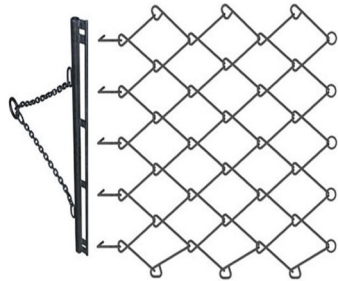
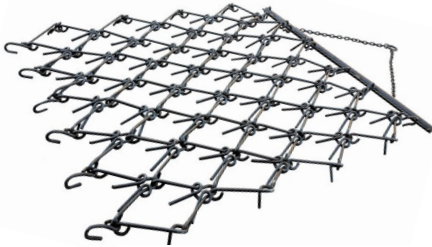




**William Hackett**

# Owner Manual

British Drag & Framed Harrows  
B-HC/B-HG/B-HF



**IMPORTANT: Read all instructions before using this attachment**

## **Congratulations on the purchase of your new attachment!**

Before you get started, we have provided a helpful space to jot down a few important details:

**Model number: B-HC / B-HG / B-HF**

**Serial number:**

**Date of purchase:**

**Factory reference: HC / HG / HF**

This manual should be considered a permanent part of this attachment and therefore should remain with it even if the attachment is subsequently sold.

The manufacturer continually seeks advancements in its product design and quality. Therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your attachment and this manual.

If you have any questions concerning this manual, please consult your local dealer.

## Safety Information

**Before installation/maintenance, ensure tractor and attachment are stationary with the hydraulic lift system in a neutral position, and the ignition key removed. Read and understand this manual fully before operating machinery. Failure to follow all safety standards can result in severe injury or death.**

1. Regularly check condition of/service both tractor and attachment.
2. Regularly check/tighten all bolts , nuts and screws.
3. Never consume alcohol/drugs while operating machinery.
4. This attachment is for use with compact tractors only, within the power range specified, and at the recommended speed at all times.
5. Only use for the indicated purpose. Do not use to transport personnel or livestock.
6. Always wear protective gloves, ear and eye protection and tie back long hair. Do not wear loose clothing.
7. Always check the immediate area is clear before operating.
8. Keep spectators at a safe distance.
9. Do not run the engine in an enclosed area.
10. Do not leave any machinery unattended while operating.
11. Do not touch moving parts.
12. Stop the engine immediately if excessive vibration occurs.
13. When travelling, keep the attachment in a transport position.
14. Ensure the engine is switched off before any maintenance. Be aware components can be hot after operation.
15. Pay attention to any sharp/pointed parts when servicing.
16. Always repair/replace any defective parts.
17. Do not modify the attachment in any way as this may impair the operation and overall safety.
18. Ensure all safety guards are in place and in good condition.
19. Keep all safety signs clean and legible. Replace missing/illegible signs.

## Safety Information (continued)

### Attachment & Tractor Checks

1. Before installing, the tractor and attachment should be stationary, remove the key from the ignition.
2. Check/tighten all bolts, nuts and screws.
3. Check the attachment is properly attached to the tractor. Ensure secure pins are used on the linkage mounting pins.
4. Add extra weights to the tractor front (or wheel weights) if required.
5. Install/secure all safety guards, doors and covers before operating.
6. Bystanders should leave the immediate area before connecting the drive from the tractor.
7. Regularly check wearing parts. Repair or replace as required.
8. Regularly clean the attachment, clear away any entangled material.

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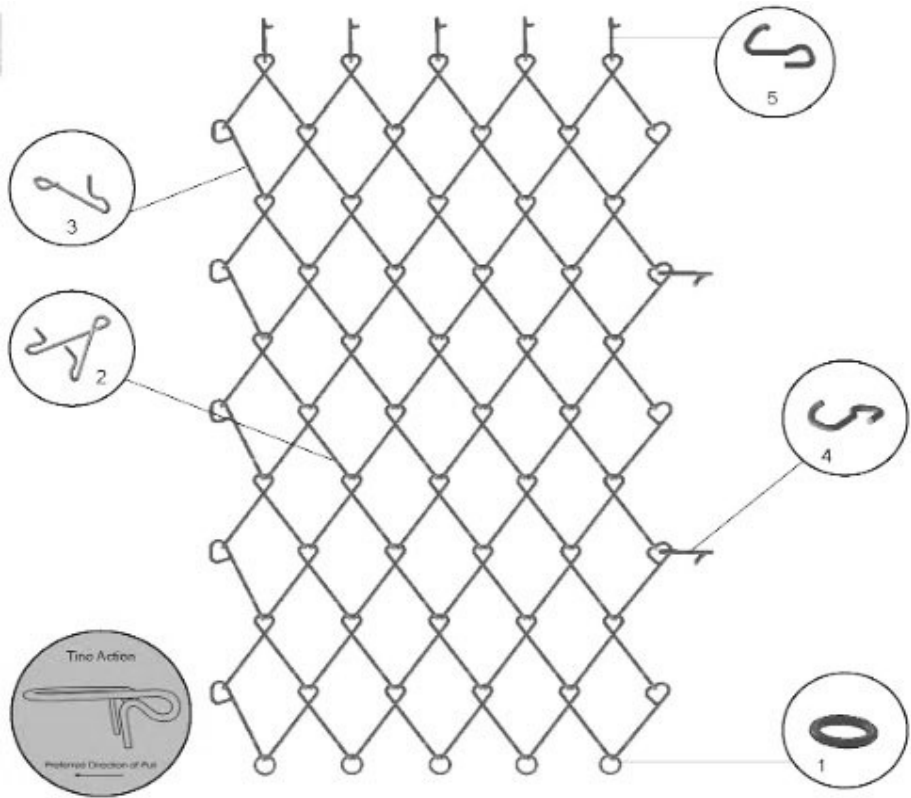
## Dimensions & Specifications

