 10 degrees when travelling across or up a slope with a TRUXTA.

OPERATING THE TRUXTA
1. Take the foot plate from the stowed position into the Stand On position. (Figure 1)
2. Stand On the foot plate with both feet. (Figure 2)



(Figure 2)



(Figure 1)

3. Pull out large red E Stop button. (DEADMAN SWITCH)
4. Turn ignition key on and allow the machines controller to run its checks.
5. Hold the handles with both hands.
6. Depress dead man lever (RED) on right hand controls.
7. To Move Forward — squeeze right hand lever to move forward. The more you squeeze the faster the machine will travel.
8. To Reverse — squeeze and hold left hand lever, then squeeze the right hand lever to move the machine in reverse.

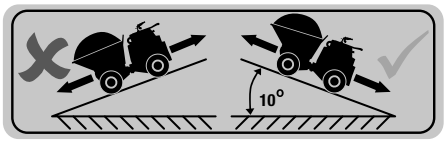
STOPPING THE TRUXTA
1. Release the right hand lever to stop the machine
2. Release the dead man red lever to engage the parking brake
3. In emergencies hit the large red E Stop button (DEADMAN SWITCH)

When machine is not in use, always push in the large red E Stop button and turn the machine ignition key to the OFF position and remove the key.

PARKING BRAKE - The Parking Brake operates automatically when the deadman lever (RED) is in the upright position. The brake is on until the dead-man (RED) lever is compressed to release it.

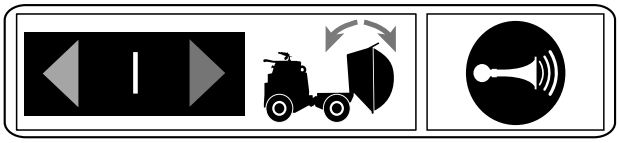
MOVING the TRUXTA with NO POWER.
For manual brake release when the machine has no power.
Push brake release lever forward and hold the dead-man lever down, the TRUXTA can now be moved manually.

ON INCLINES.
Do not use TRUXTA on inclines / ramps above 10°
Do NOT travel forwards down inclines when loaded.



LOADING SKIP.
When loading the TRUXTA the machine must be in a stationary on stable ground, with the machine in a safe position. The operator must **ALWAYS** leave the TRUXTA and stand clear of the machine during loading. There may be falling debris from the excavator or the TRUXTA skip which could cause serious injury or death.
ALWAYS follow the SWL (Safe Working Load) / Payload. (See Technical Data)

UNLOADING SKIP
ALWAYS Stop the machine before unloading the skip.
ALWAYS place the TRUXTA in a straight position when unloading.
As the center of gravity will change, which may affect the stability of the TRUXTA
ENSURE unloading zone is clear.
Depress dead man lever (RED) on right hand controls.
Tip skip with handle tip switch.



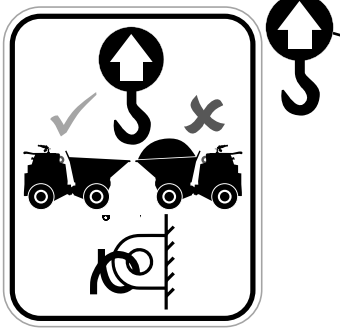
WARNING ALWAYS ensure the lift equipment being used is suitable for lifting the TRUXTA. Inadequate or damaged equipment could result in serious injury or death.

LIFTING THE TRUXTA
Before lifting your TRUXTA, ensure the below is followed:-

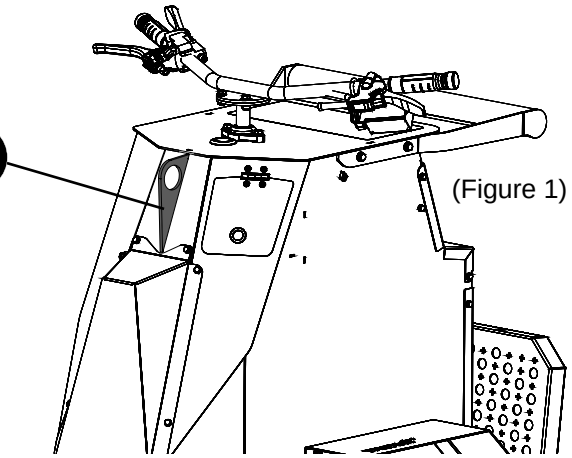
- **ENSURE** the TRUXA skip is empty and lowered.
- **ENSURE** there are no loose items within the operator's area.
- The dumper MUST be parked on stable, level ground with the machine switch off and ignition key removed
- **ALWAYS** use the articulation locking pin to lock and stop any unwanted movement. (Figure 2)
- **ENSURE** there are no unauthorised personnel are near to the TRUXTA or where the TRUXTA is being transported to.
- **ENSURE** the chains / straps are suitably size for the TRUXTA and the correct length for a safe, level lift.

