

Your Complete Equine Exercise & Rehabilitation Partner



Product Catalogue

Odyssey Performance Limited

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Specifications

- **Standard Ring Diameters:** 40–100' and any size in between
- **Variable Frequency Drive:** Forward, reverse, and automatic features; easily programmable
- **Control Panel:** Weatherproof, climate-controlled, and emergency stop for added safety; CSA/UL approved
- **Drive System:** 2 HP (depending on machine size) weatherproof motor with pre-stretched hardened steel drive chain
- **Thrust Bearing:** Heavy-duty, hardened steel with dust seals for extended life
- **Electric Fencer:** High power electric fencer with grounding rods and external switch
- **Frame Construction:** Hot-dipped galvanized for years of durability
- **Divider Gates:** 7'6" wide hinged gate, fully welded 2"x3" mesh, then hot-dipped galvanized for long lasting protection with rubber skirt and rounded corners for added safety and visibility



The **wide divider gates** maintain a consistent distance between the inner and outer fences, which prevents horses from trying to pass by. They can also be electrified for safer training.



Our **semi-automatic control panel** lets you automatically set up changes in direction and training time. Easy to use and programmable, this helps you control the training or rehabilitation of your horses.



Full (above) and **half** (left) roofs are available to enclose your exerciser for all-weather use.



Flooring options for your exerciser include **rubber matting** or **soil stabilizing grids** (above).



Positive action drive with durable, long-life machined thrust bearing and prestretched hardened steel chain.



The yoke is constructed from structural steel and galvanized for durability.

The main bearing is machined from cast steel—not roll formed—increasing longevity.



The Leading Edge in Equestrian Fitness

Stabling horses is convenient, especially when you have space limitations, but regular exercise is essential for their physical well-being. A controlled exercise routine is also paramount when rehabilitating injured animals. If you have an available paddock, you can turn them out, but there is little assurance that they will get the exercise they need. Also, lunging horses or having riders exercise your horses is time consuming and costly, especially if you have a large number of animals. What trainers needed was a way to simultaneously exercise several horses at a time at a controlled pace.

The first mechanical horse exerciser was called a "hot walker". Several horses could be tied to this merry-go-round style device and forced to walk around in a circle. However, because the horses were tied to the machine, many trainers worried that the unnatural head position would lead to musculoskeletal disorders. Also, the direction and speed of the machine could not be controlled well, if at all. Trainers needed a more versatile piece of equipment. A new approach was needed to refine the concept of an automated training machine.

The Odyssey Performance Trainer is the next step in conditioning and training without constraints and replaces the old style walking machines, treadmills, hand-walking, or ponying. The Odyssey uses state-of-the-art technology to help exercise and rehabilitate all breeds of horses. These machines are fast becoming the industry standard for training professionals worldwide and many owners agree that they can pay for themselves in just a couple of years.

The Odyssey Performance Trainer allows horses to move freely between a set of gates that travel inside a circular fenced track. This allows them to move naturally as they would in a paddock or on a lunge line, but at a specified pace chosen by the trainer and can even be programmed into the Odyssey's computer module. For maximum versatility, the speed and direction of the gates may also be operated manually, giving the trainer full control.

Whether it is keeping your racing or performance horses in shape, rehabilitating injured animals, or exercising stallions and broodmares, the Odyssey is the most versatile exercising machine currently on the market.



Performance vs. Essential



Performance

The Performance Series horse exerciser was designed to withstand the abuse of a working facility. Whether you are training racehorses, exercising sport horses, or rehabilitating horses, our machine is one of the heaviest built machines on the market without compromising wear and tear on strategic parts. Years of upgrading the Odyssey have produced a very balanced machine capable of running for years with little maintenance.

