

A man with grey hair, wearing a blue singlet with 'Woolmark' and '0405' on the back, is shearing a white sheep in a wooden shed. The sheep is lying on its side on a wooden floor. A pile of white wool is on the floor to the left. In the background, another sheep is visible in a metal cage.

ProWay
Livestock Equipment

THE CHOICE OF LIVESTOCK PROFESSIONALS

SHEARING SHED OPTIONS

1300 655 383
www.proway.com.au

Proudly Australian designed and manufactured



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Livestock Equipment

SHEARING SHED OPTIONS

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ProWay have a proud history of designing and installing custom shearing shed fitouts for professional wool producers.

ProWay's experience ensures the best quality outcome for your shearing shed design. We specialise in custom fitouts for new and existing sheds, as well as stockyards and livestock handling equipment.

Throughout the process of designing and installing custom facilities, our focus is on:

STOCK FLOW

LABOUR EFFICIENCY

OPERATOR AND ANIMAL SAFETY

SUITABILITY OF MATERIALS

IMPLEMENTING TECHNOLOGY

ProWay designs and products have been refined over time through research, testing and most importantly, feedback from our customers.

For more information on our design service or any products listed, contact ProWay Livestock Equipment.

Call: 1300 655 383 Fax: 02 6931 8410

Email: information@proway.com.au

www.proway.com.au

Post: PO Box 85, Wagga Wagga, NSW 2650

Office and workshop: 19 Bomen Rd, Bomen NSW 2650

Regionally based designers servicing clients across Australia

SHEARING SHED OPTIONS

PROWAY HAVE DESIGNED AND INSTALLED SAWTOOTH, STRAIGHT AND CURVED SHEARING BOARDS.

These installations have been anywhere from two to twelve stands and can be custom designed to suit individual requirements.



BOARD OPTIONS



Sawtooth Shearing Board

- Minimises the length of drag for each shearer. Most importantly, it minimises the need to turn when dragging.
- Sheep catching pens are designed at 45 degrees which significantly improves penning up.
- Each shearer has a large shelf for combs, cutters, tool boxes etc.
- A hand rail along the board to protect shearers from falling.
- Wool handlers have full access around the individual work platform.
- Plant poles have a universal plate catering for the majority of shearing plants. The plate is adjustable ensuring the correct position of the down tube.
- The sawtooth design meets all relevant WH&S codes.



Straight Shearing Board

- Raised 850mm from the wool room floor.
- Each shearer has an individual work area, including a large shelf for combs, cutters, tool boxes etc.
- The catching pen design makes use of front fill or lane fill systems to ensure the pens are easily maintained and filled.
- Each stand is equipped with split catching pen doors for quick open and close, a support arm for shearing harnesses and a hand rail to prevent falling from the board.



Curved Shearing Board

- Comprises of individual stands around an arc.
- By curving the board shape, front-fill catching pens are better implemented and allow for simpler filling.
- Reduced walking distance for wool handlers and rouseabouts moving between stands, bins, wool tables or press, reducing time and effort to get the job done.
- Each shearer has a large shelf for combs, cutters, tool boxes etc.





Chutes

- Recessed into the board for ease of release to send sheep under the grating.
- Fully galvanised frame and sheeting for maximum longevity.
- Angled at 54 degrees, sheep are released into countout pens or as a single mob.
- Electric counters can be fitted to chutes to improve the efficiency and accuracy of counting out.
- The chutes are 600mm wide providing plenty of room for rams and larger sheep.



Return Races

- Allows sheep to be released back onto grating.
- For operators who prefer to count out on the grating.
- Sheep exit through a one-way door and into individual lanes.
- Protects sheep from urine stains and requires less infrastructure under the shed, however does take up sheep storage on the grating.
- Can require more effort to release sheep post shearing verses a chute.



Semi-Permanent Modular Shearing Board

- Designed as an alternative to ProWay's permanent shearing fitouts.
- A cost effective solution for small scale wool producers that wish to utilise an existing roof structure.
- Supplied as a complete solution that includes a raised board, sloping catching pen, back support arm, split catching pen doors, large shearers shelf, wide recessed chutes and count out lane.
- The modular design allows for flexibility and can be setup on a lease block or in a hay or machinery shed without installing further permanent infrastructure.