There is 1 designated point for lifting the TRUXTA (See Below)
DO NOT use any other are of the TRUXTA as a lifting point. (Figure 1)

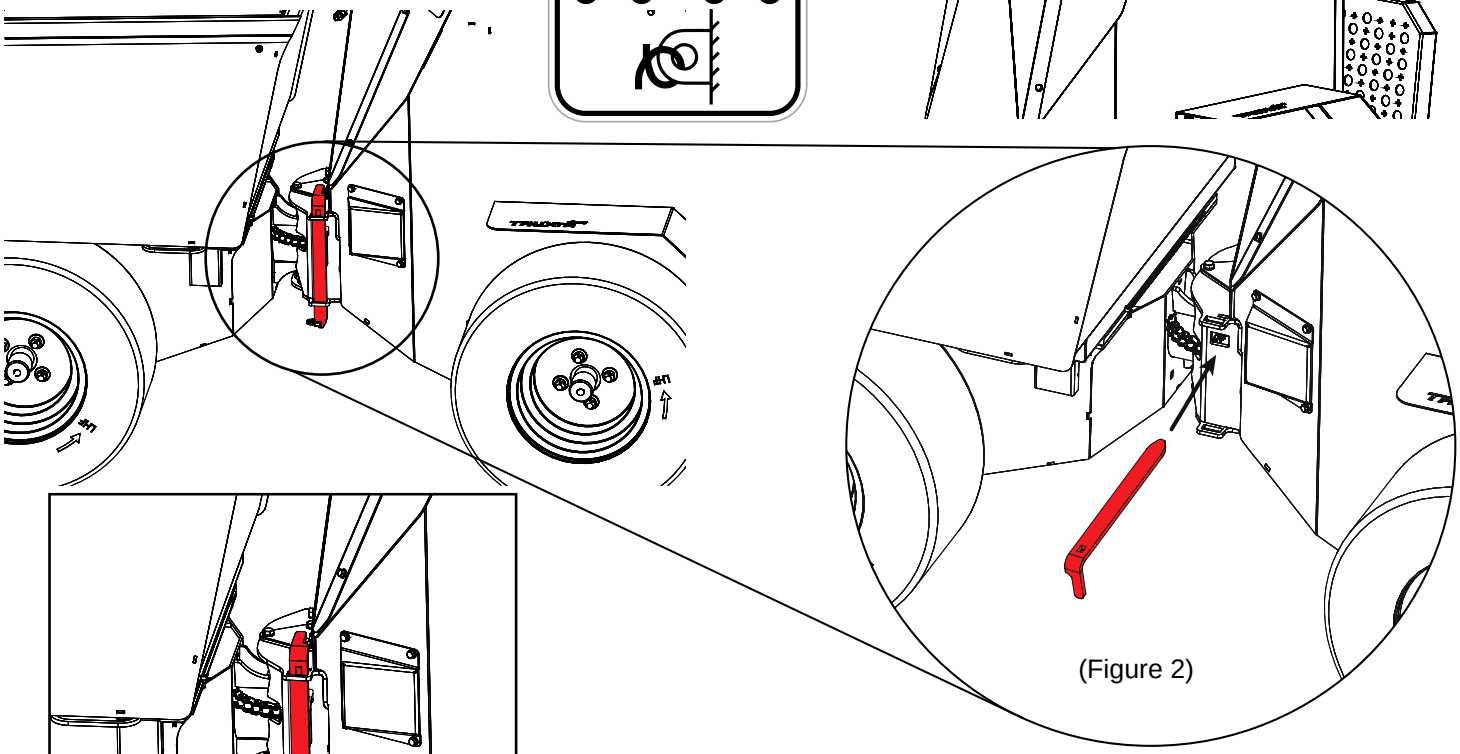
The lifting points are highlighted with a lifting point decal.