Motor:

- 2 HP/230v helical parallel gear motor with HD bearing—sealed unit to withstand harsh environment
- Complies with NEMA standard MG1
- Whisper quiet
- Pre-stretched harden chain drive for better torque
- Gear box contains high grade synthetic oil for superior operation

Galvanized Steel Structure:

- Entire framework constructed from steel—gauge of steel is directly related to each component's function
- All components are welded for strength
- Hot-dipped galvanized for added durability and rust resistance

Control Panel

- All panels are inspected, approved, and weather resistant
- Sealed to protect from dust and moisture
- Includes 30amp main power disconnect switch, emergency stop, ventilation, and 230/12v transformer

Safer Divider Gates:

- Extra wide 7' 6" rounded corner heavy duty welded wire gate with rubber guard strips at the bottom
- Rigid sides—prevent twisting during operation
- Attached to adjustable main arm with resilient polymer hinges—swing more freely



Essential

The Essential Series horse exerciser is a basic version of our Performance Series exerciser, without the bells and whistles. It's a high quality, durable machine at a fair price with all the essentials for training your best and most valuable athletes.

We designed to Essential to respond to the growing needs of farms that want to invest in the future without breaking the bank to do so. This exerciser comes with all the features people have been asking for, without the accompanying price tag, and as always, because it's an Odyssey, you know you can count on it to show up for work every day.

Features the same heavy duty industry-leading bearing as our Performance Series machine.

- Heavy duty chain drive system with 2 HP, 75:1 gear reducer made by the world's largest motor and gear manufacturer
- Unique arm design adds years of durability to the drive system
- Easy to use control panel allows forward, reverse, and speed change at the touch of a button or dial
- Durable and safe chain link dividing gates

