

DESIGNED AND MADE IN NZ TO MEET RIGOROUS NZ BUILDING CODES AND EXCEED YOUR EXPECTATIONS.





Hello and thank you for getting in touch with us!

By partnering with SmartShelters, you're on the way to smarter farming through improved productivity, better cow health and a lighter environmental footprint.

A bit about us: Our roots go back 100 years, to our beginnings making military canvas products for the Allied troops in the First World War. Our family took ownership of the business 50 years ago and we're in the fourth generation of family management.

We love working with dairy farmers all over New Zealand to really make a positive difference to the way they farm, and it all starts with a good chat on-farm.

We're here to make a difference for you. Call us today, we're looking forward to working with you.

Yours sincerely,

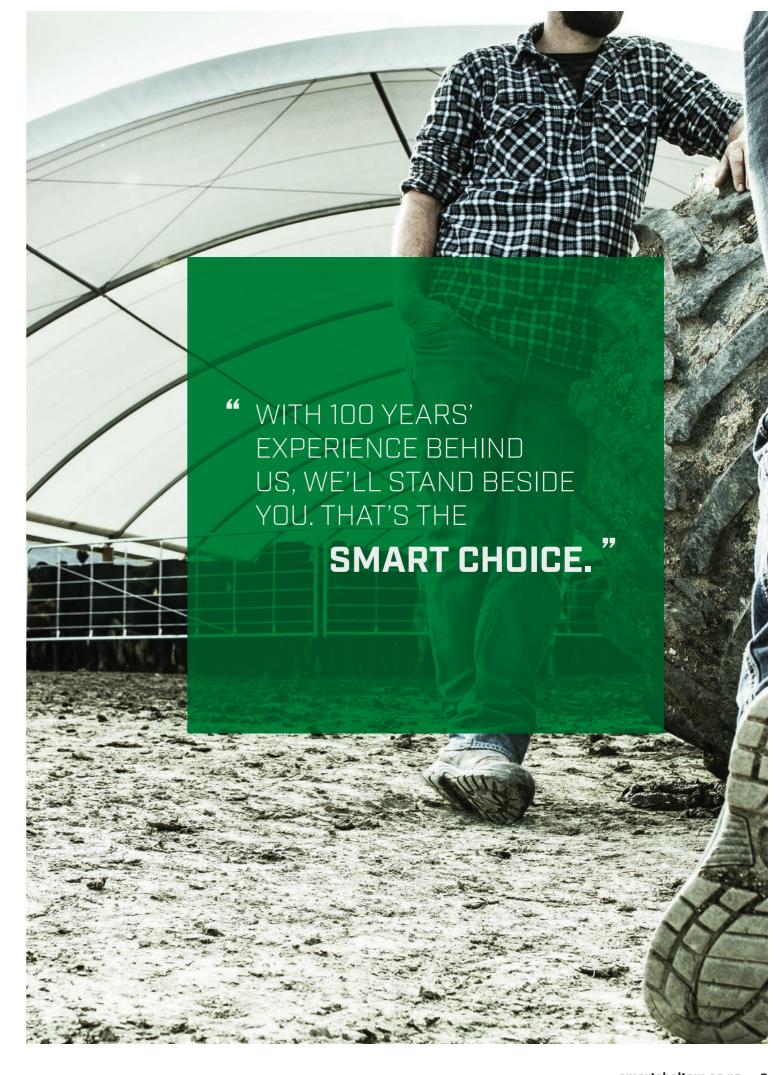
Harvey Cottle Sales Manager, SmartShelters



