



ARTIO WB227 Wheel Barrow

ORIGINAL INSTRUCTION MANUAL



Manufactured by Tracmaster Ltd

Before commissioning the machine, read operating instructions
and observe warning and safety instructions.

Manufacturer Details

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Machine Details

Model: ARTIO WB227 Wheel Barrow

Serial No:

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Purchase Date:

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Supplier:

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1.0 Introduction

1.1 Welcome

Welcome to Tracmaster and thank you for choosing ARTIO.

We are confident that you will be more than happy with your product.

Your Wheel Barrow is covered by a comprehensive warranty. However, the lifespan of your ARTIO Wheel Barrow depends on a number of factors. It is important that you read this manual carefully and follow the instructions regarding operation, maintenance, and care.

1.2 About This Manual

It is crucial that you read this manual carefully and understand it. Reading and understanding this manual should prevent you from operating the WB227 incorrectly and so extend the life of the machine.

This manual also contains important safety information about your machine. You must observe all safety instructions at all times. ARTIO machines are often updated and improved so models may vary due to differences in specifications.

Any illustration, description, specification, and technical data in this manual is correct at the time of printing.

For any questions relating to this manual please contact us.

During office hours (UK) we can be contacted on:

Phone: +44 (0)1444 247689

Email: info@tracmaster.co.uk

Website: www.tracmaster.co.uk



2.0 What the Machine is Designed For

2.1 Applications

The ARTIO Wheel Barrow has been designed by Tracmaster for carrying bulky items such as logs, bags of compost, soil and garden waste up to a maximum weight of 125kg.

DO NOT use the ARTIO Wheel Barrow for transporting people or animals.

DO NOT use the ARTIO Wheel Barrow to transport heavy loads or objects weighing more than 125kg.

DO NOT use the ARTIO Wheel Barrow on slopes of more than 5 degrees.

DO NOT use this implement before reading this manual.

DO NOT allow persons under the age of 16 to operate this implement.

DO NOT operate without correct safety clothing/footwear.

DO NOT allow any person other than the operator to stand near the implement when working.

DO NOT allow people in and around the working area.

DO NOT allow animals in and around the working area.

DO NOT stand on any guards.

DO NOT make any adjustments with the engine running.

DO make sure all guards are in place.

DO obey safety details.

DO make sure machine is switched off before making any adjustments or tipping the Wheel Barrow.

DO make sure the Wheel Barrow body is locked in the down position before loading or driving.

DO make sure equipment is in a safe condition.

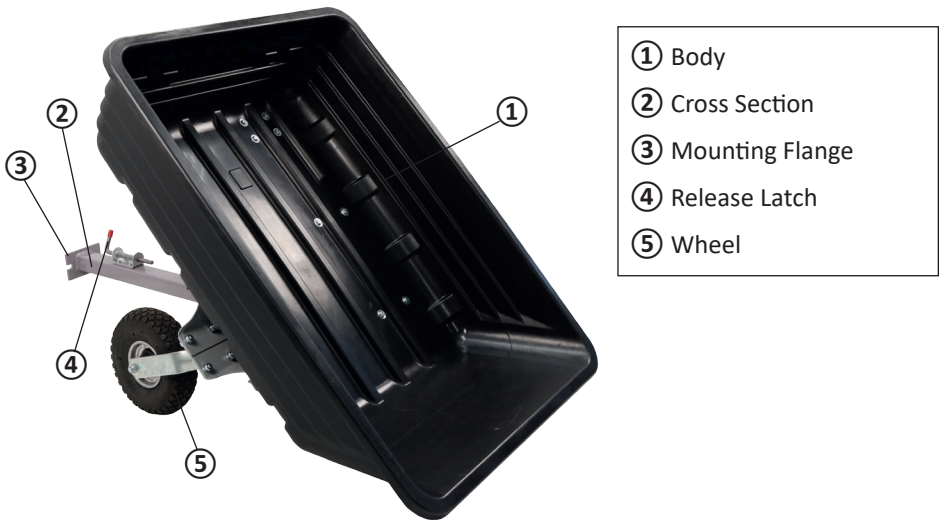
DO make sure equipment is regularly checked for wear or damage.