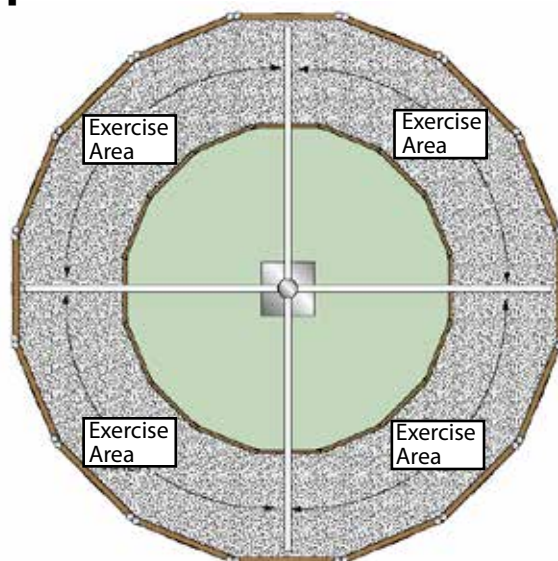


Performance

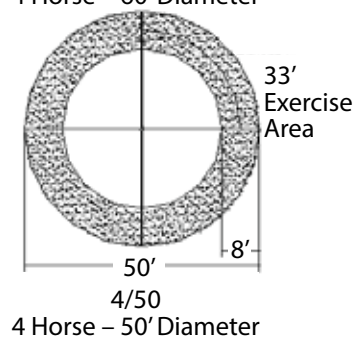
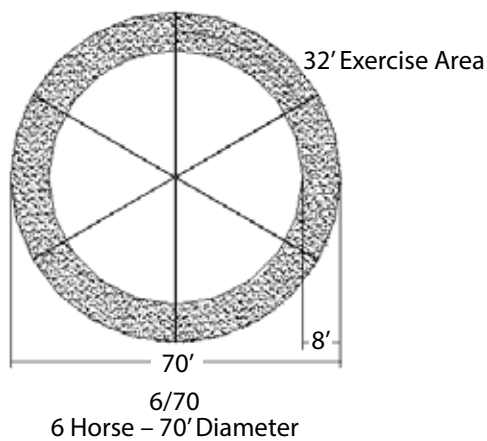
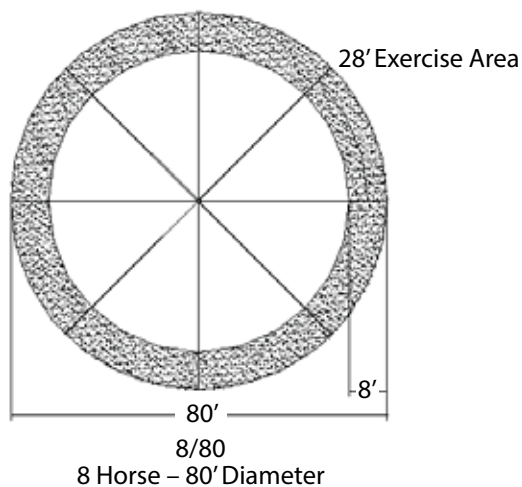
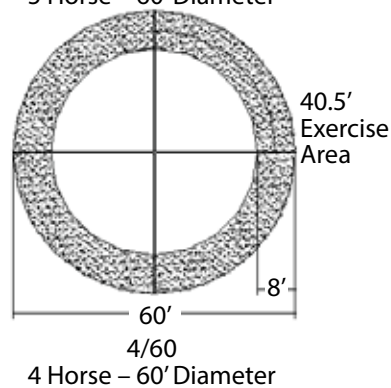
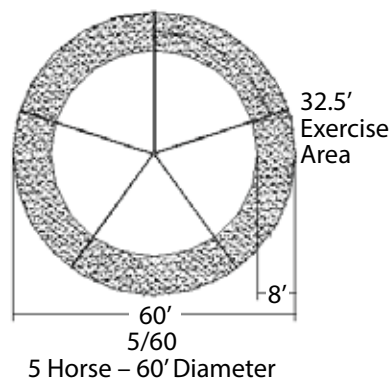
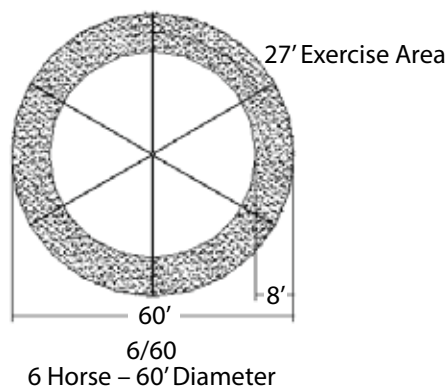
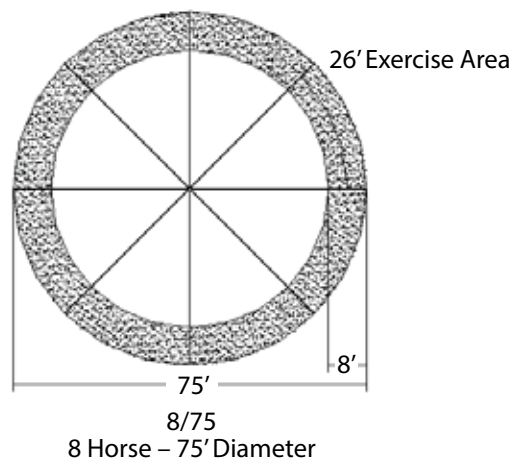


Essential

Odyssey Exerciser Top View



Exercise Area Between Gates



Premium Quality

Odyssey Performance produces premium quality horse exercisers. We feel it is imperative for the decision maker to understand why Odyssey Performance trainers are preferred over other manufacturers. A few key points to mention relate to our hanging gates, bearings, warranties, welded arms, customized work, and customer service.

Most of us require a machine that will be long lasting, cost-efficient, and require minimal downtime. Our machine has a **superior gate design**. Our exercisers all come equipped with extra wide round corner welded wire gates and rubber guard strips for added safety. The gates are 7' 6" versus the more commonly used size of 7' or smaller. The gates are made of a fully welded frame and 3/16", 2" x 2" square mesh, not chain link that is often used by our competitors. Because the frame is welded, the gate sides are rigid, preventing twisting during operation.

Our **bearing is built for longevity and reliability**. Unlike the other manufactured machines, our bearings are machined with hardened raceways instead of roll-formed. This results in stronger, longer lasting bearings that can withstand more abuse than our competitors' bearings can. Our bearings are also whisper quiet.

We offer the **best warranty in North America**—three years instead of only two or one for the bearing, motor, and control panel. The difference of one or two years could save you a significant amount of money if anything were to go wrong with one of these items during that second or third year. Workmanship, including welding and galvanizing of the machine is guaranteed to be free of defects for a period of ten years compared to only seven years that is more commonly offered by other manufacturers.

