




### Section 1: Equipment Identification and Supplier details







|   |  |    |
|---|--|----|
| <b>Name</b>   | <b>Mikasa Plate Compactors 65 kg / 85 kg</b>   |    |
| <b>Recommended Use</b>  | Theses machine provide general compaction, flattening and levelling rough ground surface with irregularities. The machine can be used widely for light compacting works such as base work for paving and concreting. Do not use this machine for clay or material with high water content. |    |
| <b>Manufacturer / Importer</b>  | Mikasa Sangyo Co, Ltd, Japan<br>NZ Importer Youngman Richardson<br>www.yrco.co.nz  |    |
| <b>Emergency Contact details</b>  | Garry Bull (Upper Hutt Hire) 027 742 6583  |    |
| <b>Links to safety information</b>  | <a href="https://www.youtube.com/watch?v=hEaXzFmG2wQ">https://www.youtube.com/watch?v=hEaXzFmG2wQ</a><br><a href="https://www.youtube.com/watch?v=CQt_Cczys9Y">https://www.youtube.com/watch?v=CQt_Cczys9Y</a>   |    |
| <b>Does this equipment require a daily check or inspection and entry in a log book?</b> |  | No |

### Section 2: Emergency Stop


Turn the engine switch to 'OFF'. Turn off fuel tap.

### Section 3: Hazards Identification

|   |  |
|---|--|
|  | Exhaust gases are poisonous. <b>DO NOT</b> run the engine indoors or within a confined space. Always ensure there is adequate ventilation.                                       |
|  | <b>DANGER: RISK OF FLYING DEBRIS.</b><br>Always wear eye protection  |
|  | <b>SINGLE OPERATOR ONLY!</b> This machine is designed for control and operation by one attendant (operator) only, who must always stand directly behind the machine when in use. |
|  | <b>DANGER: RISK OF CRUSH INJURY.</b><br>Single Operator only. No other person within 2 meter vicinity of Compactor. Review the exclusion zone.                                   |
|  | <b>DANGER: RISK OF INHALATION OF PARTICULATE DUST.</b><br>Dry material may generate dust. Wear breathing protection as necessary.  |
|  | Do not allow persons to operate machinery without full and proper instruction in the use of the machine. Do not allow person under 18 year's age to operate the machinery.       |

|  |  |
|--|--|
|   | Fuel is flammable, especially on hot surfaces. <b>HANDLE WITH CARE!</b><br><b>Never refuel while the Engine is running.</b><br><b>Never use fuel as a cleaning agent.</b><br><b>Do not overfill.</b> |
|   | <b>Never leave the engine running when unattended. Shut the machine down even if unattended for a short period.</b>  |
|   | <b>Risk of Burns. The equipment, especially the exhaust and engine may become very hot. Do not touch!</b>  |
|   | Operation of the equipment must not be performed by persons under the influence of alcohol, drugs, medications or any chemical substances capable of impairing the abilities of that person.         |
|   | Continuous operation may result in exhaustion or stress to the operator. Take frequent breaks and do not operate if you are feeling tired.   |
|  | Check the battery is fully secured before starting. Carry out a complete inspection of the equipment before starting.  |

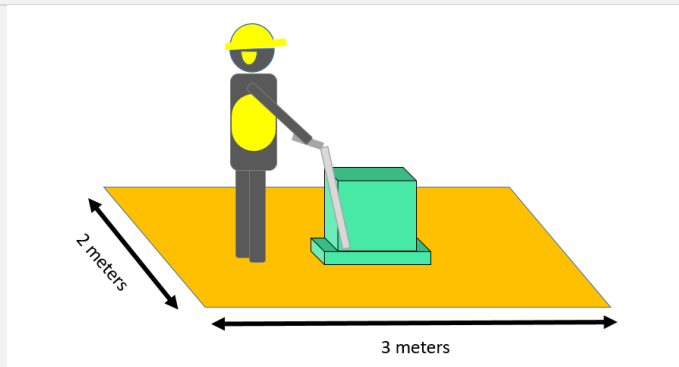
**Section 4: Noise and Vibration**

|   |   |
|---|---|
|  | Measured Sound level: 100 dB<br>Guaranteed Sound Power Level: 105 dB<br><b>OPERATORS MUST USE HEARING PROTECTION</b><br>Ear Muffs or plugs must be compliant with AS/NZS 1270:2002 Acoustics – Hearing Protectors <b>Class 5.</b> |
| Vibrations $a_w$ ( $m.s^{-2}$ )   | 7.0 m/s/s: According to the HSE “Ready Reckoner” Vibration calculator, do not operate the equipment for longer than 60 minutes continuously. Be aware of vibration-related health issues.   |

**Section 5: Work Zone**

**5.1 Work Zone Control or Isolation**

Does the work zone require control or isolation?