3.0 Specifications

MACHINE	
Model	WB227 Wheel Barrow
Max Gradient for Operation on Slope	5 degrees
Weight	40kg
Dimensions (l x w x h)	125 x 90 x 34cm

4.0 Unpacking and Assembly

4.1 Major Components Diagram



4.2 Unpacking Instructions

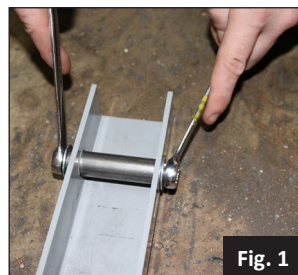
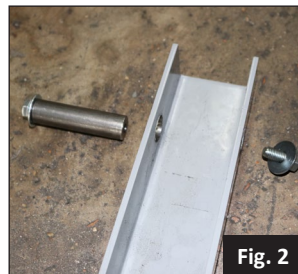
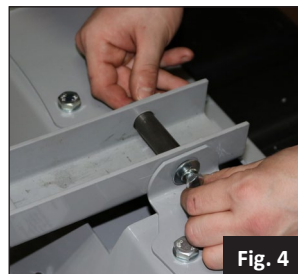
The WB227 Wheel Barrow is usually delivered on a pallet and covered with pallet wrap.

Carefully remove any outer packaging.

Dispose of any packing material. Please reuse or recycle where possible.

4.3 Assembly Instructions

1. Remove the cross section from its transport position.
2. Using a 13mm spanner remove one bolt from the frame connector and place to one side, then remove the frame connector and place to one side. (Figs. 1 & 2)
3. Locate the cross section into its working position. (Fig. 3)
4. Reinstall the frame connector removed in step three, ensure it passes through the cross section and base supports correctly (Fig. 4) and fully tighten.
5. Remove any straps or cable ties securing the Wheel Barrow to its pallet.
6. Locate and remove any cable ties or straps that secure the Wheel Barrow to the pallet.
7. Push the machine forward safely and gently off the pallet.

**Fig. 1****Fig. 2****Fig. 3****Fig. 4**

5.0 Preparing for Use

5.1 Attaching to the Power Unit

The ARTIO WB227 Wheel Barrow will need to be attached to the power unit. This is achieved as follows.

BCS 738 - BCS 740 - BCS 618 - BCS 630 - BCS 630WS

To attach the Wheel Barrow directly to the power unit, couple the implement to the machine PTO and make sure the nuts are tightened securely.

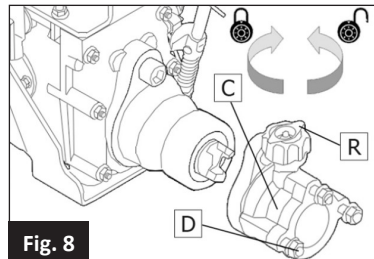
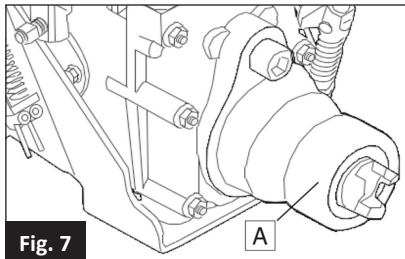
If the Implement Quick Coupling Assembly is being used then simply move the locking pin lever to raise the pin, then slide the male (blank) coupler (fitted to the Wheel Barrow) into the female coupler (fitted to the power unit) until the slotted hole lines up with the locking pin. Once the couplers are lined up in the correct position, release the locking lever to secure the two couplers together (Figs. 5 & 6).



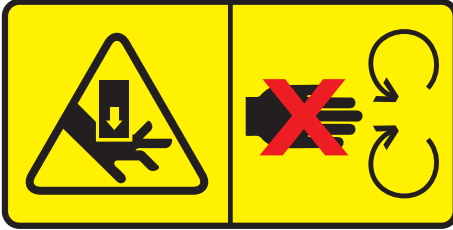
BCS 750 - BCS 660HY

The Wheel Barrow is mounted directly to the machine coupler (Fig 7,A) by attaching the coupler (Fig 8,C) that is fixed to the implement.

To fit and remove the Wheel Barrow simply rotate the knob (Fig 3,R). The device is locked by turning the knob clockwise and unlocked by turning the knob anti-clockwise. It is important that nuts (Fig 8,D) are well tightened.