Our **welded arms are of superior construction** as well. Because the arms are made of hollow structural steel—in spans over 30 feet the top rail is made of 3/16" material, the heaviest on the market. The arms consist of one piece with an adjustable extension arm that allows for customization of each and every machine. Other manufacturers' arms are sometimes made of two pieces, not one, making them more susceptible to breaking.

We also offer **customized machines**. We can build a machine to your specifications. Our competitors offer standard 50 to 70 foot diameter machines, whereas 80 foot machines are one of our standard models and we have built machines up to 100 feet in diameter that condition up to 10 horses simultaneously!

Another major advantage of purchasing an Odyssey Performance trainer is the **exceptional customer service** we provide. We do monthly follow-ups with all of our customers for the full life of the machine. Please feel free to contact any of the references included in this package and they will confirm this along with the superior quality of our product. Our customers will also tell you that our machine is the strongest built machine on the market; they say it's built like a tank! We deal with service issues quickly and effectively so that any downtime is minimized and of course, being the better-built machine, the Odyssey Performance trainer will naturally reduce downtime.





Get the Odyssey Advantage

Leading the Way Towards Better Equine Fitness

The Odyssey Performance trainer is North America's premier horse exerciser. Regular daily exercise is vital for the health and well-being of horses. The Odyssey makes this daily chore a breeze with significant labour savings. This innovative machine can accommodate as many as eight animals and can exercise any breed of horse.

The Odyssey Advantage

- Sturdy heavy-duty frame → maintenance-free structure
- Weatherproof → hot-dipped galvanized for superior corrosion resistance
- Solid-state controls → versatile manual or semi-automatic operation
- State-of-the-art computer interface → automatically runs custom programs
- Fully integrated control panel → easy and safe to use and install
- Exclusive whisper drive → quiet, high torque non-slip drive
- Wash down weatherproof motor and drive system → for years of use
- Superior bearing → better movement, increased lifespan
- Welded wire gates with rubber safety strip → increased visibility and durability
- Rotating, electric, flexible, or rigid steel fencing available → many options to choose from
- Customizable → every Odyssey is built to your specifications giving you more freedom
- Dependable → the Odyssey always reports to work on time

Odyssey Performance is a pioneer in equine fitness and continues to bring leading edge technology to horse owners across North America





Superior Construction

The entire Odyssey framework is constructed from structural steel. The gauge of the steel used is directly related to the function of each component in the machine. Once the components are cut to size, they are welded. Following inspection, the whole machine is hot-dip galvanized for added durability and rust resistance.

Safer Gates

All Odyssey Performance trainers come equipped with extra wide 7' 6" round corner welded wire gates with rubber guard strips for added safety. The gate's sides are rigid, preventing twisting during operation. In addition, gates are attached to an adjustable main arm with resilient polymer hinges allowing them to swing freely.



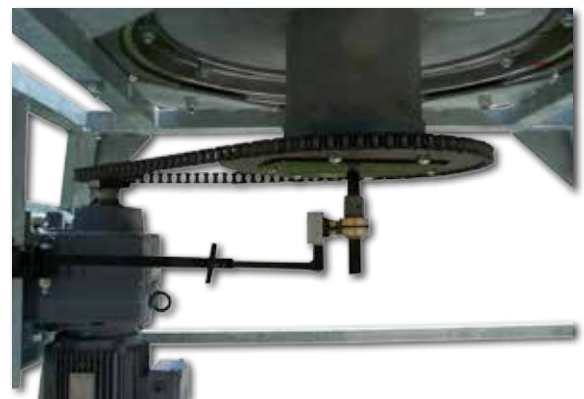
Advanced Bearing Technology

Our main bearing is machined from cast steel, NOT roll formed, thereby increasing longevity and reliability. Neoprene grease seals ensure the bearing remains well lubricated and prevents entry of dust, water, and dirt. Manufacturer's theoretical lifespan under full load and maximum speed is well over 50 years. The maximum thrust capacity is rated at 110,000lbs.