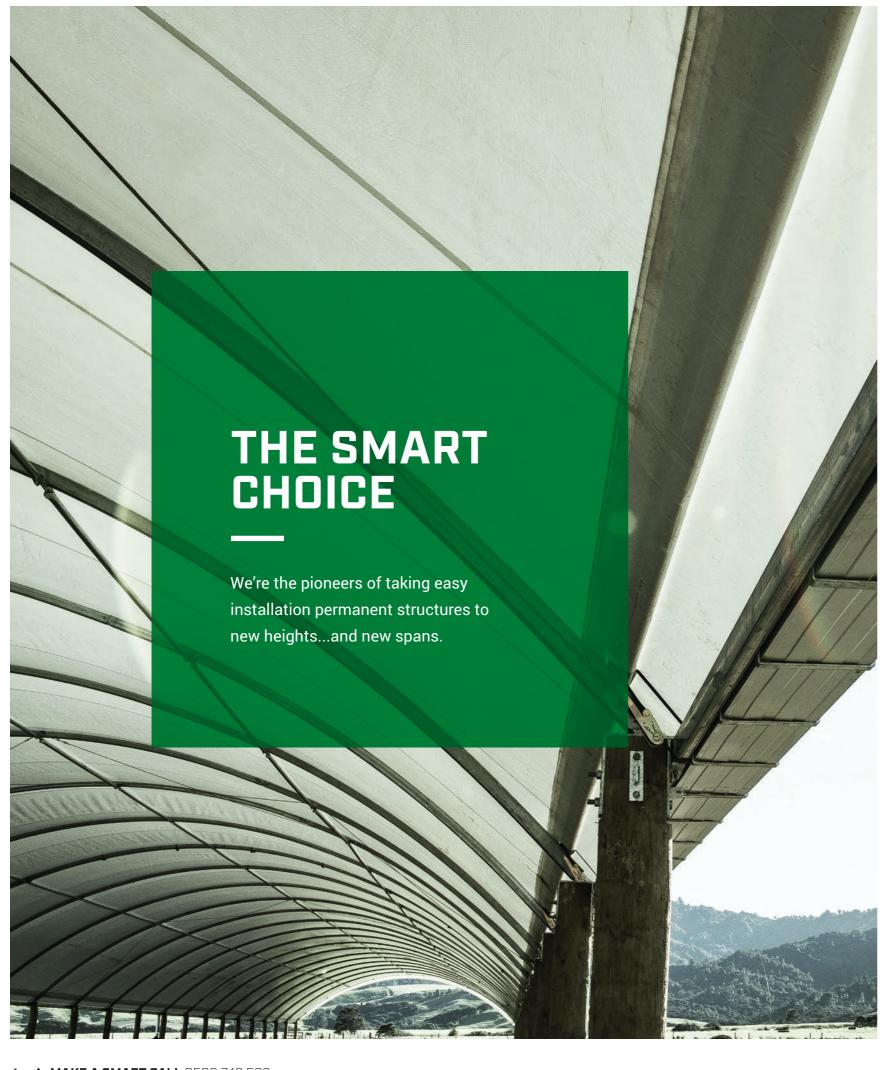








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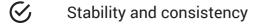
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SmartShelters. The most able structures in NZ. Customisable, adjustable and relocatable. **That's smart.**



- Rigorously designed and engineered to suit your specific location, whether you're in the Far North, the Deep South or anywhere in between
- Refined and developed over a century in business and counting. We're with you for the long haul
- Fully supported by our nationwide installation network

Commitment to making a difference to farming

- Our team work with you to put together a SmartShelters structure which is specifically designed for where and how you farm
- You have the benefit of our experience, research and network of farmers in deciding which system is best for you
- SmartShelters designs draw on the latest and best developments in dairy housing to keep you ahead of the industry









