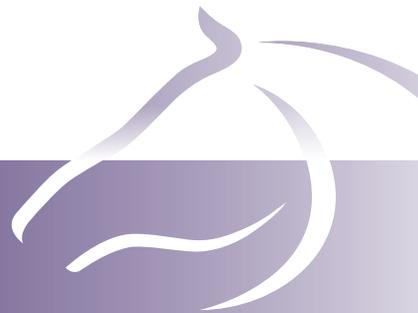


Equine Exercise Equipment &
Infrastructure Specialists

GG ENGINEERING





Introduction

About

We are a team of engineers, designers, innovators and tradespeople dedicated to bringing you the very best equine exercise equipment, infrastructure and recovery equipment. We are passionate about design, innovation and we love horses which is why we love bringing you the very best equipment we can offer.

We have evolved from a family business with a lifetime's involvement with horses, into an internationally recognised manufacturer with clientele around the globe.

Our products are proudly Australian made in our factory located in Melbourne, Australia. We are also the proud Australasian agent for the british made ECB Equine Spa and ECB Aqua Treadmill.



Neil Strohbeck

Contents

Our Products	
GG Treadmill™	4
GG Ambulance™	6
GG Walker™	8
GG WaterWalker™	10
Stables & Infrastructure	12
Rubber	14
Agent Products	
Equine Spa	16
Aqua Treadmill	18

GG Treadmill™



High Speed Treadmill

About

We set out to design an equine high-speed treadmill with the desire to bring you the most robust, quietest, and lowest impact treadmill available on the global market. With our electric transmission and unique cushioned bed system we are satisfied that we have excelled in our endeavour and we are proud to offer you the GG Treadmill™ - equine high-speed galloping treadmill.

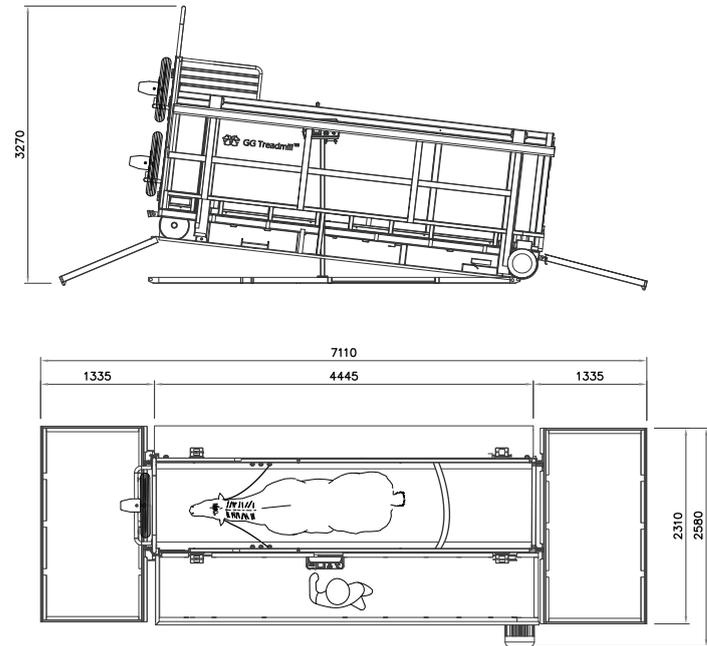
The GG Treadmill™ is made to suit your power requirements, whether you have 2 or 3 phase power available, we can also accommodate various international voltages. The treadmill is a stand-alone unit and can simply be placed, plugged in and operated, although it is a plug and play system GG representation at time of commissioning is part of our service included in the sale of all treadmills. We pride ourselves in after sales support having an established network of staff & contractors and spare parts available as required.