Durable Motor & Gearbox

The 2 HP/230v helical parallel gear motor unit with heavy-duty bearing is a "wash down" or sealed unit to withstand the harshest elements. This AC motor complies with NEMA standard MG1 and is whisper quiet. The unit uses a pre-stretched hardened chain drive for better torque. The gearbox contains high-grade synthetic oil for superior operation in all climates ($\pm 40^{\circ}\text{C}$).



State-of-the-Art Computerized Control Panel

All panels are inspected, approved, and also weather-resistant. These cabinets are standard for all models and ensure that internal components are protected from dust and moisture. Each panel includes the following:

- 30amp main power disconnect switch
- Emergency stop button
- Heater with thermostat
- Ventilation
- 230/12v transformer

Standard features also include the following:

- Forward and reverse directions
- Manual and automatic operation
- Digital display with easy-to-understand commands
- Load and unload function

Heavy-duty electric fence, slip ring, and mounting accessories are included for added safety and fence longevity, only 12 volts DC is used to power the unit.



Odyssey is the leader in pre-engineered half and full roof structures. All structures are rated for a 40 lb snow load for installation in most areas of Canada or the US. Our half roof is an innovative single truss design providing maximum clearance on the inside of the building for overall safety. The standard 13' truss of the half roof provides 12' of coverage where the horses train and a 1' overhang on the outside of the roof allows the half roof to keep many of the elements from getting to the horse. Our full octagon roof is a full steel building. A unique spider ring at the top that can be covered by a cupola joins the trusses.

- Variety of standard paint colour chips to choose your roof colour from—included in price
- Premium colours available to match your Odyssey roof to your existing building structures—call for pricing
- Powder coating for roof structure posts available—call for pricing
- We can also build custom roof sizes and custom overhang sizes at your request—call for pricing



Half Roof

- Enclose your trainer for all weather use
- Provide protection from the elements
- Preserve footing material
- Less expensive alternative to full roof
- Innovative single truss design provides maximum clearance on the inside of the building
- Steel posts and trusses with wooden purlins
- Choose from a variety of steel roofing

Full Roof

- Designed for North American elements
- Standard 50', 60', and 70' buildings—custom sizes available
- Unique spider ring in peak joining trusses
- Main trusses fabricated with I-beams
- Tall 28' building brings the focal point to your farm
- Hot-dipped trusses and purlins—prevents rusting and makes for a longer-lasting frame
- Many choices to choose from for the steel roofing
- Posts can be hot-dipped galvanized or powder-coated
- Custom cupolas available

Inside & Outside Fence Panel Systems

A variety of inside and outside fence panel systems are available to meet your safety, aesthetic, and budget requirements. Beautiful solid wood panels, tubular steel, mesh steel, or puckboard in a choice of colours all designed to deliver superior strength and safety. Depending on your situation, you may also want to opt for electrifying the outer perimeter of your fence.



Ultimate

Using 2" x 2" square tubing and welded wire mesh on top, this is the heaviest system we manufacture. Puckboard material on the bottom takes the hardest of hits and does not shatter when kicked. We also roll the panels to the radius of the exerciser, minimizing the gap between the hanging gates and the fence system virtually eliminating any chance of a horse escaping from their individual area. Available in 6', 7', and 8' heights. Panels are 12' wide with 4' of puckboard material on bottom and 2', 3', or 4' of welded wire mesh above.



Lexington

The Lexington fence system delivers high performance with a different look than traditional fences used around exercisers. Using the same 2" x 2" square tube frame as the Darlington and Thorncreek fence, but with added decorative flanges and grill work to give it the look of a stall front. Available 6' high with either 1' or 2' of grill work above.



Wellington

Built to last, offering total ventilation and full visibility, the Wellington fence system uses a 2" x 2" square tube frame with a 2" x 2" x 3/16" welded wire mesh, hot dipped galvanized for a lifetime of use and designed to take a lot of abuse. Available 6' high.



Thorncreek

Performance with the added safety of mesh, the Thorncreek uses the same design as the Darlington, a 2" x 2" square tube channel frame and inner u-channel to carry your choice of lumber, with 2" x 2" mesh added in the upper section to prevent legs from getting in where they are not supposed to. Boards are easily replaced because of the channel design and options of 6' high (5' wood/1' mesh) or 6' high (4' wood/2' mesh) with an extra mesh panel for better ventilation and visibility are available.