Lifting Point



(Figure 1)



(Figure 2)

(Articulation locking Pin For Transport / Lifting)

(Locking Pin Stowed Position)

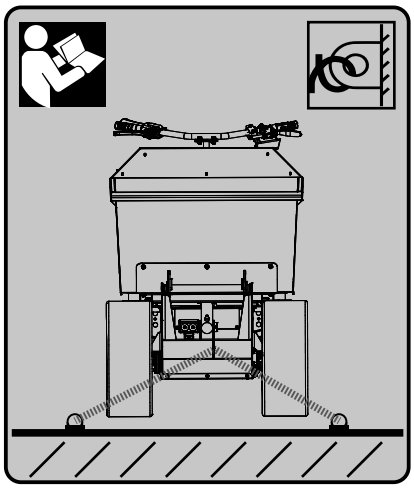
WARNING The driver and transport contractor are responsible for the safe transport of the TRUXTA

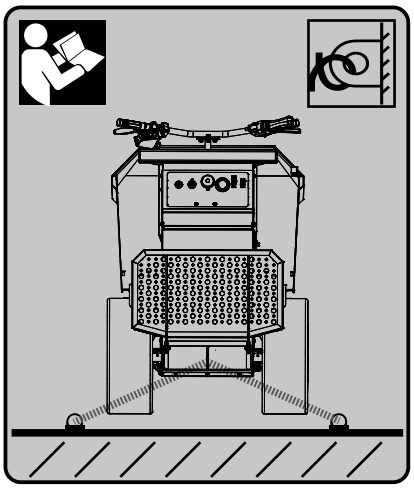
LOADING & TRANSPORTING
Before loading and transporting your TRUXTA, ensure the below is followed:-

- ENSURE the transport vehicle is adequate size. Dimensions and weights of the TRUXTA can be found in the Technical Data.
- ENSURE the loading area is clear of all obstructions.
- Secure the transport vehicle with chocks to prevent any movement.
- Ramps should be used at the smallest angle possible. No greater than 10°.
- ENSURE the TRUXA skip is empty and lowered.
- ENSURE there are no loose items within the operators area.
- ENSURE the loading ramps are free of any ice, snow, grease, mud and or oil.
- ENSURE there are no unauthorised personnel are near to the TRUXTA or where the TRUXTA is being loaded.

1. Position the TRUXTA at the foot of the ramps, so that the TRUXTA can be reversed onto the transport vehicle.
2. Step off the machine and place foot stand in the upright stowed position.
3. Slowly reverse machine up the ramps.
4. Stop the TRUXTA at the required loading position for securing.
5. Switch the TRUXTA off, by pressing the red EStop button and turning the machine ignition key to the OFF position and remove the key.
6. Fit the articulation locking pin to lock and stop any unwanted movement. (Figure 2 - Page 10)

ALWAYS use the tie down points, to secure the TRUXTA for transit. (See Machine Description)





Before unloading your TRUXTA, ensure the below is followed:-

- ENSURE the loading area is clear of all obstructions.
- Secure the transport vehicle with chocks to prevent any movement.
- Ramps should be used at the smallest angle possible. No greater than 10°.
- ENSURE the TRUXA skip is empty and lowered.
- ENSURE there are no loose items within the operators area.
- ENSURE the loading ramps are free of any ice, snow, grease and or oil.
- ENSURE there are no unauthorised personnel are near to the TRUXTA or where the TRUXTA is being unloaded.

1. Remove and straps that have been used to secure the TRUXTA.
2. Remove the articulation locking pin to lock and refit into the stowed position. (Figure 2 - Page 22)
3. Switch the TRUXTA on and slowly drive down the ramps off the transport vehicle.

DO NOT use the foot plate until the TRUXTA, is safely on the ground and away from the transport vehicle.

GB Troubleshooting Guide

ERROR CODES
The machine controller detects a wide variety of faults or errors.
Diagnostic information can be obtained on the gauge display where an error code in the format "Err ###".

The troubleshooting chart below describes the Error code faults and their possible causes.

Whenever a fault is encountered the first action should be to turn off the ignition and push in the E stop button. Then pull out the E stop button and turn the ignition back on to see if the fault clears.

This is the RESET procedure.

If the Error code does not clear after the machine RESET, turn off the ignition switch and referr to the Error code below. If the error hasn't cleared, then remove the 35-pin connector on the controller and check the connector for damage or corrosion and repair /clean it if necessary and reinsert it.

If the Error is still seen then the wiring and connections on the machine should be checked for breakages or loose connections.