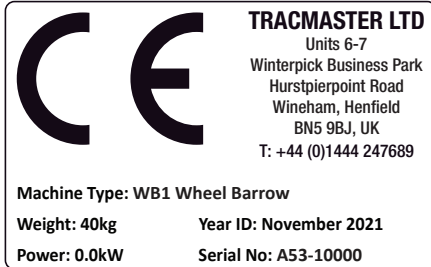
6.0 Hazard Pictorial Explanations



Risk of injury from crushing.
Keep hands clear of this area.



Warning! Before tipping the barrow always ensure that the power unit is stopped with the engine off and parking brake applied (or in first gear if no parking gear).



Machine identification label. Indicates compliance with European standards (CE mark). Includes unique serial number, machine weight, power output, and month and year of manufacture.

7.0 Operating the Wheel Barrow



IMPORTANT: Always read all separate instruction manuals supplied with the power unit before use, to ensure you are familiar with the machine's controls.

7.1 Transporting

When transporting the Wheel Barrow attached to power unit be careful not to strike objects, people, animals, walls, gates etc during transportation as injury or damage could result.

Never transport the Wheel Barrow without the body being in its locked, down position.

Select a suitable speed gear and proceed with caution.

NB: ENSURE THE PTO LEVER IS NOT ENGAGED ON YOUR POWER UNIT. DO NOT ENGAGE THE PTO LEVER DURING TRANSPORTATION.

To transport the Wheel Barrow in a vehicle or trailer, ensure the Wheel Barrow is placed on a firm flat surface and is suitably secured using ratchet straps or equivalent securing devices. If the Wheel Barrow is not suitably restrained it could cause damage or injury.

7.2 Working the WB227 Wheel Barrow

Ensure the working area is clear of people.

Ensure that during the operation of the Wheel Barrow people and animals cannot enter the working area.

Before moving off ensure the body is locked in its down position (Fig. 9).

Follow the instructions for your two-wheel tractor to engage the wheel drive and do not engage the PTO. Always select a wheel speed that allows full control of the two wheeled tractor and the Wheel Barrow.



If the Wheel Barrow is used on uneven surfaces care must be taken as the Wheel Barrow could cause the two wheeled tractor to tip over.

Heavy loads must always be evenly distributed or secured in the Wheel Barrow. If a heavy load is not evenly distributed or secured then it could result in instability.

7.3 Stopping the WB227 Wheel Barrow

The WB227 Wheel Barrow is controlled via your two-wheel tractor power unit. To stop the machine, follow the standard operating procedures to stop the wheel drive and power take off drive as instructed in your two-wheel tractor manual.

7.4 Tipping the Wheel Barrow

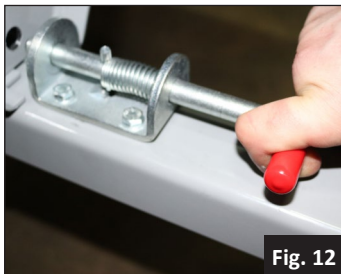
Stop the two wheeled tractor on a firm flat surface, switch the engine off and apply the brake.

If your two wheeled tractor does not have a brake select 1st gear and ensure the engine is switched off.

Pull the release latch located on the cross section fully towards the machine (Fig. 10), now twist the release latch 90 degrees clockwise or anticlockwise to lock it into its retracted position (Figs. 11 & 12).

Taking care now manually tip the Wheel Barrow body forwards.

Reverse this procedure to place the Wheel Barrow back into its locked, down position (Fig. 13).



8.0 Maintenance

8.1 Regular Maintenance Checks

Always clean the Wheel Barrow after use.

Remove any wire, string, plastic netting etc from the wheels.

Check the Wheel Barrow for damage after every use to prevent component failure or personal injury.

Check tightness security of nut and bolts periodically.

Check the condition and pressure of the tyres before use.

8.2 Storage

Always store Wheel Barrow in a clean, dry place.

Always clean the machine and dry thoroughly prior to storage and ensure all lubrication points have been re-greased.

8.3 Handling

Do not attempt to lift the Wheel Barrow alone. At least two people is the minimum required.

Gloves should be worn when lifting the WB227 Wheel Barrow.

When performing maintenance on the WB227 Wheel Barrow, if it is situated on a work bench, ensure that the machine is firmly held in position at all times.