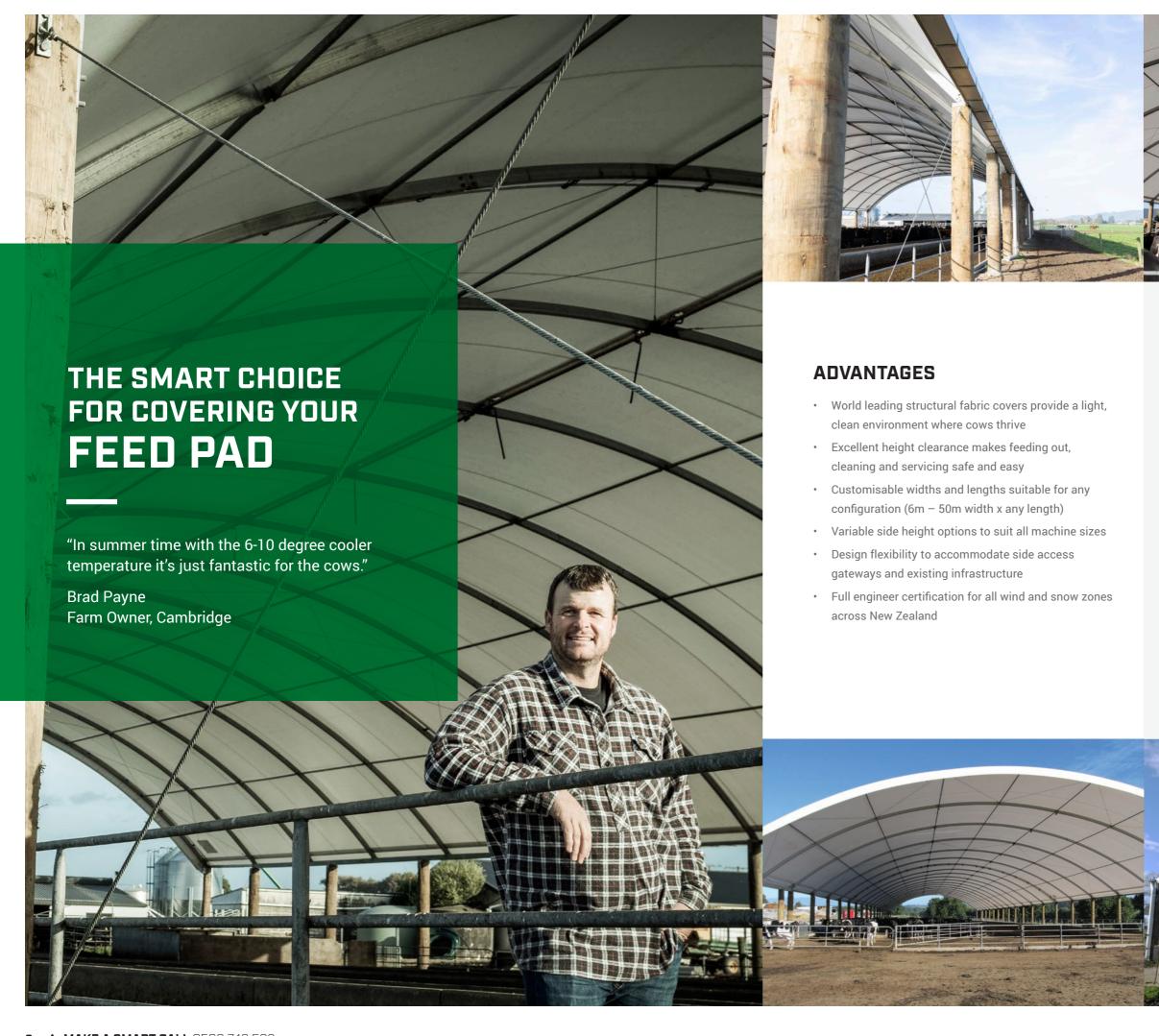
Change your approach to farming

- SmartShelters structures give you choices and let you fine-tune your inputs, processes and outputs
- · Better control over effluent through capture and containment
- · More options for pasture management in challenging weather
- Boost productivity by improving feed utilisation and reducing feed intake, while increasing milk production

For 100 years at the leading edge of fabric innovation

- We've spent the past hundred years challenging and developing the use of industrial fabrics to solve the needs of the agricultural and commercial sectors.
- SmartShelters structures utilise the highest-performance structure fabric in the world, which has an untouchable track record not only in New Zealand, but right across the globe.
- Robust and efficient engineering design keeps structure costs down and boosts your return on investment