Specifications

- 'Above ground' or 'in pit' installation configuration
- Unique cushioned running surface
- Incline 0-6 degrees
- Hot dip galvanised frame
- Quick release chest and tail straps
- Speed, distance, incline, elapsed time and stopwatch display
- 3.5 tonne gross weight
- 42km/h speed (restricted speed)
- 3 phase, 32Amps or 2 phase, 50 amps power required or a 30kVA generator
- 1 year warranty

Options

- Gate mounted fans
- Treadmill mounted roof
- 'Above ground' or 'in pit' configuration



About

Equine safety and welfare is the highest priority of leaders, managers and regulators throughout the industry. The GG Ambulance™ is designed to assist track and facility managers with the proper care and transportation of injured horses. If the most tragic of events does occur the ambulance is designed to manage the occurrence in the most discrete and dignified manner possible.

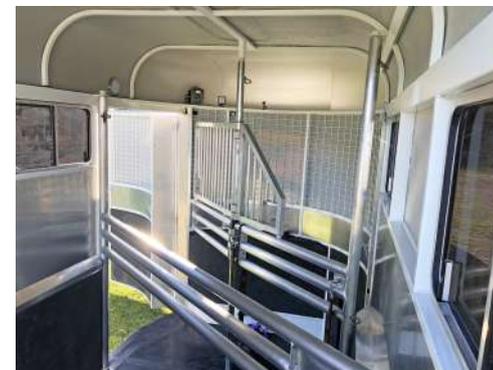
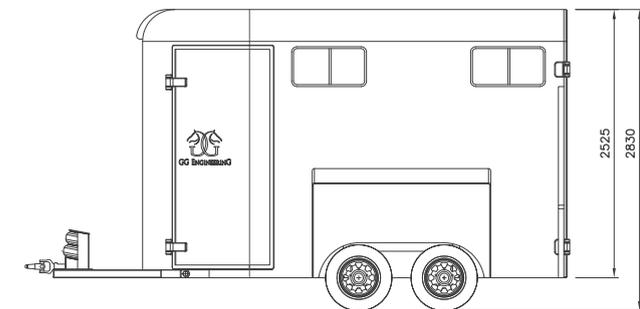
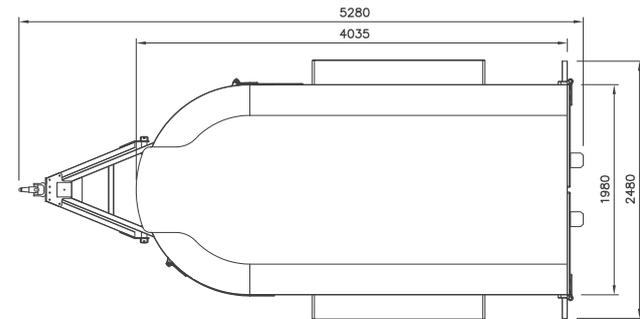
The GG Ambulance™ is designed for accessibility, the ambulance lowers to the floor for horses to enter/exit the ambulance with only a small step. Horses exit the ambulance via the front door - eliminating the need to turn around inside.

Specifications

- Lowers flat on the floor with virtually a *no step* entry
- Adjustable divider system
 - Single horse (angle load)
 - Dual horse (straight load)
 - Clear floor (stowed divider)
- Front exit (equine exit)
- Integrated winch and drag mat
- Equine medical kit (including splint kit)
- Automatic trailer coupling system
- Retractable privacy screen
- Interior and exterior lighting
- Remote control operation
- Video monitoring
- 1 year warranty

Operated by

- Australian Turf Club
- Tasracing
- Hong Kong Jockey Club
- Singapore Turf Club



About

We have been continuously refining the GG Walker™ over the past 20 years with the desire to offer you a superiorly robust walking machine, featuring only the most vigorous componentry and highest quality workmanship. We are so pleased with the outcome that we now parallel our success with a 5 year warranty included standard with all our walkers.