Error Code	Fault Name	Possible Causes	Repair
12	Controller Overcurrent	1. External short of phase U,V, or W motor connections.	Ensure that there is no shorts present between the U, V, or W motor conections.
		2. Controller Defective.	Replace controller.
13	Current Sensor	1. Leakage to vehicle frame from phase U, V, W motor connections.	Ensure that there are no shorts between the motor terminals and the machine metal work.
		2. Controller Defective.	Replace controller.
15	Controller Severe Undertemperature	1. Controller is operating in an extreme enviroment. Heatsink temperature is below -40 Degrees Celcius	Bring the heatsink temperature above -40 Degrees Celsius
16	Controller Severe Overtemperature	1. Controller is operating in an extreme enviroment, +95 Degrees Celsius.	Bring the heatsink below 95 Degrees Celsius.
		2. Excessive load on vehicle.	If vehicle is overloaded, remove load and allow cooling before resuming operation.
17	Severe B+/KSI Undervoltage	1. Non controller system drain on battery.	Ensure that there is no loads independent of the controller causing a voltage drop over the batteries.
		2. Battery cables damaged or terminals loose.	Check battery cables for damage and ensure that terminals are tight.
		3. Blown Fuse	Check fuses.
18	Severe B+/KSI Overvoltage	Battery cables damaged or terminals loose.	Check battery cables for damage and ensure that terminals are tight.
22	Controller Overtemperature Cutback	1. Controller is operating in an extreme enviroment, heatsink temperature exceeded 85 degrees celsius.	Reduce controller heatsink temperature to below 85 Degrees Celsius.
		2. Excessive load on vehicle.	Remove excess load and allow machine to cool before resuming operation.
23	Undervoltage Cutback	1. Batteries need recharging.	Ensure that batteries are charged before operation.
		2. Non-controller system-drain on battery.	Ensure that there is no loads independent of the controller causing a voltage drop over the batteries.
		3. Battery disconected whilst driving.	Ensure that battery leads are connected and that terminals are tight.
24	Overvoltage Cutback	1. Batteries disconnected with regen braking.	Ensure that battery leads are connected and that terminals are tight.
28	Motor Temp Hot Cutback	1. Motor temperature is above temperature limit, possibly due to operating in high ambient temperatures or overlading machine.	Ensure that machine is not overloaded.

GB Troubleshooting Guide

31	Main Driver	1. Open or short on driver load.	Test the motors to see if there is a short circuit or an open circuit.
		2. Dirty connector pins at controller or contactor coil.	Ensure that the connector pins in the multiplug and the crimped terminals are clean, free of corrosion and make a good connection.
		3. Bad connector crimps or faulty wiring.	Inspect all motor wiring, checking all terminals are tight and cables are not damaged.
32	EM Brake Driver	1. Open or short on driver load.	Test the brakes to see if there is a short circuit or an open circuit.
		2. Dirty connector pins at controller or contactor coil.	Ensure that the connector pins in the multiplug and the crimped terminals are clean, free of corrosion and make a good connection.
		3. Bad connector crimps or faulty wiring.	Inspect all motor wiring, checking all terminals are tight and cables are not damaged.
37	Motor Open	1. Motor phase is open.	Check motor to ensure that there not an open circuit.
		2. Bad crimps or faulty wiring.	Ensure that the motor wiring is undamaged, the crimps are sound and that the terminals on the controller are tight.
38	Main Contactor Welded	1. Main contactor tips are welded closed.	The contactor is welded closed, audible click will not be heard when operating the deadman lever, contactor will need replacing.
39	Main Contactor Did Not Close	1. Main contactor tips are oxidized, burned or not making good contact.	Contactor will have to be replaced.
		2. Main contactor opened during operation.	Check wiring to contactor is good, ensure that all terminals are making good contact.
		3. Loose connections in wiring supplying contactor.	Check wiring to contactor is good, ensure that all terminals are making good contact.
		4. Defective contactor.	Contactor will have to be replaced.
47	HPD Sequencing	1. Incorrect sequence in application of Keyswitch, Interlock, Direction or Throttle.	Ensure that deadman is operated before forward lever.To clear fault, switch machine off then on.
52	User 2 Fault	1. Deadman or Throttle lever operated before machine is turned on.	Ensure that Deadman or Throttle levers are not operated before switching on machine.
54	Safety Bar Fault	1. Open circuit on Safety Bar Circuit	Contact Tufftruk for further assistance.
55	Platform Proximity Sensors	1. Open circuits on Proximity Sensor Circuit	Contact Tufftruk for further assistance.

