

# Cow Kennels

house & feed



spacious • excellent ventilation • using only sustainable timber

**Farmplus**  
MANUFACTURER OF TIMBER BUILDINGS

Farmplus cow kennels are available in a wide combination of layouts including single, double and multiple banks of kennels, all of which are available as sleep only, or with covered feed area facilities.

Farmplus kennels and house and feed units are available in a range of three designs:

Standard

Elite

SuperElite

All three designs offer uniformity in bed size, but with a variation in passage widths, roof heights, ventilation, to name but a few. See diagrams and table below for further information.

Design features, which are consistent throughout the range, include:

- multi-span design providing excellent ventilation for a healthier herd,
- kennels of a size and design that provide greater cow comfort,
- roofs are pre-painted steel or fibre cement with translucent roof sheets for optimum natural light.

The combination of these design features provides a superior environment for health and welfare.

Farmplus offer free advice on the design, layout and choice of structure that best suits your needs.

All of the timber used in Farmplus buildings is from sustainable forests.



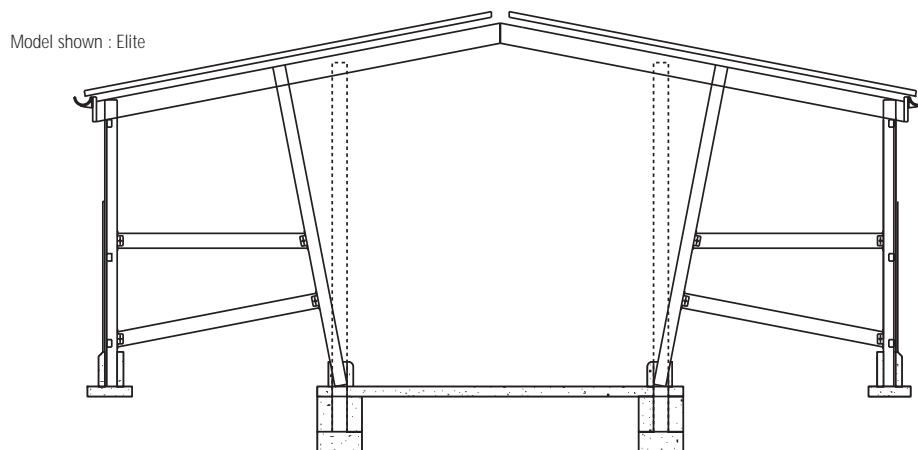
Standard



Elite



SuperElite



	Outer Concrete Kerb	Heel Kerb
<b>Standard</b>	200 x 350mm (8" x 14")	150 x 250mm (6" x 10")
<b>Elite</b>	250 x 350mm (10" x 14")	150 x 250mm (6" x 10")
<b>SuperElite</b>	250 x 350mm (10" x 14")	150 x 250mm (6" x 10")

Continued study into cow behaviour has resulted in the design of the Farmplus kennel. A combination of kennel rail position and generous bed size offers the cow greater freedom of movement whilst providing good back support and ample lunge space when rising. Such design is an important aspect of herd health, welfare and cleanliness.

The concrete kerb which forms the raised kennel bed provides the cow with a wide, firm base on which to stand. Concrete has substantial benefits over its narrow timber counterpart: it is unaffected by muck and water and will not split, buckle or rot. Concrete also offers a solid surface for the tractor scraper to work against and adds considerably to the strength and durability of the building as a whole.

The lean-back kennel upright offers considerably greater space for cow movement whilst eliminating damage from bullying, crowding and tractor drivers. The lean-back kennel uprights, as with all timber sections throughout the building, are the largest on the market – no other company compares.



Standard Dung Passage



Elite Dung Passage



SuperElite Dung Passage

Multi-bank Kennels



Passage Widths	Dung	Feed	Tractor
Standard	2650	3300	4500
Elite	3000	3550	4900
SuperElite	4250	4750	4900



Standard Feed Passage



Standard Tractor Passage



Elite Feed Passage



Elite Tractor Passage

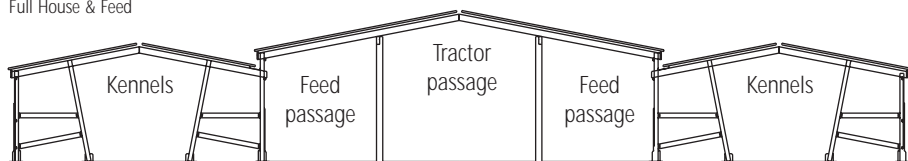


SuperElite Feed Passage

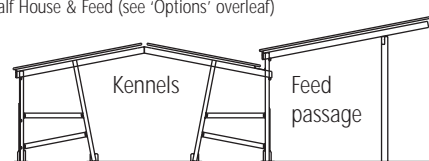


SuperElite Tractor Passage

Full House & Feed



Half House & Feed (see 'Options' overleaf)