Yes: Isolate work area from the general public.  
 One operator only within 2 x 3 meter work zone.

**5.2 Precautions for site**

Do you have a  
FIRST AID KIT?



Do you have a  
FIRE EXTINGUISHER?



Can you make an  
EMERGENCY CALL?



**Section 6: Personal Protective Equipment (PPE)**

Appropriate Personal Protective Equipment (PPE) is required for the operator and persons assisting with loading and unloading.



Wear High Visibility clothing if you are working with other people on the work site. Breathing mask may be required. Tight fitting gloves recommended.

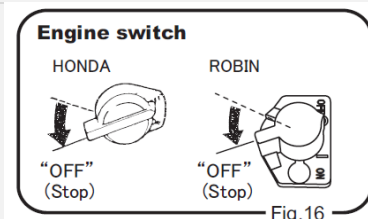
**Section 7: Fuel, Power Source and Lubricants**

|      |   |
|------|---|
| Fuel | Use Standard 91 Octane Petrol. Store in an approved fuel vessel |
| Oil  | Use SAE 10W-30 Grade oil.                                       |

**Section 8: Operation instructions**

**8.1 Starting**

Turn on the fuel tap.  
 Open the throttle lever to the idling position.  
 Turn the engine switch to "ON".  
 If cold starting, move the choke to the cold starting position.



Hold the recoil starter grip, and pull until you feel resistance. Now pull hard to turn the engine. Be careful not to pull too hard, as the starter cord may break. Allow the starter cord to slowly retract into the casing.

**After the engine has started, slowly move the choke back to 'normal' position and warm up the engine at low speed for 2 to 3 minutes. This is especially important in cold weather.**

### 8.2 Operation

Once the engine has warmed up, move the throttle lever swiftly to the operating position to correctly engage the centrifugal clutch.

When this machine is used on ground that contains clay, the ground surface tends to stick to the vibrating board, and the machine travel speed decreases. If this happens, check the bottom of the vibrating board to see if there is any clay adhered to the board.

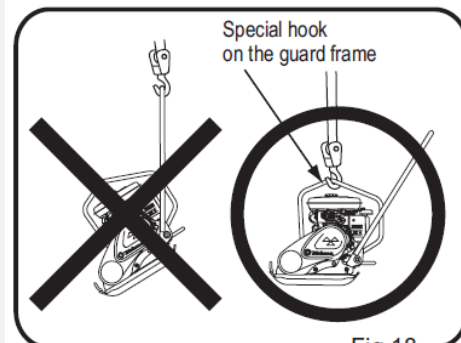
### 8.4 Stopping

Move the throttle lever to idle position. Run the engine for 3 to 5 minutes at low speed to allow it to cool down before stopping. Move the throttle lever to the idle position to stop the engine. Turn the engine switch to "Stop" and turn the fuel tap off.

## Section 9: Transport

When hoisting the Compactor, lift only at the designated 'lift' point', and never by the handle.

Secure safely and ensure the fuel tap is switched off



## Section 10: Additional Information

Always use common sense! It is not possible to cover every conceivable situation you can face when using our equipment. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions and the owner's manual, you should consult an expert before continuing. The information contained herein is true and accurate to the best of our knowledge. No warranty or guarantee is expressed or implied regarding the accuracy of information or instructions. Users MUST consult the manufacturer's manual or handbook. While every effort has been made to summarise the important Health and Safety information for the safe use of this equipment, Upper Hutt Hire Ltd shall not be liable in any way for any reliance by any person or entity on the accuracy of information or data contained in this document or its attachments.

Revision date March 2022 (SOP based on MVCF60R AND MVCF82RVAS Plate Compactor Manual Dec 2010 (402-03019)10-08-00(BSC)

### Reference:

HSE Exposure points system and ready-reckoner

<http://www.hse.gov.uk/vibration/hav/readyreckoner.htm>