GB Service and Maintenance

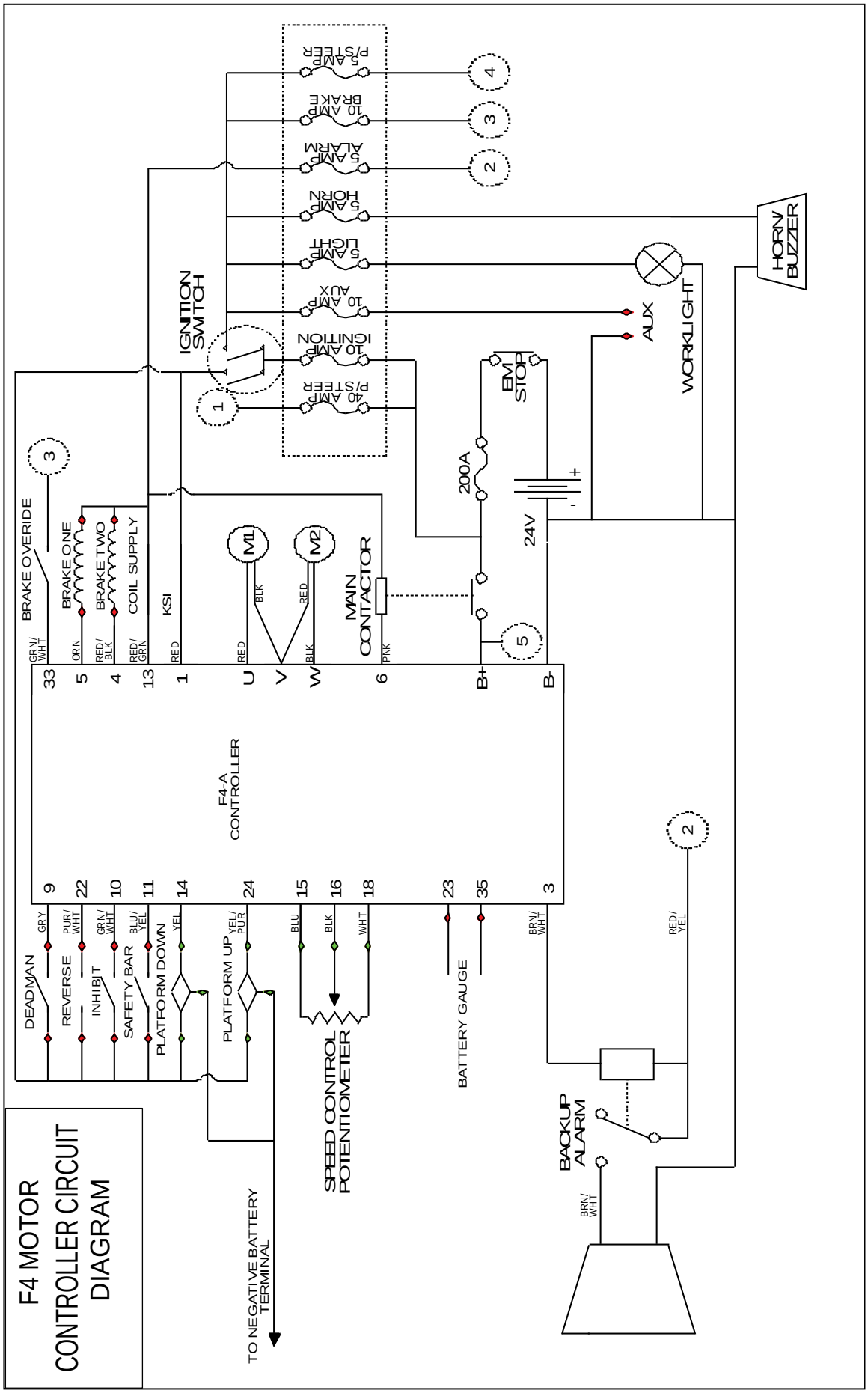
Machine Cleaning
Clean the machine after it has been used to prevent the collection of hardened debris. Hardened debris is very difficult to remove.
To clean it use an old brush or hand brush with water.
Do Not pressure wash or hose down the electric motor housing. Clean only with a cloth or compressed air.

Transaxles
There should be no maintenance required on the transaxles as these are sealed for lift transaxles. If there are any signs of damage or leakage stop using the TRUXTA EB800 and contact your local Tufftruk Dealer or Tufftruk Ltd direct.

Hydraulic Pump
The hydraulic pump is self contained. If you require replacement oil this is Pro Power Ultra ISO 46.