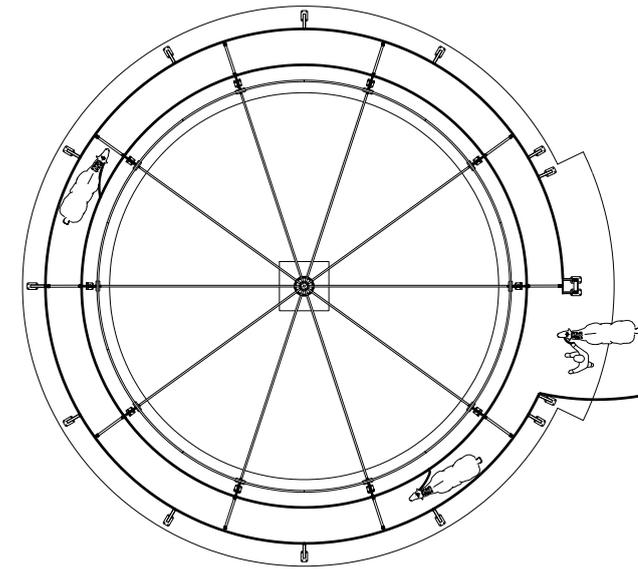
The GG Walker™ is unique in its design - the horses are contained in a more confined bay and have a wider field of view than many others on the market. Our walkers also feature a rotating inside fence with leads installed beside the horse rather than horses being tied to the head dividers. Our experience is that with this design the horses tend to 'play up' less. Further, our transmission system is designed to ensure that horses don't overpower the machine and 'run away' in the walker which can be a very unsettling experience for horse and trainer.

Specifications

- Available in 6, 8, 10, 12, 14 horse sizes
- Diameters: six (12m), eight (14.8m), ten (17.6m), twelve (20m), fourteen (22.3m)
- Adjustable speed (up to 8 km/h)
- Dual direction operation with dual entry/exit gates
- Electric drive system with solid cushion wheels
- Galvanised structure
- Heavy gauge mesh & thick robust rubber (mostly 18mm thick)
- Single phase 240V, 15Amp power required
- 5 year warranty

Options

- Full roof
- Partial 'donut' roof
- Grooved rubber matting



About

The GG WaterWalker™ is a 10 horse walker featuring a large centre storage tank and a channel water walkway. An adverse current is produced by 4 pumps equally spaced around the walker which counteract the natural whirlpool that would otherwise occur during training. Using the control-panel you can select from 3 current intensities depending on the amount of work you wish for your horses to do during the session. Furthermore, the dual water storage compartments allow you to easily adjust the depth between sessions to suit the particular set of horses or your specific training requirements.

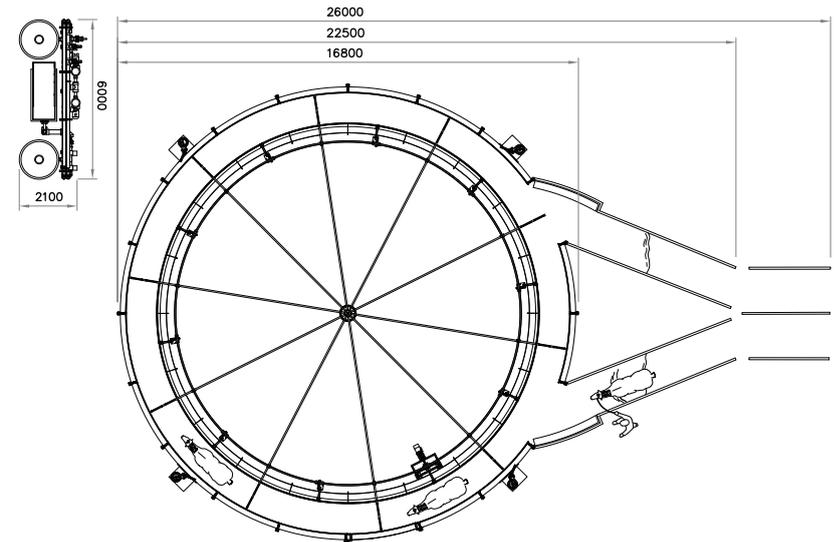
Having two water compartments (channel/centre) is advantageous for the effective filtering of the entire system water, the entire system water can be transferred from one compartment to the other effectively passing the entire volume of water through the filtration system. The GG WaterWalker™ filtration system features our GG designed course screening system, dual glass bead filters and the time-saving option of automated backwash and chemical dosing.