Cypress Timber Board

- All ProWay boards feature kiln dried cypress pine floor and walls to ensure longevity.
- 85 x 20mm tongue and groove floorboards for a smooth finish.
- Cypress minimises blunting of dropped combs and cutters associated with hardwood floors.
- Once fitted the wall and board are treated with a 50/50 linseed oil and mineral turpentine coating for protection.
- Cypress pine is termite resistant and has better longevity than radiata pine and particle board.



Hardwood (Mountain Ash) Grating

- Our standard grating is a 65x38mm mountain ash that is bevelled on one edge.
- The bevel allows manure through with the wide edge facing up.
- ProWay recommend hardwood grating for all catching pens and design the structure to slope towards the board to make the drag easier.
- Cypress grating is available as an option.



OUR PRIMARY FOCUS WHEN DESIGNING AND BUILDING STOCK HANDLING FACILITIES IS SAFETY.

"The WH&S advantages of working in a shed like this over a lifetime are enormous. At the end of every day, I actually feel really good working in this shed. There is hardly any bending at all."

Rupert McLaren, Owner, Glenmore
Barmedman, NSW



Woven Wire Grating

- Galvanised woven grating is made of 5mm woven wire and has a 20mm spacing allowing manure to pass through.
- Termite resistant however can be noisier than other grating options.
- The mesh is manufactured in sheets and are fitted to timber joists with galvanised fasteners.
- Can be cut around obstructions such as chutes and columns.
- Light from underneath can be an issue with this type of flooring so blocking light with walls to ground level is encouraged to improve stock flow.



Plastic Tile Grating

- Supplied in 1200 x 400mm panel format, the plastic grating is a quality alternative to timber grating as it is termite resistant.
- Panels are screwed into timber joists and can be trimmed around obstructions such as chutes and columns.
- Plastic grating is also good at stopping light from underneath, but has sufficient holes to allow manure to pass through.
- Light, strong and non-slip panels make it easy to install and suitable for shearing sheds or renovations.



Wool Room Floor

- There are options when it comes to your wool room floor, however many of our clients go with a majority concrete slab floor.
- This allows your shed to be used as a multi-function facility with machinery storage etc throughout the year.
- Timber wool rooms are an option for a more comfortable working surface, or we can provide a combination of both.





Front Fill Catching Pens

- In straight board designs, ProWay can install front fill laneways for effective filling of pens.
- Sheep enter the catching pen through a lane and then circle back around away from the board.
- This leaves room at the front of the pen and sheep facing away from the board, making them easier to catch and drag.
- Front fill lanes are sheeted to improve stock flow.
- Slide swing gate at entry to allow opening when holding pens are full.



Sloped Catching Pens

- Catching pens are sloped towards the board to aid shearers dragging out sheep.
- In sawtooth layouts, pens are at 45 degrees so sheep do not enter towards the catching pen doors.
- Gates between catching pens allow for moving sheep at cutouts.
- The back gates of catching pens are slide swing, making filling easier.
- ProWay use 65 x 38mm mountain ash for the standing catching pen grating.
- Cypress pine is also an option.



Slide Swing Gates

- These versatile gates offer flexibility when penning up and moving sheep through the shed.
- Able to swing 270° and slide back through a channel, eliminating the frustration of sheep getting caught behind gates or gates stuck shut when the pen is full of sheep.
- ProWay recommends these gates in most of the openings within your pen layout.
- Assembly includes braced post and footplate, a galvanised channel for the gate to slide through, a 6 rail 20NB duragal pipe gate, and a chain and inverted T-catch.





Pipe Rail and Sheeted Panels

- Shearing shed panels are built using high tensile galvanised pipe with a top rail of 25NB (34mm O.D) and five rails of 20NB (26mm O.D) below.
- Sheeted panels have 3 rails and are fully sheeted to promote stock flow in key areas.
- Posts are 50NB (60.3 O.D) with hot dip galvanised pipe and footplates that are adaptable to all grating types.
- Where necessary, ProWay supply bracing for strength, particularly in gate ways and high traffic areas.



Working Area on Grating

- Many clients are now incorporating a working area on the grating.
- Depending on your operation, ProWay can offer tailored solutions for processing and treating sheep on grating.
- ProWay have installed working areas, draft facilities and sheep bulk handlers on grating that ensure sheep work is comfortable and weather proof.
- Other design features include sheeted laneways and diamond yards to improve stock flow and efficiency.