Model No.	Width (cm)	Wing Width (ft)	Weight (kg)	Tines
B-HG04	120	N/A	37	1-way
B-HG05	150	N/A	44	1-way
B-HG06	180	N/A	51	1-way
B-HG08	240	N/A	68	1-way
B-HC04	120	N/A	50	3-way
B-HC05	150	N/A	60	3-way
B-HC06	180	N/A	79	3-way
B-HF04	120	N/A	115	3-way
B-HF06	150	38	125	3-way
B-HF08	240	64	145	3-way
B-HF12	360	115	175	3-way

## Important Information

- The all harrows have a 5ft depth.
- 3-way tines: The harrows can be pulled in an aggressive or passive direction, and upturned for a smooth action. To make a change, disconnect the 'D' shackles, turn around, reconnect the harrow mats.
- The mounted frames are designed to pull the harrow in work and carry the harrow in transport. They are not to be used as a levelling bar (running at ground level).
- We recommend the frame operates approximately 15-23cm above ground level. Failure to do so will cause damage.
- The harrow mat and frame must be assembled and tested by a competent person. The operator must fully understand the operation and dangers inherent in using this equipment. Ensure the tractor being used is suitable for purpose.
- Paddock and grass harrow mats are fitted with pig tail hooks front and back, these are for use when connected to a drawbar. The pig tails are not to be used for connecting to a mounted frame.
- Framed harrows may have shackles attached to the main frame instead of pigtail connecting hooks.

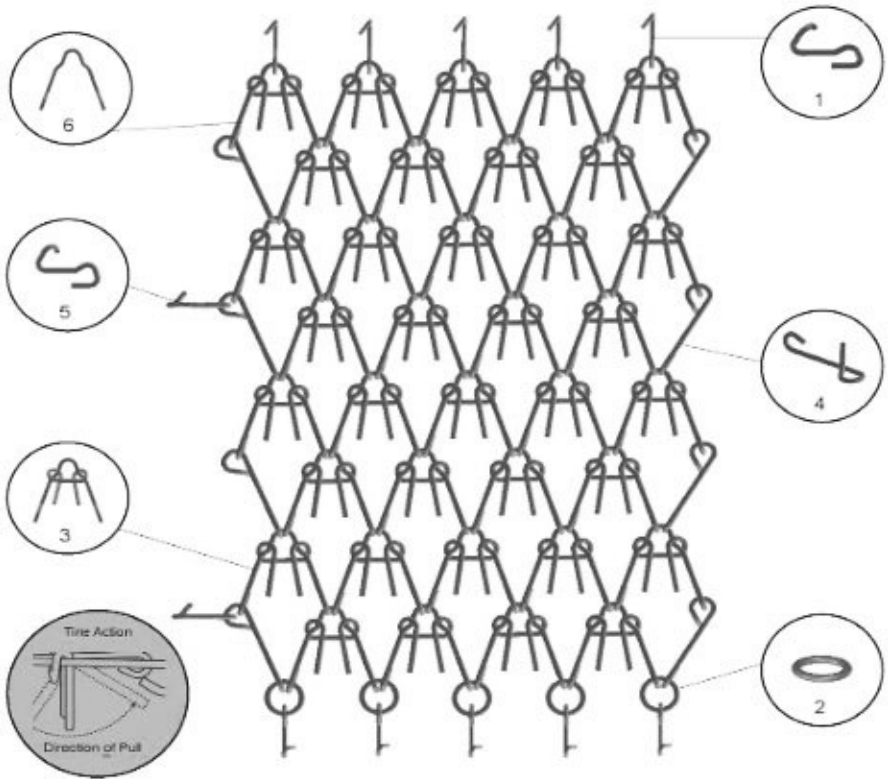
## Harrow Bed Parts List & Diagram (B-HG)



Diag. No	Part No	Part Name
1	121.01.12.50	12mm drop forged ring
2	979.125.WT	Body link (working tine)
3	979.125.SI	Side link
4	990.125.SH	Side hook
5	990.125.PT	Pigtail connecting hook



## Harrow Bed Parts List & Diagram (B-HC/B-HF)



Diag. No	Part No	Part Name
1	990.110.PT	Pigtail connecting hook
2	121.01.12.50	12mm drop forged ring
3	990.110.TA	Body link (working tine)
4	990.110.SI	Side link
5	990.125.SH	Side hook
6	990.110.HT	Body link

## Framed Harrow Parts List & Diagrams (B-HF)



Components	Fixings
<b>1</b> Centre section <b>1</b> 'A' frame section <b>1</b> Centre support bar <b>2</b> Wing sections <i>(frame width 6ft+)</i> Harrow mat(s) <i>(as applicable)</i>	<b>1</b> M12x80 bolt, nut & washer <b>4</b> M12x90 bolt, nut & washers <i>(frame width 6ft+)</i> <b>4</b> M20x65 bolt, nut & washers <b>1</b> M20x120 bolt, nut & washer <b>2</b> Lynch pins (11mm) <b>2</b> Cat 1 & <b>2</b> Lower link pin <b>1</b> Transport safety chain Rear fixing chains: <b>7</b> links <i>(Qty to match harrow width)</i> D' shackles <i>(Qty to match harrow width)</i>

## Notes



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