Specifications

- 10 horse capacity
- 130 kL centre storage tank
- 4 dual direction current pumps (each pumping up to 1100L/min)
- Automatic gate(s)
- GG designed filtration system
 - Dual 1600L capacity glass bead filters
 - Dual compartment water storage
 - 1100L/min filtration rate
 - Bespoke course screening
- 3 phase, 70 amp or 2 phase, 105 amp power required
- 1 year warranty

Options

- Automatic backwash & chemical dosing
- Dual exit/entry ramp



About

Well-being and mental health are vital for peak equine performance, our stables are designed with equine well-being and safety as our foremost priority. GG Engineering's design considerations - from wall linings to temperature control-measures provides a safe, comfortable and pleasant environment for horses, contributing to positive equine mental health. We've been refining our design from the type of screw to ensuring that hooks are encapsulated by dull edges in the desire to offer you the safest stables we can achieve.

Our stables are rubber lined for robustness, our experience is that rubber lining also comes with the added benefit of improved equine behaviour. Our observation is that horses enjoy kicking rubber walls with a void built-in less than linings that provide concussion and percussion, hence horses tend to be more settled.

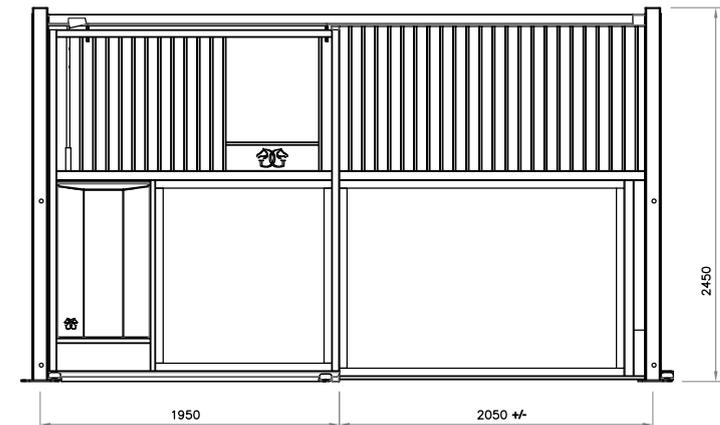
In addition to our stables we also offer tie-up stalls, sand rolls, wash bays, manure pits, (etc.) and various exercise and recovery equipment. Our projects include: the Flemington Stables, Werribee Quarantine Centre, Pakenham Racecourse Race-day Stalls, Cranbourne Training Complex Stables.

Specifications

- 4 x 5m standard size (custom sizes available)
- 5mm heavy gauge mesh
- Robust construction (steel and 18mm thick rubber construction)
- Sliding door complete with yoke and rug rack (hinged available on request)
- 1 year warranty

Options

- Dressed hardwood jarrah timber facade
- Rear window/yoke (recommended for welfare)
- Feed/Water containers (various options)
- Flooring - plastic grid with porous media
- Cushioned rubber floor lining (reduces stable bedding material)
- Stable lighting with optimised light frequency



About

In addition to our exercise and rehabilitation equipment we also offer a range of rubber products tailored for the equine industry. In our range we have various widths, thicknesses and rubber structures, each with their own unique properties suited for different applications.