9.0 Warranty

9.1 Conditions of Warranty

Tracmaster Ltd guarantees all equipment supplied by them against any defect in The Warranty applies to any part of the machine, except the engine, which presents manufacturing or assembly defects in the opinion of Tracmaster Ltd.

The Warranty covers the original purchaser of the machine from the date of sale for the warranty period. The Warranty is non-transferable.

The warranty period begins the day the machine is delivered to the customer and is valid for the following periods:

- For domestic or private use: 3 years
- For commercial and hire use: 2 years

Tracmaster Ltd will replace or repair, at their discretion, free of charge, any such defective material providing the machine is returned to their workshops or an Authorised Tracmaster Dealer (contact us or see www.tracmaster.co.uk).

Should the owner of the machine wish to install the parts themselves then the labour involved will be at their cost and will not be reimbursed. Expenses arising from any subsequent failure of any part due to incorrect assembly by the owner of the machine shall be borne by the owner of the machine.

To validate warranty the Warranty Registration Card must be completed and returned, or complete the form online at www.tracmaster.co.uk/pages/warranty-registration-form.

The Warranty does not cover any transport costs, or direct or indirect losses owing to loss of use of the machine as a consequence of manufacturing defects or mechanical failure.

No Warranty shall be acknowledged in the following instances:

- The failure is caused by non-compliance of Tracmaster's directions for the correct use and operation of the machine.
- Seals and settings have been tampered with.
- Repair or modification has not authorised by Tracmaster Ltd.
- Routine maintenance, as advised in this manual, has not been undertaken.
- Incorrect fuels or lubricants have been used.
- Wear to consumable items such as blades, tines, belts, cables, tyres etc.
- Normal wear and tear.
- The failure is due to abuse / misuse / neglect.

For any issues relating to the engine please contact an authorised service centre

for the engine. The engines are warranted according to the practices set by their respective manufacturers and distributors.

If an issue develops with the machine, within the warranty period, the problem must be verified by Tracmaster or an Authorised Tracmaster Dealer before any repair is undertaken.

Any other express or implied warranty is cancelled and substituted by this Warranty, whose clauses can be modified in writing only.

This Warranty provides specific legal rights and is in addition to any statutory rights. Your statutory rights are not affected by this Warranty.

For any queries relating to this Warranty Information please contact our Technical Department at Tracmaster.

9.2 Warranty Registration

To validate your warranty please complete and return the enclosed FREEPOST card.

Alternatively, complete the online registration form at www.tracmaster.co.uk.

10.0 Spare Parts

10.1 Parts Diagrams

The spare parts diagrams and part numbers for the ARTIO WB227 Wheel Barrow can be found on our website or by contacting our spare parts department.

Spare parts can be ordered via the following methods:

Phone: +44(0) 1444 247689 (option 1)

Website: www.tracmaster.co.uk

Email: spares@tracmaster.co.uk

Or via your local Authorised Dealer.

11.0 EC Declaration of Conformity



Tracmaster Ltd declares that the machinery stipulated below complies with all the relevant provisions of:

Machinery Directive 2006/42/EC

and the National Laws and Regulations adopting these directives and other relevant directive.

Manufacturer: Tracmaster Ltd
Units 6-7 Winterpick Business Park
Hurstpierpoint Road
Wineham
Henfield
BN5 9BJ
UNITED KINGDOM

Machine Description: Wheel Barrow

Type: ARTIO WB227

Serial No.:

Harmonised Standards applied (including parts of):

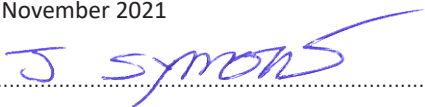
EN 12100-1:2003 & EN12100-2:2003	Safety of machinery: Basic concepts, general principles for design parts 1 & 2.
BS EN ISO 12100;2010	Safety of machinery: General principles for design – Risk assessment and risk reduction.
BS EN 953;1997+A1;2009	Safety of machinery: Guards.
BS EN ISO 11684;1995	Safety signs and hazard pictorials: General principles.
BS ISO 17080;2005	Design principles for single-panel product safety labels.

Responsible Person: Jody Symons

Position in Company: Technical Director

Address: Tracmaster Ltd, Units 6-7 Winterpick Business Park, Hurstpierpoint Road, Wineham, Henfield, BN5 9BJ

Date: November 2021

Signature: 



ARTIO WB227 Wheel Barrow

Original Instruction Manual

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