Odyssey Recommendation:

Use our tongue and groove ash for superior strength and long lasting beauty

Inside & Outside Fence Panel Systems



Darlington

A performance fence that is built to last, the Darlington is designed to offer a less expensive alternative to the Thorncreek while still providing the strength and high end aesthetic of wood. Built using 2" x 2" square tubing and a u-channel frame, the wood installs quickly and easily and the channel system also allows for quick and easy replacement of boards. The panels sit on top of the ground and can be taken with you should you decide to move the machine. All steel is hot-dipped galvanized after fabrication and is built to last. Available 6' high.

Odyssey Installation Tip:

A front end loader is required to lift panels into position



Gate Panels

A cost-effective round pen style system that can be set up or taken down with minimal labour and time and is an ideal solution where ventilation is critical and outdoor winter weather is of minimal concern. A 16 gauge 1 5/8" round tube panel with center support bar for added strength and 90 degree joints for added safety, these panels connect using a quick and easy "drop pin" connection. Safety is always a top priority so these panels are 6' high to ensure tall or excitable horses are contained. Available in galvanized or powder-coated finish.

Odyssey Installation Tip:

Consider adding a bottom board to prevent footing material escaping from the walking area



XP

The XP fence system was originally designed as a kit system for the do-it-yourself weekend warrior. Although it can be purchased pre-assembled, it is easy to build using your own wood. The channels allow you to build the fence in the configuration you require while at the same time giving the flexibility of being a removable system. Channels accept 1.5" lumber of your choice (hardwood is recommended). A strong, safe, flexible fencing solution at minimal cost!



1. Site Location

Choose an area that is convenient both for the horses and trainers while being easily accessible. The recommended maximum distance from electrical breaker to control panel is 200' or 61m. Call your local utility companies to ensure that there are no underground pipes, cables, and wires etc. in the area. Please see the figure below for horse exerciser location suggestions.

