

Technical Specification - Clipex 2000 Cattle Crush | Farming Solutions Ltd

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

CLIPEX® AUTHORISED PARTNER

2000 SERIES CATTLE CRUSH

Model: HD - 2000 (Automated 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 2000 Series is the flagship of the Clipex range. It is engineered for high-throughput, industrial-scale cattle handling where automation and one-person operation are paramount.

The double parallel squeeze creates a calm, even hold around the animal, mimicking a “hug” to reduce cortisol levels. The HD 2000 adds advanced automation capabilities, including auto-catching and auto-locking rear gates, making it the most efficient handling solution for modern commercial farms and veterinary facilities.

TECHNICAL SPECIFICATIONS

Feature	Specification
Overall Length	3800 mm
Internal Squeeze Length	1945 mm
Overall Height	2310 mm
Overall Outer Width	1290 mm
Internal Width Range	350 mm - 750 mm
Construction Weight	2000 kg
Steel Grade	450 MPa HD Rail (120x40)
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)

Note: Always use integrated forklift lifting lugs when transporting or positioning.

PREMIUM STANDARD FEATURES

- **Fully Pneumatic Operation:** Silent, low-pressure system with infinite locking for stress-free handling and automated catching.
- **Auto-Locking Rear Gate:** Heavy-duty pneumatic sliding gate with automatic locking for increased throughput and safety.
- **Super Duty Head Scoop:** Infinite silent locking headbail with hybrid low-air pressure mechanical lock.
- **Full Vet Section:** Complete rear access for scanning, AI, and veterinary procedures with 10+ serviceable access doors.
- **Removable Floor:** Standard expanded mesh with polyurethane coating for durable, safe livestock footing and easy cleaning.
- **Anti-Rattle Slam Catches:** Patented Clipex castings and nylon bushes in all hinges eliminate metal-on-metal noise.

LIVESTOCK WELFARE & OPERATOR SAFETY

The HD 2000 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.
 - One-person operation via remote control or automated drafting modules.
-

CONCRETE PAD SITE PREP ADVISORY

FOUNDATION & SLAB REQUIREMENTS

Parameter	Requirement
Minimum Dimensions	2500 mm (W) x 4500 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.

GOVERNMENT FUNDING AVAILABLE

FETF GRANT ELIGIBLE: 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 (FETF) grants for animal handling upgrades (FETF60 Pneumatic).

READY TO UPGRADE YOUR SYSTEM?

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

Tel: 07890 325264 Email: alan@farmingsolutionsltd.com Website: www.farmingsolutionsltd.com