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KEY NUMBERS

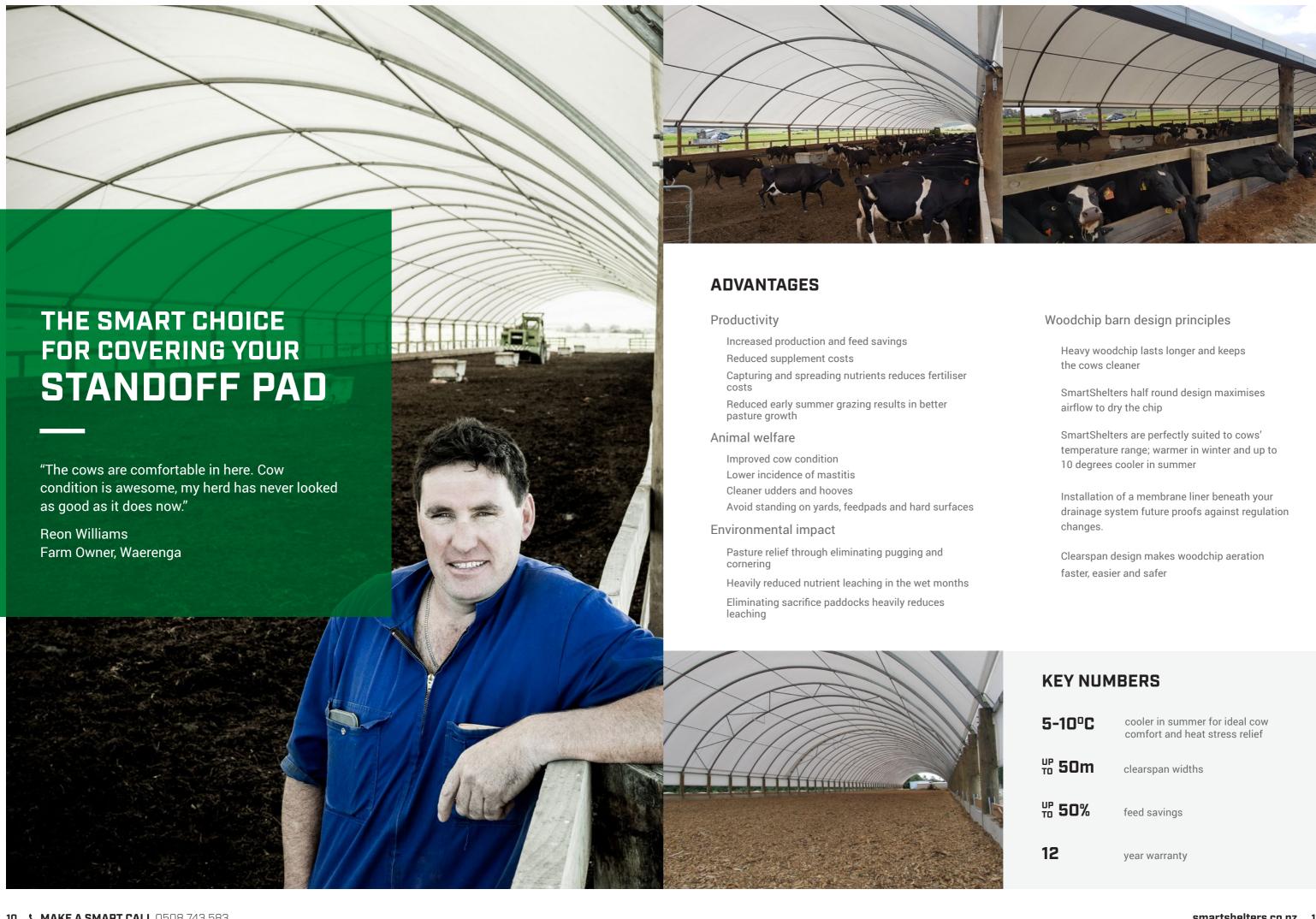
5–10°C cooler in summer for ideal cow comfort and heat stress relief