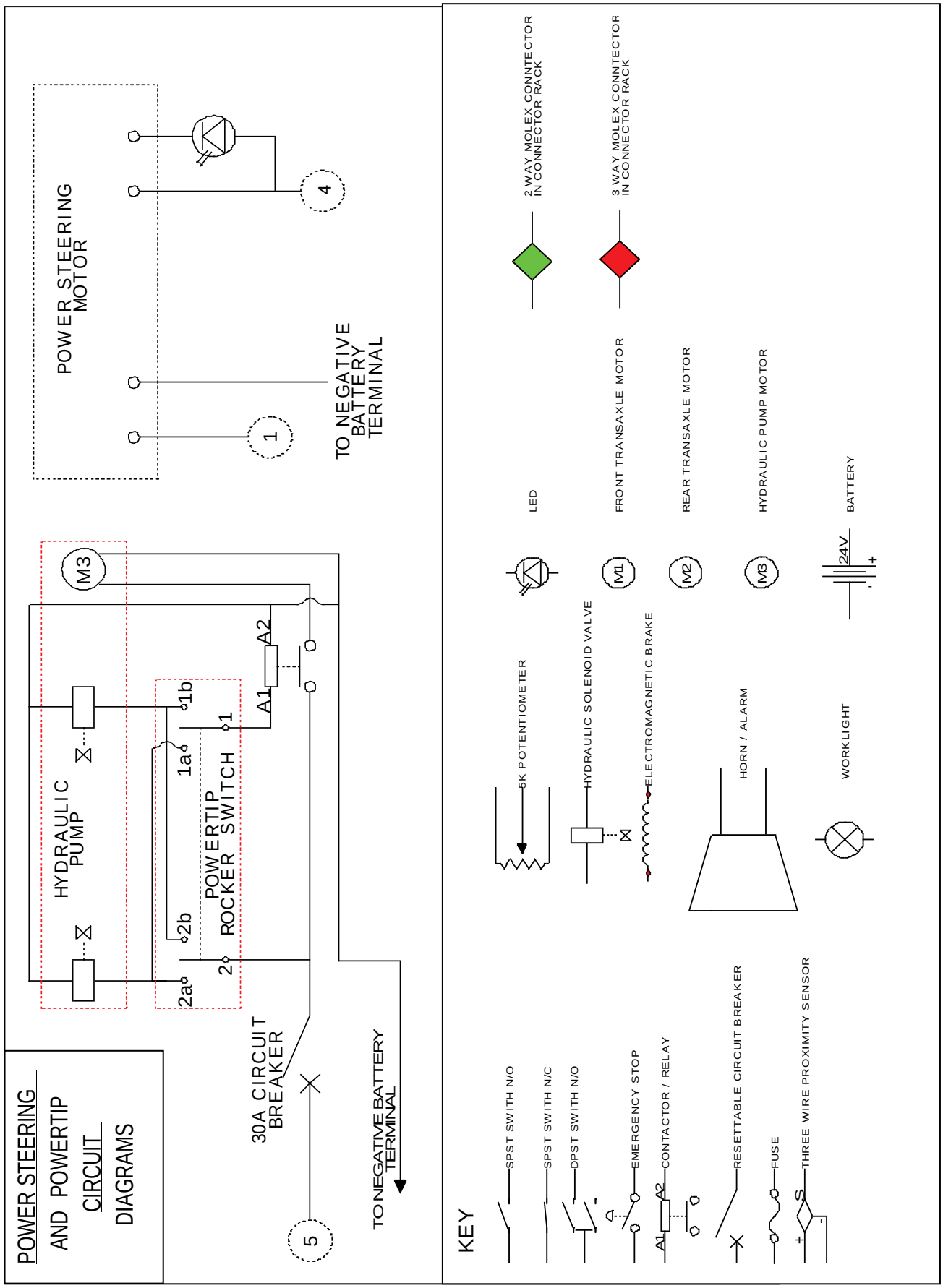
Tyre Pressure
TRUXTA EB800 tyre pressure should be regularly checked and maintained at 30PSI (flotation and turf tyres).