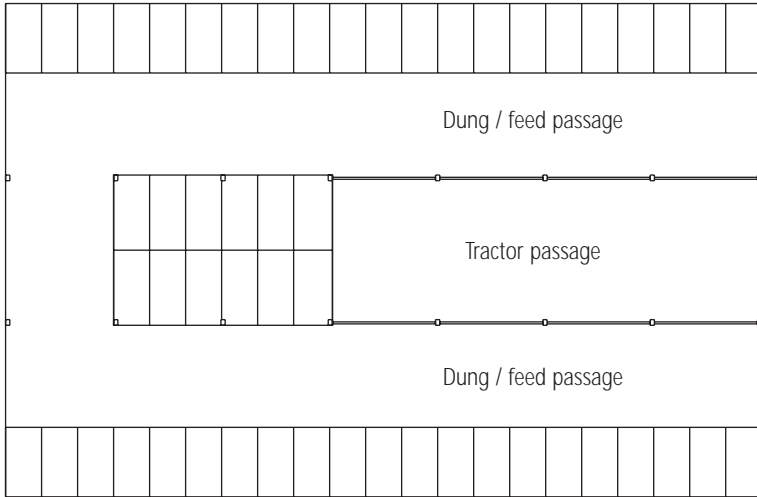


Clearance Heights	Dung	Feed	Tractor
Standard	2650	2750	3400
Elite	3100	3250	3950
SuperElite	3100	3250	4200

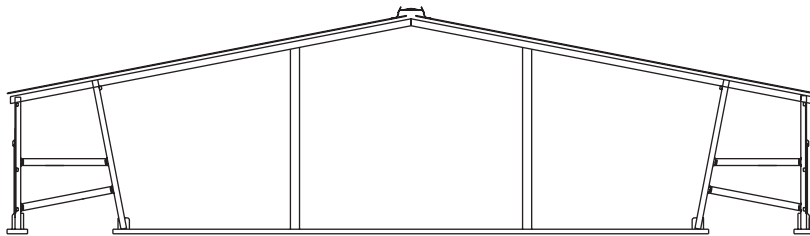
# The Cleveland

The Cleveland is very popular in areas of adverse weather conditions because of the very substantial structure and 'protected' ventilation. One end can be permanently closed against the weather without impairing herd management.

The Cleveland retains all of the high quality Farmplus construction features and, at the same time, offers exceptional value for money with its ingenious compact layout.



The plan shows an example of a 54 cow unit with circulation point. Entrances can be closed permanently or have gates/doors.

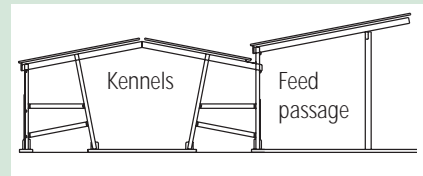


Widths	Overall	Dung / Feed Passage	Tractor Passage
Standard	16400	3300	4500
Elite	17400	3550	4900
SuperElite	19800	4750	4900

Clearance Heights	Dung / Feed Passage	Tractor Passage
Standard	2550	3250
Elite	3100	3800
SuperElite	3100	4000

# Additional Options

The **Half House and Feed** is a flexible configuration that is particularly good for a narrow site. The format means that the building can be easily extended by adding a mirror image extension. The Half House and Feed is an excellent resource for small herds providing that a sheltered aspect is available for the open sided feed area.



Feed area can have optional extended roof.

See centre pages for dimensions etc.

All Farmplus buildings can accommodate **Robot Milker** systems with minimal adaptation.



All Farmplus buildings that have feed area facilities have a single tubular steel feed control incorporated as a standard feature.

Optional feed barriers are available upon request.

The generous kennel size means that young stock and Channel Island can also be accommodated. Herds can be split easily within each unit for different feed regimes. The kennel head rail can be adjusted as required and calving boxes, collecting yard, dairy / parlour can be included as options. The whole can be easily extended to accommodate an increasing herd size.

## Design Features

- Optimum ventilation – an important aspect for a healthier herd and reduced vet's bills.
- Kennels of a size and design that provide greater cow comfort – a key feature of health and welfare.
- Translucent sheets placed strategically throughout the roof sections of the building for optimum natural light – a more natural environment whilst saving on energy costs.

## Construction Features

- Roofs are polyester coated steel or fibre cement sheeting.
- End kennel frames incorporate substantial 150mm x 150mm (6" x 6") timbers which are bedded into a concrete foundation to provide strength where it matters most.
- Structure conforms to BS.5502 Class 2.
- The concrete kerb which forms the raised kennel bed provides the cow with a wide, firm base on which to stand. Concrete continues to cure over time and simultaneously gains strength and is therefore unaffected by muck and foul water.
- To ensure maximum longevity, all Farmplus timber is preserved by vacuum pressure impregnation, under strict quality control conditions and in accordance with DEFRA specifications. All steel fixings are corrosion resistant.

## Erection

- Farmplus supply experienced erection teams to construct your building, or by following our comprehensive base and assembly instructions, you can erect it yourself.
- The concrete base, kerbs etc. can be laid with either farm labour or by your own nominated groundwork contractor or maybe one recommended by Farmplus – the choice is yours.
- Site evaluations, levels and setting out can all be carried out by Farmplus at no extra cost.

## The Timber We Use

Wood is the most environmentally friendly commercial building material known to man. In Europe we only harvest 65% of forest growth; therefore tree numbers increase every year. Uniquely it is renewable and, even allowing for the energy required for logging, shipping and processing, it is effectively carbon neutral: for every cubic metre of growth trees absorb one tonne of carbon dioxide from the atmosphere, storing it as carbon and releasing oxygen.

Because wood breathes it helps keep the indoor environment of a Farmplus building healthy. It does this by balancing the humidity inside, absorbing moisture when it's wet and releasing it when it's dry.

Wood is also naturally beautiful; it has warmth, character and integrity, features that never go out of fashion.



Printed on recycled paper.

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# Farmplus

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