TO 50m clearspan widths

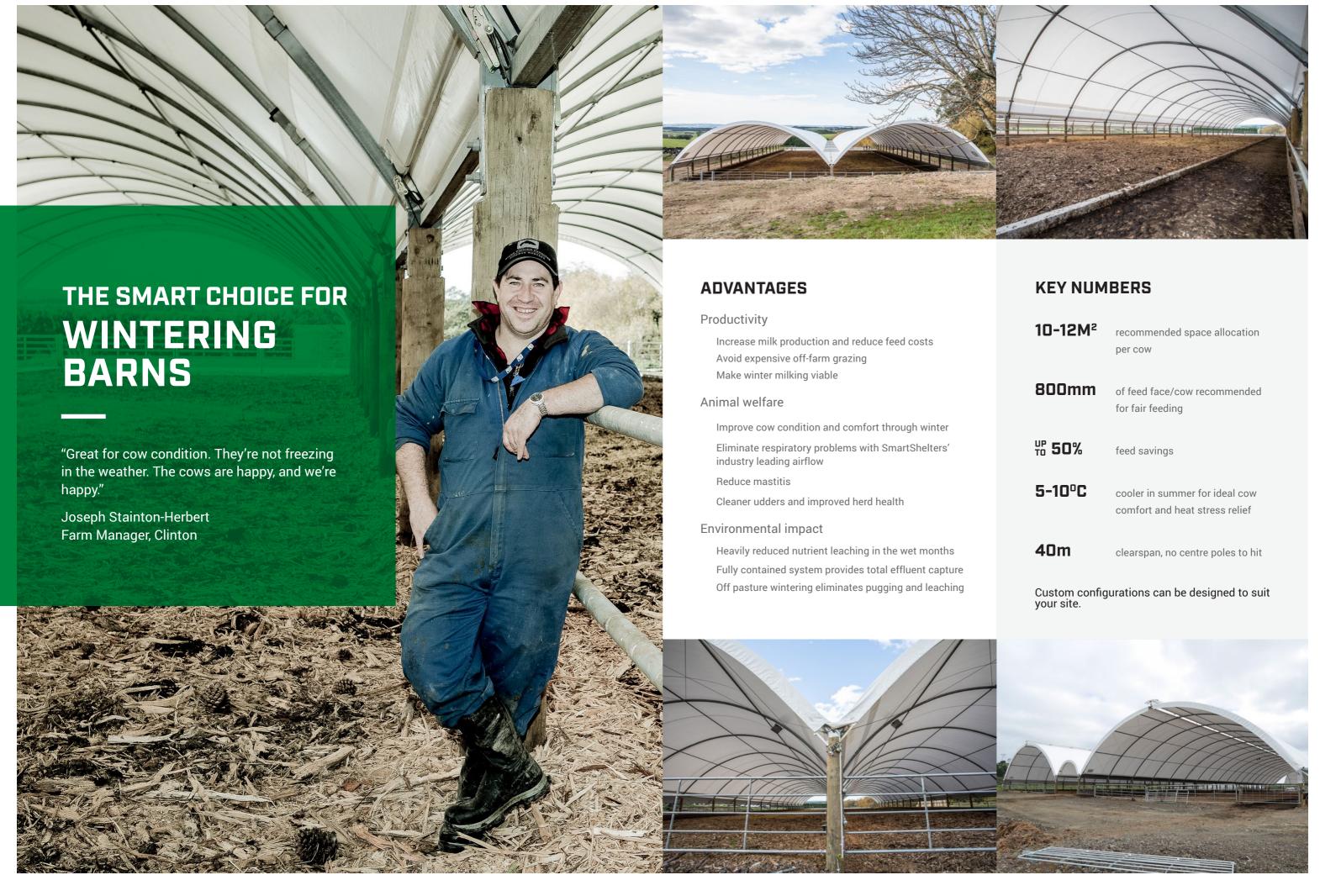
UP 50% feed savings

12 year warranty

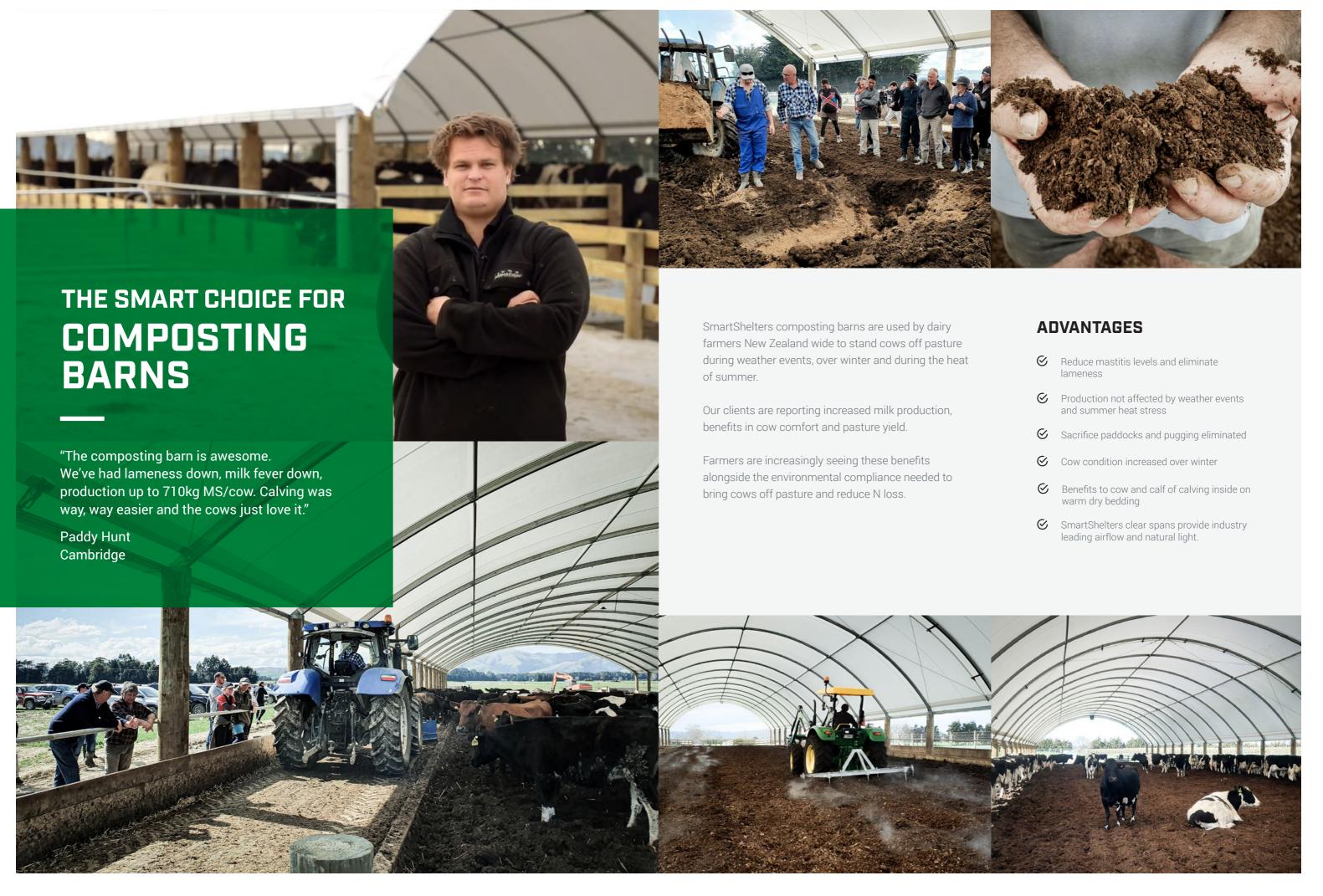




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WINTERING BARNS: DESIGN CONSIDERATIONS

SmartShelters clients have used their barns as wintering facilities with impressive results.

- Install a membrane liner beneath your drainage system to future proof against regulation changes.
- Ridge vents are required for removal of moisture accumulation
- SmartShelters lend themselves perfectly to both woodchip and composting systems, as the constant airflow generated by the arched roof design keeps the bedding clean and healthy
- Bedding should be mixed and aerated daily to prevent a crust forming
- Heavy woodchip lasts longer and keeps cows cleaner
- SmartShelters internal environment matches the optimal temperature range for cows; warmer in winter and up to 10 degrees cooler in summer
- Most popular configuration features feeding through the sides with water supplies outside of the bedding area