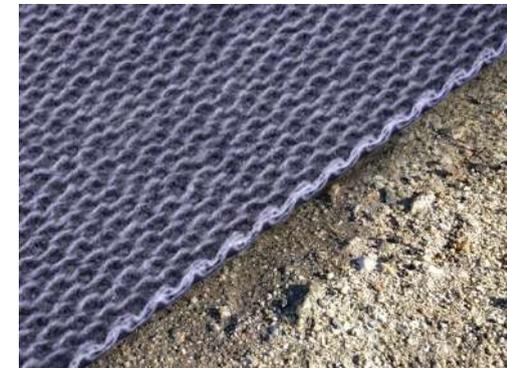
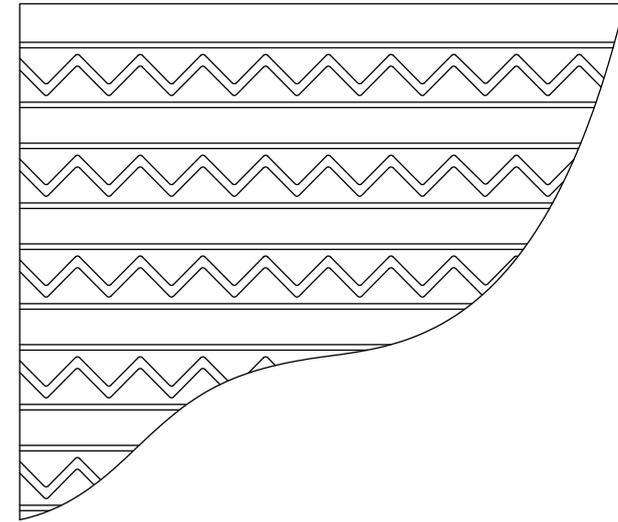
As part of our service we offer rubber cutting to suit your specific requirements, whether it be for stable lining, horse float lining or a more complex set of mats for walker flooring. We can also assist you installing and pinning your rubber floor matting. Although not necessarily required if the mats are pinned correctly, we offer seam sealing using a construction polyurethane adhesive for added assurance that your rubber mats won't lift from droppings being stomped into the seam. For pool entries and other water applications we offer a corrosion resistant method of pinning, to ensure your mats will remain pinned for many years to come.

Applications

- Grooved slip resistant floor lining
- Horse day yards rubber wall lining
- Pool entry and water walker floor lining
- Light weight walker wall lining (light and durable)
- Horse float wall lining
- Horse float ramp & floor lining
- Stable wall lining
- Stable floor lining

Range/Options

- Light and very strong (bare cover)
- Cross grooved
- Straight grooved
- Conveyor up to 2420mm width
- Reinforced nylon cord matting
- Canvas backed rubber



Cold Spa

By ECB Equine



About

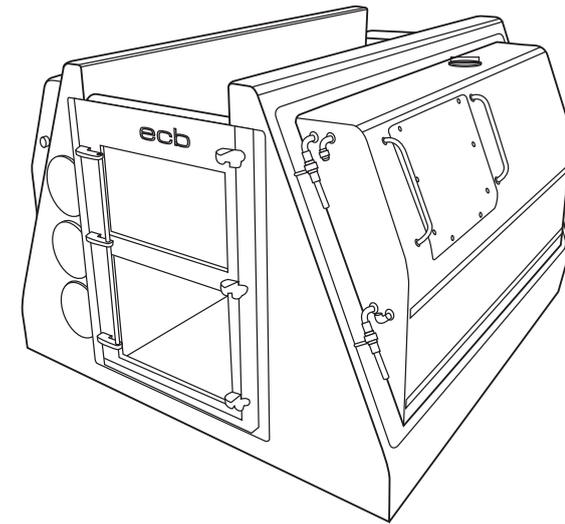
GG Engineering is the proud Australasian agent of the British made ECB Equine Premier Cold Spa.

Cold Salt Hydrotherapy is used to treat and prevent a multitude of injuries. This drug free therapy can be used for injury prevention, to increase mobility and to reduce inflammation in the limbs before, and after, competitive events and training. The ECB Cold Spa is a self-contained unit which holds 2,000 litres of saltwater, capable of up to 3,000 treatments, each taking approximately twenty minutes. The ECB Cold Spa includes a state of the art chiller, manure collection harness, starting supply of salts and chemicals, delivery, installation, and full training. The spa has a compact footprint and is built to last, it is manufactured from robust G.R.P. fibreglass which is notable for longevity and ease of sanitisation amongst other attributes.

The ECB Cold Spa is backed by Professor Evan Hunt. With the purchase of the ECB Cold Spa you receive professional support from Professor Evan Hunt with any rehabilitation queries you may have along the way.

