

INSTALL & MAINTENANCE GUIDE

Heavy Duty Cattle Crush

PREMIUM HANDLING EQUIPMENT

SEPTEMBER 2025



Proudly Australian Made - Built to Last

Thank you for choosing a Norton Heavy Duty Crush, backed by the Gallagher family. This guide will help you quickly install and maintain your crush for safe and efficient livestock handling.



Installation

① Prepare the Site

Ensure the area is level, stable, and well-drained. A solid base will prevent the crush from shifting during use.

② Concrete Slab Preparation

Box and pour a level concrete slab:

- Minimum 100mm thick slab
- Reinforce with Rio bar to prevent cracking
- Extend slab 300mm beyond the crush footprint on all sides

③ Allow Concrete to Cure

Once poured, allow the concrete slab to cure completely before installation.

④ Position the Crush

Place the crush on the slab, ensuring there is a 300 mm clearance around the entire unit for safe operation and maintenance.

⑤ Secure the Crush

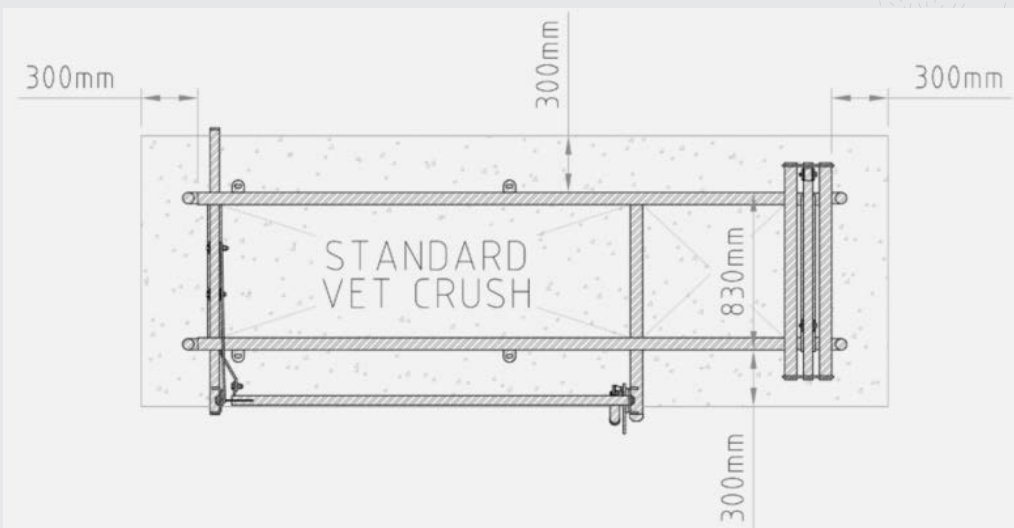
Bolt through tabs on the crush based, into the concrete slab. Use galvanised dyna bolts 100mm x 12mm as follows:

- Weigh Ready
- Super Heavy Duty Vet Squeeze
- Heavy Duty Vet
- Heavy Duty Economy Vet

⑥ Final Install Check

Walk around the crush and check all bolts are secure.

- Test equipment to ensure smooth operation.

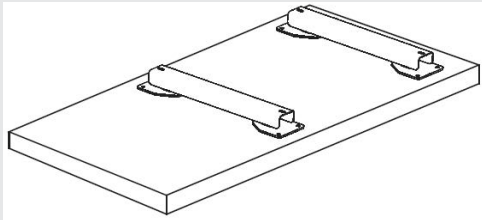


Load bar installation

IMPORTANT: Do not use an arc welder on either the platform or the load bars. Use of an arc welder may damage the load cells.

① Position load bars

Position the load bars on the foundation to suit the platform or crate. The load bars should be located as close as possible to the ends of the platform or crate.



③ Secure the load bars

It is recommended that the load bars are secured to the foundation. To secure the load bars, follow these steps.

- Mark the load bar feet holes on the foundation.
- Drill and fit fasteners to suit the type of foundation. Dynabolts can be used with concrete foundations; bolts, nuts and washers can be used with board foundations.
- Tighten the fasteners to secure the load bars to the foundation.

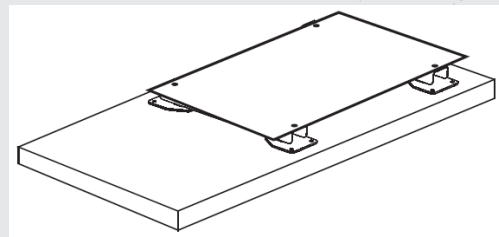
Note: Ensure that the load bar chassis does not twist or distort as the fasteners are tightened. If the load bar feet do not sit flat on the foundation, grout the surface to suit.

② Ensure feet are level

Ensure that the load bar feet sit flat on the board or concrete pad.

④ Attach crate

Attach the crate or platform to the load bars using the fasteners supplied.



Maintenance Guide

Lubrication

Lubricate all moving parts regularly, including:

- Head Bail tracks
- Slam Shut Latches
- 6 grease nipples on the Head Bail
 - keep greased at all times

Use grease and spray lubricant as needed

IMPORTANT: Do NOT lubricate the sliding bar of the locking cell (Lubrication here will stop the Head Bail from holding)

Bolts

- Check all bolts regularly for tightness
- Bolts should be firm (no slop), but not over-tightened
- Replace worn bolts immediately

Cleaning

- Wash down the crush after every use
- Re-lubricate moving parts after cleaning

This prevents rust and extends the life of your equipment

Troubleshooting:

Head Bail Won't Hold?

- **Loosen** the locking nut
- **Tighten** the adjustment screw (Allen key) half a turn clockwise
- **Re-tighten** the locking nut
- **Test** the Head Bail

Repeat these steps if necessary



- Undo locking nut using 16 millimetre spanner.
(See image above)



- Use 8 millimetre Allen key to adjust adjustment
- Screw clockwise
- Start with quarter turn only



- Retighten locking nut
- There should always be approximately A10 millimetre space between nut and screw.



- Make sure to not over tighten locking nut or adjustment screw
- If head Bale is still slipping, repeat process again with an additional clockwise quarter turn.



Warranty & Support

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