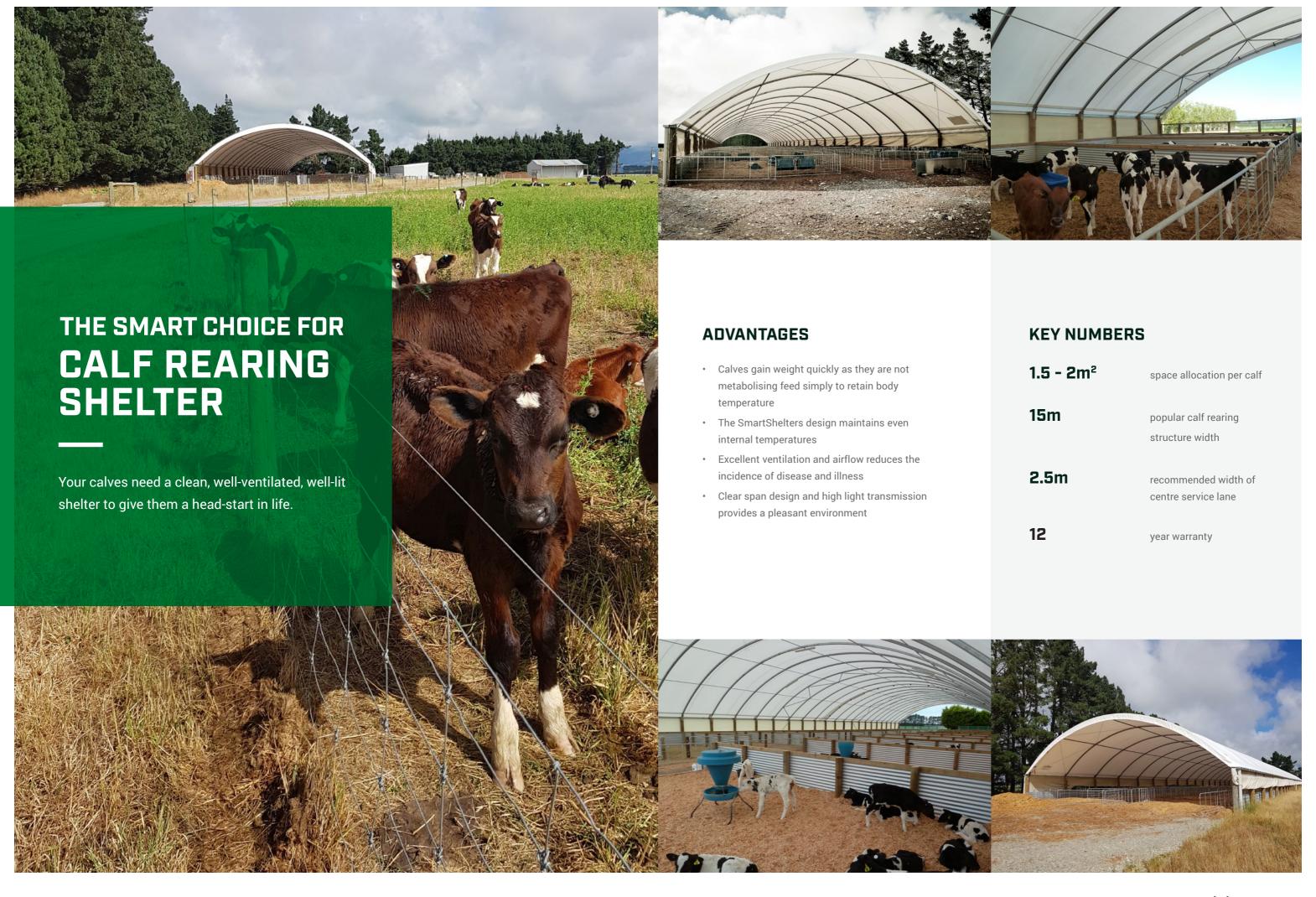
KEY NUMBERS

26m wide x 80m long
2.8m side height
7.3m centre height
2080m² covered area
200 cow capacity approx.
800mm feed face/cow
10m² per cow

DRAINAGE LAYERS

- Bedding material 600mm depth
- Drainage metal 150mm depth
- Drainage pipe system
- · Clay to another liner 100mm depth
- Non permeable liner 25mm thick
- Clay base

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How it works. Our process is designed with you in mind. From the initial phone call, right through to our after-project follow up, we aim to take care of your project quickly, efficiently and to the highest standards.

Site visit & pricing

When you contact us we'll make a time to come and meet with you on farm, talk about any special features you require, and then begin measuring up so we can give you an accurate quote. Within the week we'll be able to provide you with an initial plan and quote for your new Agri-Structure build and installation. Once you've OK'd things we'll get your project started.

Design & development

From there we'll design full plans for your Agri-Structure and develop a project management timeline for your build. Once you're happy with your design, the build begins.

Project management

Managing a project on time and on budget is something we pride ourselves on. We have an experienced team that manages everything from gaining consent with council to ensuring every detail is finished to your specs. And as your operation develops and evolves in the future we'll be there to support you too.

PRODUCT SPECIFICATIONS

STEEL FRAMEWORK

- · All framework meets or exceeds C350 Grade
- Galvanised finish on both inside and outside surfaces

FABRIC COVER

- Super Strength high grade PE coated fabric
- Ripstop woven tape base cloth for superior strength
- Welded Construction
- · High UV protection designed for NZ conditions
- · Excellent light transmission
- Insulating properties

TIMBER POLES

· H5 Tanalised High Grade

CUSTOM DESIGN SERVICE

 SmartShelters engineers will design a customised structure suited to your requirements

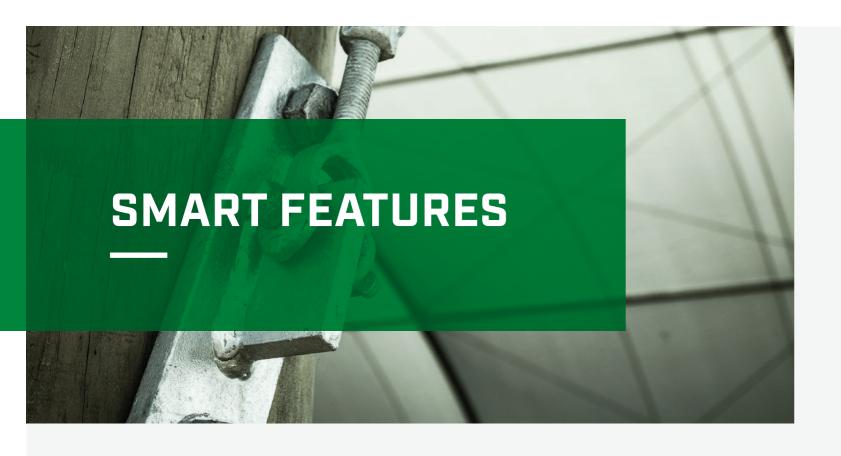
ENGINEERED DESIGN

- Designed to AS/NZS 1170.2:2011
- High Wind Loads, Snow Loads
- Full engineering plans, calculations and Producer Statements available
- · Region-specific design

