



FARMING SOLUTIONS
LIVESTOCK HANDLING SPECIALIST ENGINEERING
Selected & Optimised by Alan Hughes, 5th Gen Farmer

CLIPEX®
AUTHORISED PARTNER

1500 SERIES CATTLE CRUSH

Model: HD - 1500 (Pneumatic Double-Parallel Squeeze)

Farming Solutions Ltd - Herd Welfare & Handling Analysis

Built from 450MPa grade steel and hot-dip galvanised for maximum corrosion resistance, the HD 1500 Series is engineered for high-throughput cattle handling with minimal stress. It is designed for commercial farms, veterinary work, and repeated daily use.

The double parallel squeeze creates a calm, even hold around the animal, while the silent pneumatic system and infinite-lock headbail improve safety, handling speed, and operator control.

TECHNICAL SPECIFICATIONS

Overall Length	3460 mm
Internal Squeeze Length	1945 mm
Overall Height	2330 mm
Overall Outer Width	1190 mm
Internal Width Range	290 mm - 820 mm
Steel Grade	450 MPa HD Rail
Finish	Hot Dip Galv (ISO 1416)

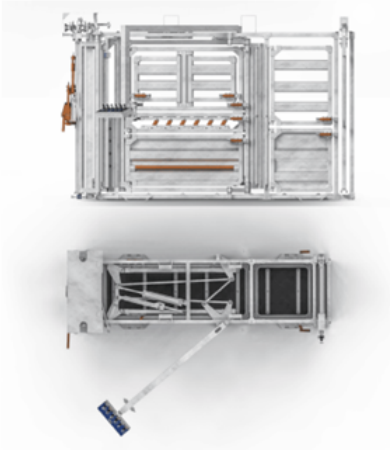
WEIGH SCALE / LOAD BAR SETUP

Integrated structural loadbar mounts allow direct installation under popular setups:

- Tru-Test HD5T (Adds 188 mm Height)
- Gallagher 5000kg (Adds 95 mm Height)
- Gallagher 2500kg (Adds 95 mm Height)

Always use integrated forklift lifting lugs when transporting or positioning.

TECHNICAL FOOTPRINT & ELEVATION DRAWINGS



PREMIUM STANDARD FEATURES

- **Pneumatic Ultra-Locking**

Silent, low-pressure system with infinite locking for stress-free handling.

- **Integrated TB Access**

Vet-approved split doors on both sides for streamlined bovine TB inspections.

- **Super Duty Head Scoop**

Infinite silent locking headbail with hybrid low-air pressure mechanical lock.

- **Non-Slip Mesh Floor**

Expanded mesh with polyurethane coating for durable, safe livestock footing.

- **Anti-Rattle Slam Catches**

Patented Clipex castings ensure quiet operation and reduced animal panic.

- **Full Vet Section**

Complete rear access for scanning, AI, and veterinary procedures.

ENGINEERING DETAIL

SILENT LOCKING & LATCH SYSTEM



Clipex patented castings and nylon bushes in all hinges eliminate metal-on-metal noise, creating a quieter, calmer handling environment for both stock and operator.



LIVESTOCK WELFARE & OPERATOR SAFETY

The HD 1500 is designed to improve both animal welfare and working efficiency. By using a pneumatic double-parallel squeeze, the crush applies even pressure to both sides of the animal simultaneously, creating a calm and controlled restraint effect.

Reduced stress leads to:

- Lower cortisol levels for better recovery post-treatment.
- Faster throughput as animals remain calm and willing to move.
- Significantly improved safety for the handler and veterinarian.

CONCRETE PAD SITE PREP ADVISORY

FOUNDATION & SLAB REQUIREMENTS

MINIMUM DIMENSIONS

2500 mm (W) x 4000 mm (L)

MINIMUM THICKNESS

110 mm (Slab Depth)

CONCRETE COMPOSITION

25 MPa Grade Rating

STEEL REINFORCEMENT

SL72 Mesh, 20 mm Aggregate

Safety Footprint Margin: Ensure finished edge extends at least 300 mm past outer frame.



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FETF GRANT ELIGIBLE

Government Funding Available

Secure £6,590 in funding for 2026.

This premium crush exceeds British Standards for safety and herd welfare, making it eligible under the latest Farming Equipment and Technology Fund grants for animal handling upgrades.



READY TO UPGRADE YOUR SYSTEM?

Contact Alan Hughes for a bespoke yard design and FETF quote.

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