Specifications

- Clear Perspex doors; full and half door
- Connective hose for treating higher injuries
- Insulated built-in water tank
- Spa dimensions: 2550mm (l) x 2330mm (w) x 1660mm (h)
- Chiller dimensions: 700m x 700m x 1350mm
- Delivered with starting salts and chemicals
- Manure collection harness & rearing strap accessory included
- 3 phase, 13 Amps power required or a 14kVA generator
- 1 year warranty (5 year fibreglass warranty)



Aqua Treadmill

By ECB Equine

About

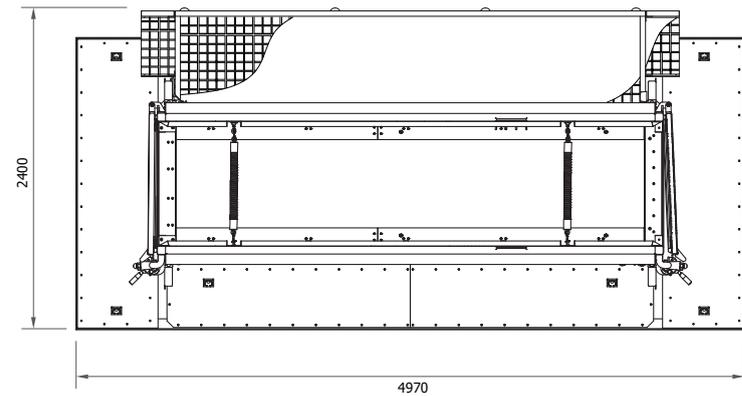
GG Engineering is the proud Australasian agent of the British made ECB Aqua Treadmill. The Aqua Treadmill has been designed and built on 18 years of experience in equine hydrotherapy.

Using the highest quality materials including marine grade stainless steel and safety glass, the treadmill has been built to suit all yards, from rehabilitation to busy training yards. Featuring marine grade stainless steel makes the ECB Aqua Treadmill the most salt compatible on the market today. Safety of the horse and handler has been paramount during the design process, with features such as quick release breast/rear bars and a light beam shut-off sensor.

The ECB Aqua Treadmill features a refined filtration system built on 18 years of experience. By using double filtration, you won't have to do weekly, and in some cases twice-weekly, water changes. The computer system has been designed to store up to 100 horses, giving them each an individual exercise program. All data and programming can be controlled remotely from an iPad or iPhone.

Specifications

- Marine Grade Stainless Steel
- Wet or dry use
- Quick release breast/rear bars
- Incline 0-6 degrees
- Rapid filling and emptying – 2 ½ minutes
- Simple 100 horse, touch screen computer system
- Double filtration allows for up to 2 – 3 weeks of recycled water
- Cleaning ports giving unique cleanability without lifting the belt
- Self-contained refrigeration option
- 2.8 tonne gross weight (empty of water - including tanks and filters)
- Walk & trot variable speed, 0 - 12kPH
- 3 phase, 18 Amp power required or a 14kVA generator
- 1 year warranty



Facility Design & Project Management

Our team and network of engineers are available to assist you with your equine infrastructure and facility design needs. We can assist you from initial concept, preparation of site and manufacturing drawings right the way through to construction and site hand-over. Our project experience, manufacturing capability, and extensive range of exercise and rehabilitation equipment is ideal for those looking for a comprehensive design and management solution. Our team has extensive experience constructing tier one stable facilities including the Werribee International Quarantine Centre, Pakenham Racecourse race-day stalls building, and the Cranbourne Training Complex on course stables development.