WARRANTY

12 Year pro rata warranty so you can buy with assurance

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We know that every farmer's requirements differ, so all SmartShelters Agri-structures can be customised with a wide range of add-ons and enhancements.



We will look after installation of your SmartShelter structure



SIDE EAVES

- No disruption to animal flow due to feeding from outside
- Reduces the need for machinery inside the shelter







VENTS

- · Designed for maximum ventilation and airflow
- Can be incorporated in the design of any structure
- Usually required on large wintering barn structures and free stall/cubicle barns

SIDE GUTTERING

All SmartShelters can be fitted with side guttering and downpipes to take care of your stormwater requirements. We have a wide range of specialist guttering profiles to suit all applications, structure layouts and climates including galvanised steel, PVC plastic or fabric. All SmartShelters Agri-Structures come with guttering as standard.

SIDE CLADDING

Side cladding provides extra protection against the weather. We supply a range of options including:

- · Solid fabric
- Windbreak mesh

Alternatively other side cladding options are available on request.

END WALL OPTIONS

For maximum weather protection you can enclose the ends of your SmartShelter. Options include a solid fabric or windbreak mesh wall; filling in the entire end or just in part. Custom options are also available.

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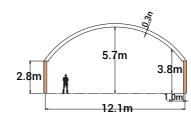
SIZE GUIDES

AGP 6 SERIES

AGP 10 SERIES

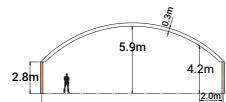
AGP 12 SERIES



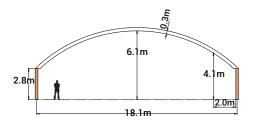


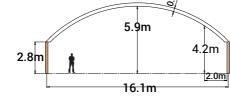
AGP 14 SERIES

2.8m



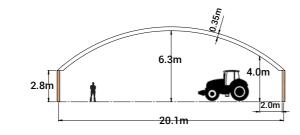
AGP 18 SERIES



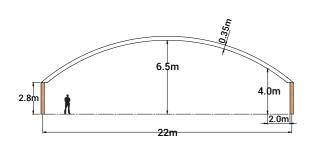


AGP 20 SERIES

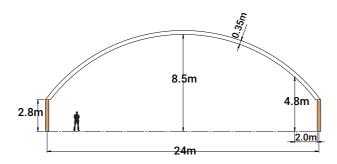
AGP 16 SERIES



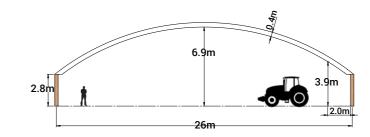
AGP 22 SERIES



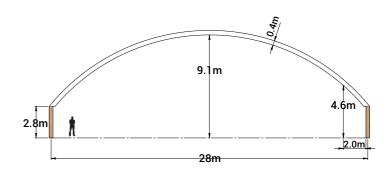
AGP 24 SERIES



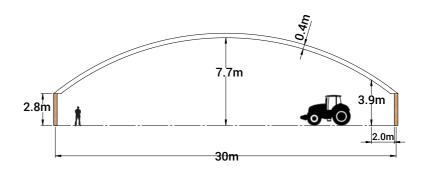
AGP 26 SERIES



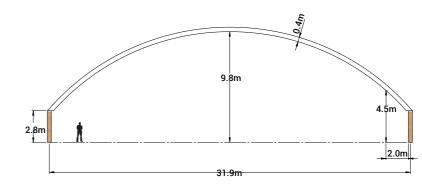
AGP 28 SERIES



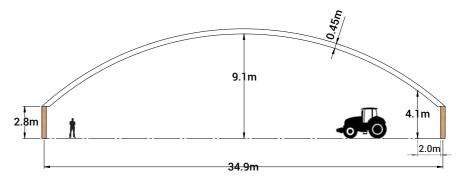
AGP 30 SERIES



AGP 32 SERIES



AGP 35 SERIES



Other side heights available on request.

2.8m side height shown on all options.

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