EB800 WIRING SCHEMATICS



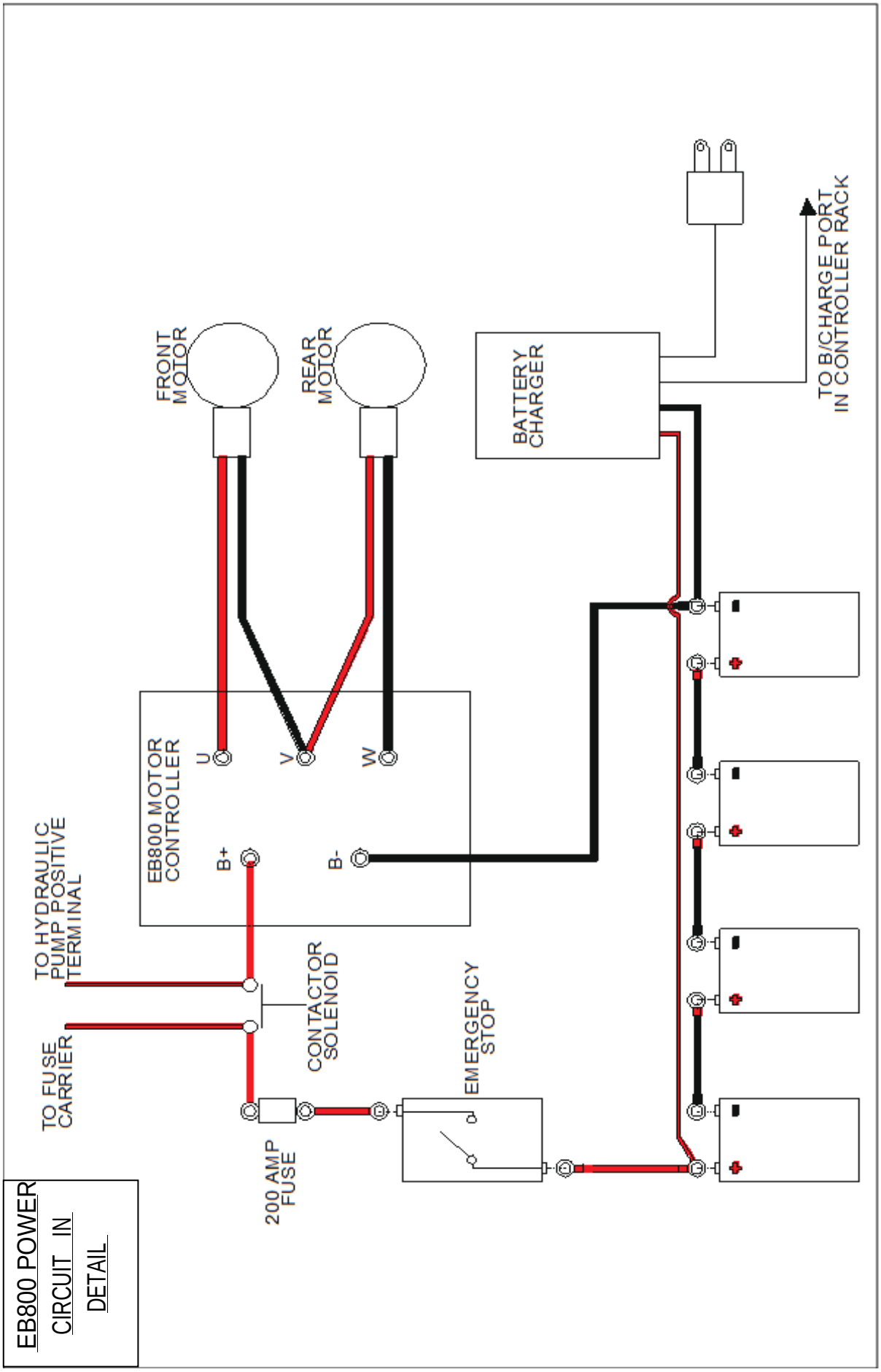
Wiring Schematics (Power Steering)

EB800 WIRING SCHEMATICS



Wiring Schematics (Power Circuit)