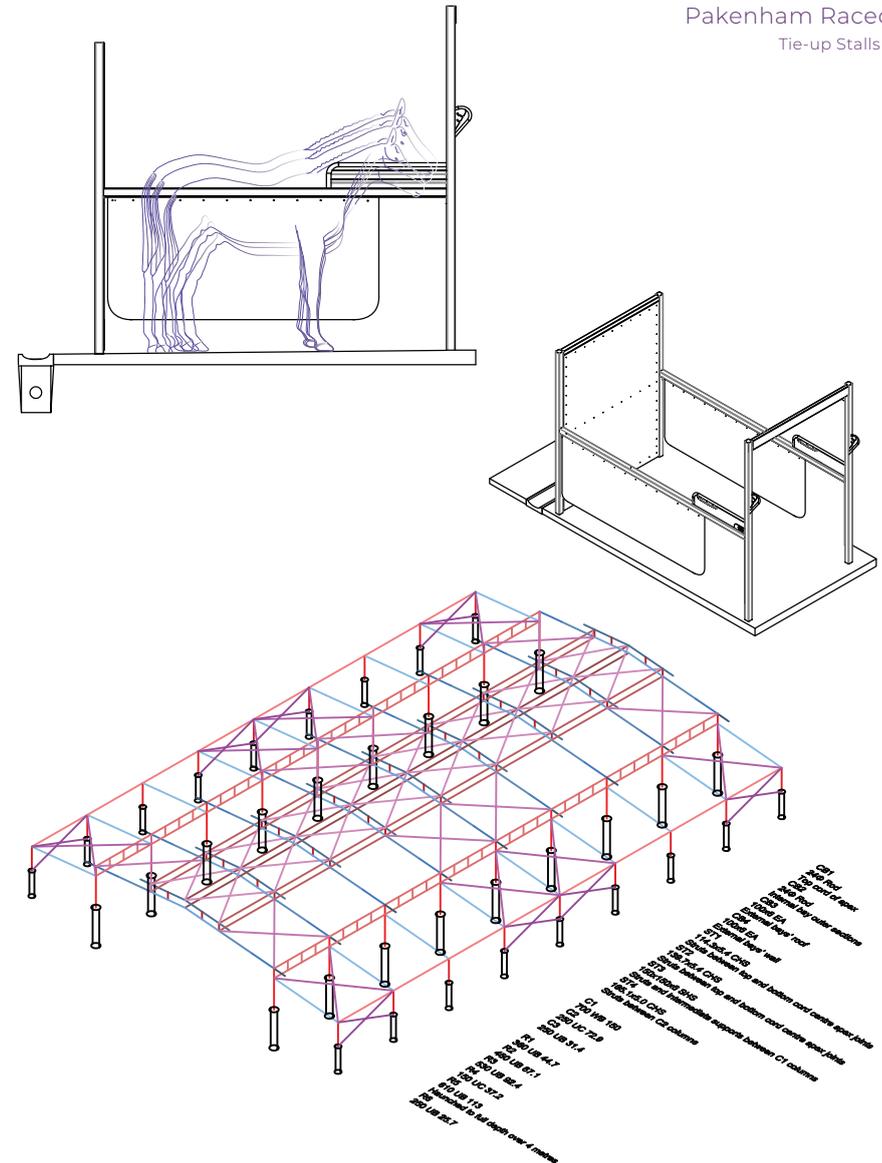
Maintenance Support

We have a dedicated maintenance team and network of contractors setup to ensure that you have the necessary support to assist you with your exercise equipment maintenance needs. We hold a large range of maintenance spares and are able to assist you in routine servicing and breakdown repair.

If you have equipment from another manufacturer and require maintenance support, we are all too happy to assist you. We are experienced in maintaining exercise equipment from various manufacturers, it would be our pleasure to assist you with maintaining and repairing your equipment.

Maintenance Support - International

For our remote customers: we assist you by offering remote technical support and connecting you with local experienced and capable contractors, or otherwise we travel as required. We are able to assist you remotely in sourcing local components and have spare parts ready to send in times of need or where it makes economic sense to source them from our Australian office.



Pakenham Racecourse
Tie-up Stalls Building

Peter Snowden
Snowden Racing

“ I have recently purchased a 'GG Treadmill' and the after sales support has been exceptional.

“ At the completion of the project the Werribee International Horse Centre was acknowledged by all to be a world class facility.

Michael Kinna
Racing Victoria

“ After 12 months of research we chose the GG WaterWalker. The reliability, efficiency and durability is first class. We also have a GG Walker which is equally as good, the design is great and it's pretty unbreakable.

Steve Wilson
Aquagait Training Centre

“ We recently acquired a GG Treadmill, I'm pleased with the operation and quietness of the machine

Charlie Appleby
Godolphin

Australasia & Global

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