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RIDE ON ROLLER

SAFETY PRECAUTIONS & WARNINGS

It is in the interests of those operating this equipment, and for the safety of others, that these **SAFETY PRECAUTIONS & WARNINGS** are carefully read and understood before operating this equipment.

PURPOSE

1. This equipment is designed for compacting bituminous (asphalt) surfaces, road sub-bases, hardcore and backfill.

PERSONAL SAFETY

2. This equipment is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it. It must not be operated by minors, or by anyone under the influence of drugs or alcohol.
3. If the equipment is not used in a safe, careful and controlled way, personal injury, injury to others, and damage to other equipment and structures may result.
4. This equipment must only be used on level surfaces or gentle slopes.
5. Be aware of the conditions of insurance before operating this equipment (see under '**INSURANCE**' below).
6. Do not attempt to operate this equipment unless you have had previous experience operating similar equipment, or undertaken the requisite course of instruction from an authoritative body.

Note: A Certificate of Training Achievement (CTA) for Construction Plant Operators is a requirement on most building/construction sites.

7. Operators of this equipment should have a current Site Safety Awareness Certificate.
8. Before attempting to operate this equipment, familiarise yourself with the equipment, its controls and operating characteristics.
9. You must always wear a seat belt when operating the equipment. This is essential if the equipment is fitted with a Roll Over Protection Frame (ROPF) as the ROPF can be a potential danger to the operator if a seat belt is not worn and the equipment overturns.
10. No attempt must be made to either load or unload this equipment from its transporting vehicle unless you have previous experience in such operations (see '**UNLOADING FROM A TRAILER**' below).
11. Always have an additional person(s) present to provide assistance when loading or unloading this equipment.
12. Before starting your work, think and plan ahead to ensure you will be working in a safe environment.
13. When operating this equipment, it is recommended that the following items of Personal Protective Equipment (PPE) be worn:
 - Safety boots to EN345 or BS1870/4972.
 - Ear defenders giving protection for levels up to 95dB(A).

- Safety helmet to EN397 or BS 5240.
- High visibility vest or similar reflective clothing.

Note: Other types of work, or environment, may require a higher level of PPE.

INSURANCE

14. You are responsible for the safe custody of this equipment whilst it is on hire, under the terms of the insurance. You must indemnify, through insurance, the hire company against loss or unreasonable damage (i.e. vandalism, etc.).
15. It is the hirer's responsibility to take all necessary care to make this equipment secure against theft and vandalism at all times (i.e. remove the ignition key, battery, lock the fuel cap, etc.).
16. Be aware that if you are involved in a road accident, or damage a third parties property, the insurance cover may not protect you.

Note: If in any doubt concerning any aspects of the insurance cover, consult the hire company or the insurance company.

OPERATING AREA

17. The equipment must not be operated on public highways unless it complies with the necessary traffic regulation and has the necessary insurance cover. The operator must have the appropriate driving licence to operate this equipment on public highways.
18. Before commencing work, ensure that the area you are to operate the equipment in is a safe environment.
19. Make sure that the work area is clear of any obstructions, soft ground, trenches, slopes, holes, low tree branches, overhead cables, scaffolding, etc. that may present a hazard.
20. On busy, complex and noisy sites, employ a banksman.
21. Ensure that whilst operating the equipment that there is no one near you that could distract you.
22. Be aware that operating this equipment may damage pipes or cables laid just beneath the surface.
23. Never run the equipment inside buildings, or in poorly ventilated locations, where there may be risk of serious or fatal injury from inhaling exhaust (toxic) fumes.
24. Ensure that there are no overhead power lines less than 5m (16ft) above the highest point on the equipment.
25. Anybody who is working near to you will also need to wear the appropriate PPE.
26. Before commencing work, warn others who may be working in the vicinity of the equipment, to keep clear. If possible, place safety barriers and signs around your work area.
27. Where at all possible, protect others working in the vicinity, from the noise, debris, and dust.
28. Do not use this equipment where there is a danger of igniting fumes from petrol, or gas cylinders.

CONTINUED ON OVERLEAF >>>

OPERATING THE EQUIPMENT

Note: If the hire company has provided you with special or additional instructions, you must follow them. Otherwise, follow the instructions given below.

SAFETY CHECKS

29. Visually check your equipment and all its accessories for serviceability (completeness, damage and undue wear). Do not use the equipment if found damaged or worn - contact the hire company immediately.
30. Before starting work, correctly adjust the driving seat and always wear the seat belt when seated.
31. Before attempting to operate the equipment, familiarise yourself with the equipments controls. Make sure you understand their purpose and function.
32. Ensure that access to the equipment (steps, handrails, platforms, etc.) is free from grease, oil, fuel, snow, ice and other debris.
33. Be aware of underground pipes, cables and trenches.
34. Ensure your route is clear of people, obstacles and obstructions.
35. Before you start the equipment, you must know how to **STOP** it in an emergency.