Project-Managed Installation

- ProWay have experienced shearing shed erection crews and design each shed to suit client requirements.
- Every fitout is fully engineered and drawn in our 3D CAD program. All designs go through checklists prior to manufacture and delivery.
- Our experienced construction crews are supplied with these drawings outlining the assembly of every unique job.
- Much of the framework and components are prefabricated to increase construction efficiency.
- Most sheds include raw timber materials which need to be cut and fitted as per the design. Our construction crews have the tools and expertise to ensure joinery is completed to a professional standard.



OUR AIM IS TO MAXIMISE EFFICIENCY WITHIN OUR SHEARING SHEDS FOR BOTH SHEARERS AND WOOL HANDLERS

Our shearing boards meet all relevant Workplace, Health & Safety codes. All stands have an individual electrical cut out button in case of emergency.



Concrete Floor Shed Loading Ramp

- Fully galvanised construction with stepped/stamped concrete floor to optimise sheep flow.
- Fully sheeted sides with optional walkway for operator access into the shed or ramp.
- Level landing at the top of the ramp to improve stock flow.
- Built to the height of your grating and at the optimal gradient for ease of filling the shed.
- Can be customised to suit existing yards with panels and gates as required.



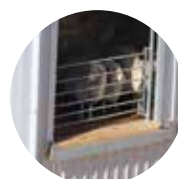
Permanent Adjustable Loading Ramp from Shed

- Has the ability to load from a shed and reach (up to) the 4th deck (8m) of a truck. Shorter ramps are available.
- Heavy duty galvanised H-frame and gantry (250 UB columns).
- Non-slip walkway, hand rail and stairs to level landing.
- Standard 5:1 brake winch, with the option of a 12V electric winch.
- 1 metre sheeted sides with a width of 915mm inside the race to improve stock flow.
- Self-engaging safety bar when operating winch.
- Can be designed to face straight out of shed or at an angle to suit truck turning circle.



Level Landing Buffer Board

- ProWay can work with the shed builder to include a sliding door at the height of the grating.
- Depending on truck heights, some customers load onto or unload stock from the grating.
- ProWay can supply and install a solid buffer board to protect the shed wall and sliding door when reversing the truck.
- These openings give flexibility, further ventilation and natural light in the shed.
- In raised wool rooms, we can also supply level landings for bale loading straight onto trucks.



PROWAY SHEARING SHED FITOUTS ARE DESIGNED TO MINIMISE STRESS ON OPERATORS AND MAXIMISE STOCK FLOW.

"I couldn't recommend ProWay highly enough to anybody that wants to build a new shearing shed. They've got a lot of experience and they certainly know what works and what doesn't work."

Ross Young, Manager, Meander Lakes
Hadspen, TAS



Lighting & Ventilation

- The orientation of your shearing shed is an important consideration.
- Correctly positioned shutters, doors and removable lower panels maximise ventilation for cooling and drying stock when required.
- Laser light panelling on southern walls provides excellent natural light without creating heat.
- Natural light improves stock flow as it minimises the contrast from above and below the grating.
- ProWay can provide a recommended electrical layout and lighting plan with your design.



Countout Pens

- ProWay provides layouts and panels for under-shed countout pens.
- These galvanised fence lines are concreted into the ground and provide a lane through to the back of the shed.
- Gates have a chain and T-slot to ensure shorn sheep cannot escape until counted out.
- The pens can also be built outside the shed where necessary.
- ProWay can incorporate yard designs to work together with your countout pens allowing the operator to process, draft and treat sheep after shearing.



Wool Bins

- ProWay can supply steel frame wool bins for your shearing shed.
- ProWay can also offer module bins that can be adapted to suit your needs.
- A single wool bin consists of a frame and 2 walls, while consecutive walls can be bolted on to increase capacity and add additional lines to your wool holding.
- Optional doors can also be supplied and fitted at the front and rear. These can be used to keep the clip from spilling into the wool room.



Shutters, Doors and Amenities

- ProWay work directly with reputable and experienced shed builders to ensure the project is managed effectively.
- ProWay can inform the shed supplier of window heights/sizes, PA, sliding and roller door locations, as well as materials to ensure the shed is well lit and ventilated.
- ProWay can also offer design advice and supply amenities such as bathroom, kitchen and grinding room fittings and fixtures, walls and internal doors.



A person wearing a dark blue shirt is shearing a sheep in a wooden shed. The sheep is lying on its side on a wooden floor, and the person is using clippers to remove the wool. A large pile of white wool is visible on the floor. In the background, there is a wooden wall, a blue bucket, and a green jacket hanging on the wall.

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