EB800 WIRING SCHEMATICS



ATTACHMENT

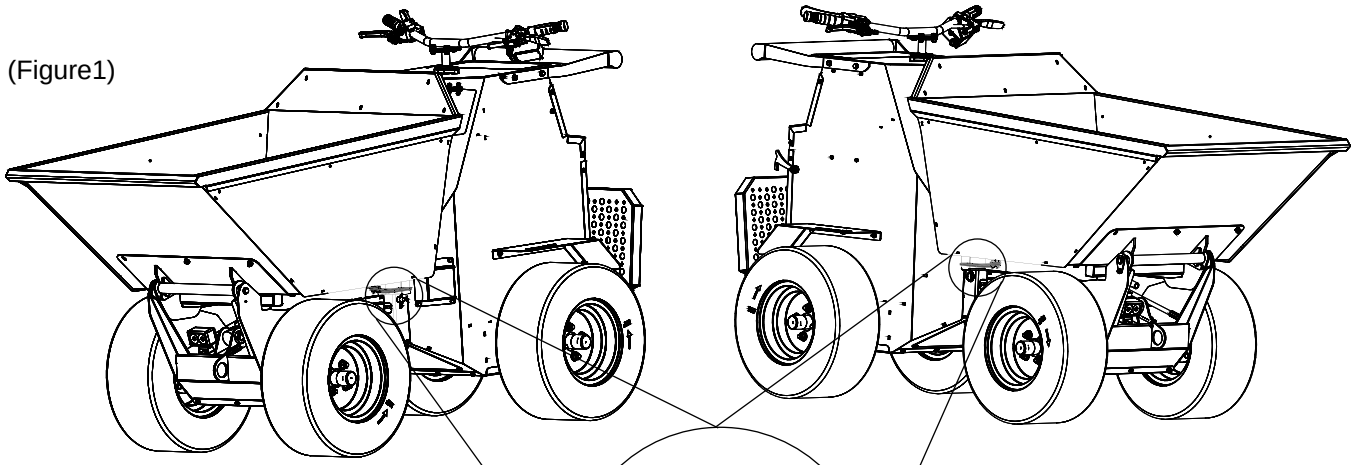
WARNING Before you operate or carry out any maintenance on this machine YOU MUST READ and STUDY this manual.

Changing Skip / Attachment
Before changing a skip or attachementt ENSURE the below is followed:-

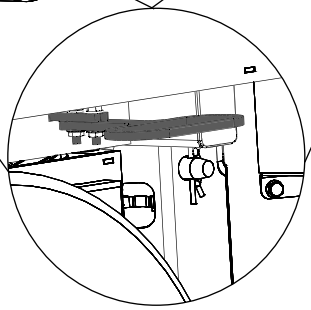
- The skip is heavy and must not be lifted single-handedly, get help or use lifting equipment.
- ENSURE PPE (Personal Protective Equipment) is worn.
- ENSURE the TRUXA skip is empty.

1. Position the skip in the down position. (Figure1)
2. Pull skip lock handles out. (Figure 2)
3. Whilst pulling the lock handle, pull towards the front of the skip to lock in unlock position. (Figure 3)
4. Lift the skip upwards and backwards towards the chassis, to unhook the front carrier.

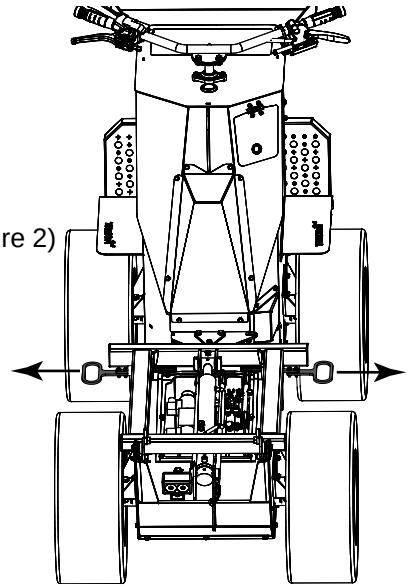
(Figure1)



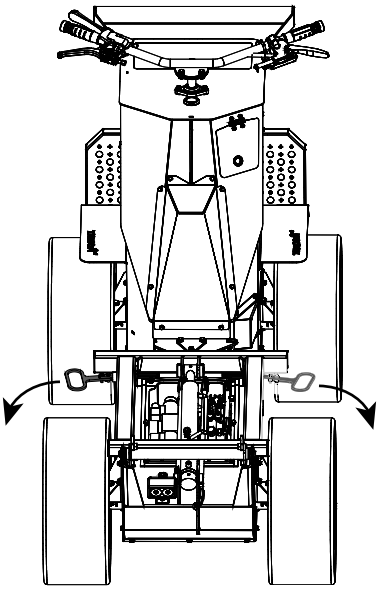
(Figure 2)



(Figure 2)



(Figure 3)



Flextool

1956 Dandenong Road, Clayton VIC 3168, Australia
Phone: 1300 353 986
flextool.com.au
ABN 80 069 961 968

This manual summarises our best knowledge of the product based on the information available at the time of publication. You should read this manual carefully and consider the information in the context of how the product will be used. Our responsibility for products sold is subject to our standard terms and conditions of sale.

DISCLAIMER:

Any advice, recommendation, information, assistance or service provided by us in this manual is given in good faith and is believed by us to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by us is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon us by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. The product can be expected to perform as indicated in this manual so long as operation and operational procedures of the individual products are followed as recommended in this manual.

Design and technical specifications may be subject to changes.