

USA Flat Pack Frame Assembly Instructions

Mounted Chain Harrow 6'-0" - 12'-0" Width

Component Parts	Fixings supplied separately in a bag	
1 Front Section	8 M20 x 90 Bolts, Nuts & Washers	Rear Fixing Chains (11 links)
1 Rear Section		'D' Shackles
1 'A' Frame	2 M20 x 50 Bolts, Nuts & Washers	(Qty to match width of harrow)
1 'Y' Frame	4 M20 x 65 Bolts, Nuts & Washers	
1 Left Hand connecting bar	1 M20 x 120 Bolt, Nut & Washer	
1 Right Hand connecting bar	2 Lynch Pins (11mm)	
1 Harrow Mat		

Important Safety Notice

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. If in doubt - consult your approved dealer.

Instructions

Remove all packaging and dispose of and recycle where possible. Check that all components are present. 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.



- 1
- Place frame component parts on a flat level surface. Using the 8 x M20 x 90 bolts, nuts and washers, attach the L/H connecting bar (identified with one weld dot) to the front section and attach the R/H connecting bar (identified with two weld dots) to the front section. Then attach both connecting bars to the rear section. **NB. Do not fully tighten at this stage.**
- Fit 'A' frame with offset linkage pin to the front using 4 x M20 x 65 bolts, nuts and washers, into the bottom two holes in each leg. **NB. Do not fully tighten at this stage.** Attach 'Y' frame into bottom hole in the top of the 'A' frame using 1 x M20 x 120 bolt, nut and washer.
- Attach the two 'Y' straps to the corresponding lugs welded to the connecting bars using 1 x M20 x 50 bolt, nut and washer on each side. **NB. All nuts can now be tightened.**
- Connect the assembled frame to tractor 3 point linkage using the 'A' frame.



- 2
- Roll out the harrow mat ensuring that it is positioned for the correct direction of pull (for heavy grass, we recommend that the hooks are positioned at the front of the harrow with the rings at the back, but this is for guidance only).
- 3
- Position Harrow Frame over the harrow mat(s) and secure, using the 'D' shackles on the front and the 'D' shackles and (11 links) mounting chains on the rear, to the corresponding frame chain link welded to the front and rear of the frame.
- 4
- Our range of 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 6" (150mm) above ground level at front and 9" (225mm) at rear.
- Failure to adhere to this instruction will cause damage to the frame and possibly the harrow and make the warranty null and void.



William Hackett
Chain Products Limited

Maypole Fields • Cradley • Halesowen • West Midlands • B63 2QE

Tel. +44 (0) 1384 569431 • Fax: +44 (0) 1384 639157

info@williamhackett.co.uk • www.williamhackett.co.uk

Company Registration No. 09679024 • VAT Reg. No. 217 3054 36



William Hackett
Chain Products Limited

*USA Flat Pack
Frame Assembly
Instruction*

Mounted Chain Harrow

6'-0" to 12'-0" width

Distributed by:

The policy of William Hackett Chain Products Limited is one of continuous improvement.
The right to change specifications or equipment at any time is reserved.
All weights and measurements shown in the brochure are approximate.

Hackett Harrows