UNLOADING FROM A TRAILER

36. No attempt must be made to either load or unload this equipment from a transporting vehicle unless you have previous experience in such operations.
37. If possible, load/unload the equipment in an area that is level and provides ample room for manoeuvring.
38. To provide additional stability, leave the towing vehicle attached to the trailer.
39. If jacks are fitted to the trailer, these must be lowered and secured before loading/unloading the equipment.
40. Ramps to aid loading/unloading must be of the correct type (i.e. size, load bearing, etc.) and be securely fixed to the trailer at the correct angle.
41. Always drive the equipment off the trailer and reverse on to it.
42. Always have an additional person(s) present to provide assistance when loading or unloading this equipment.

USING THE EQUIPMENT

43. Always be aware of what is happening around you.
44. Study and familiarise yourself with the equipments controls before switching-on the engine. They may operate differently to previous equipment you have used.
45. If the equipment is fitted with a roll over protection frame (ROPS), a seat belt must be worn whenever the equipment is being operated.
46. Before starting-off, ensure your route is safe and clear of steep slopes, obstructions and obstacles.
47. Always stop the equipment on firm, level ground and clear of other traffic.
48. Never transport passengers on any part of the equipment.
49. If the equipment is fitted with a water sprinkler for the roller, it must be used.
50. Do not use the equipment as a tow vehicle.
51. Be aware of slopes, soft ground and trenches. Slopes must be traversed in a low gear and never diagonally. Be aware of people working in nearby trenches and ditches.

52. When operating this equipment in reverse, ensure that your intended line of travel is free of obstructions and people.
53. When compacting surfaces, be aware of the effect of vibration on surrounding structures, buried pipes and cables.
54. Before attempting to clear debris trapped between the drum scraper and drive mechanism, you must bring the equipment to a **STOP** and turn the engine **OFF**.
55. Roller vibration must not be used on hard surfaces (concrete, frozen ground, etc.).
56. Always park the equipment on firm and level ground and away from other site traffic.
57. Stay in the vehicle until you have parked correctly. Always apply the handbrake as soon as the equipment becomes stationary.
58. You must operate the equipments amber flashing light when operating on or near a public highway, around industrial premises, construction/building sites, etc.

STARTING THE EQUIPMENT – ELECTRIC START

59. Check fuel and oil levels. Top-up if necessary.
60. Ensure the gear lever is in **NEUTRAL** and the handbrake is **ON**.
61. For cold starting, turn the ignition key to engage the **COLD START** device. Hold the ignition key in that position for approximately 20secs, then turn the key further to engage the starter. Keep the throttle fully open when starting the engine.
62. Should the engine fail to start, wait a few seconds and repeat the steps 60 & 61 above and hold the key in the **COLD START** position for a few seconds longer.
63. With a warm engine, turn the key fully to engage the engines starter.
64. Always allow the engine to warm-up before commencing work.

STARTING THE EQUIPMENT – HAND START

65. Check fuel and oil levels. Top-up as necessary.
66. Ensure the gear lever is in **NEUTRAL**, the handbrake is **ON** and the **STOP** control is pushed **FULLY HOME**.
67. For cold starts, operate the cold start device (usually located close to the fuel pump).
68. Move the decompression lever to the **DECOMPRESSION** position.
69. Engage and fit the starting handle onto the cranking shaft and rotate it anti-clockwise to engage the ratchet mechanism.
70. Take hold of the starting handle with one hand, making sure that your thumb is not curled around the handle (position your thumb on the same side of the handle as your fingers).
71. Rotate the starting handle sharply whilst lowering the decompression lever smoothly. Continue this action until the engine starts. Once the engine starts, remove the starting handle.
72. Always allow the engine to warm-up before commencing work.

SWITCHING-OFF THE EQUIPMENT

73. Use the engine **STOP CONTROL** to stop the engine. Do not attempt to stop the engine using the decompression lever.
74. Turn the ignition key to the **OFF** position and remove the ignition key.
75. Never leave the equipment running when it is unattended.

REFUELING

76. Refuel with diesel only.
77. Before refueling, move the machine to a safe environment.
78. Stop the engine and allow it to cool down.
79. Do not smoke whilst refueling, as diesel is inflammable.
80. Ensure the area around the filler cap is clean.
81. Use a clean funnel and clean diesel when refueling.
82. Be careful not to spill any fuel on yourself or the machine. Should a spillage occur, wipe clean and dispose of all fuel soaked material carefully and safely.
83. Replace the fuel cap and secure correctly.

SECURITY AND MAINTENANCE

84. Visually check the condition of the equipment at the start of each day.
85. If the equipment operates erratically, or incorrectly, do not use and do not attempt to repair it. Inform the hire company.
86. Periodically clean the equipment to ensure it is free from debris.
87. When the equipment is left unattended for long periods (i.e. overnight), ensure it is made secure to prevent unauthorised use or loss.