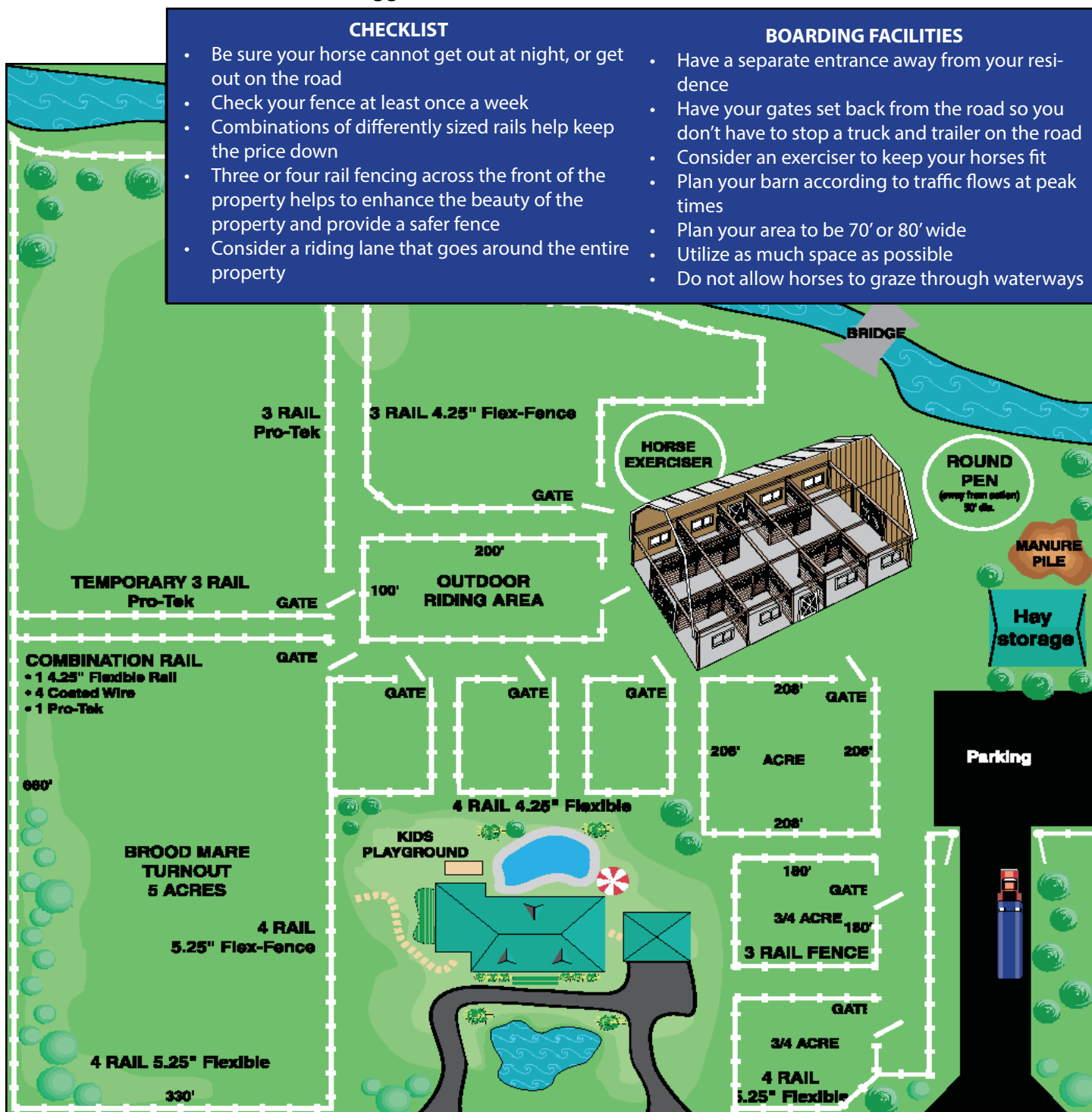
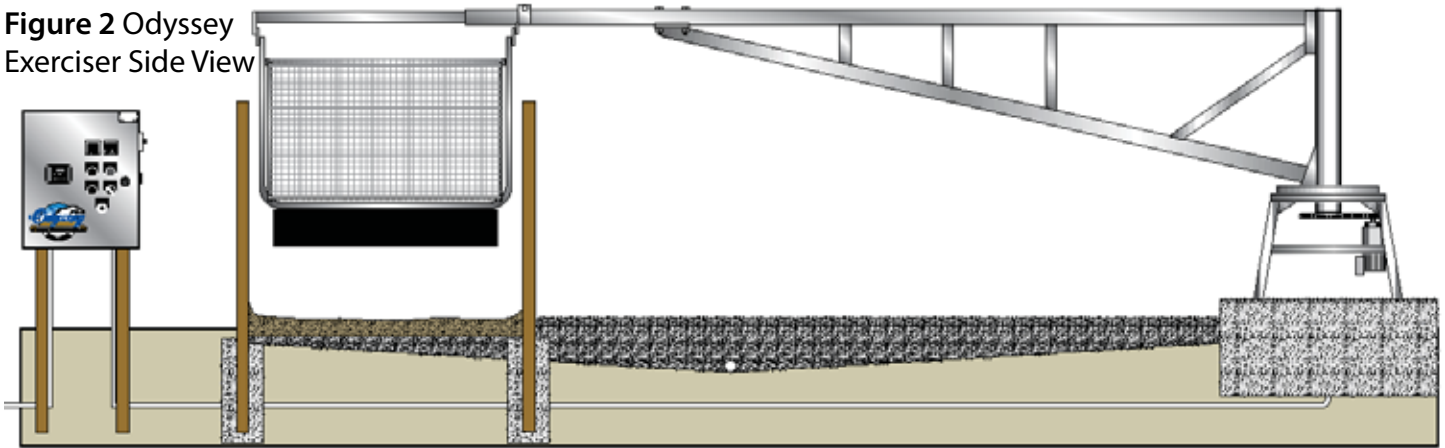


Figure 1 Odyssey Planning Guide

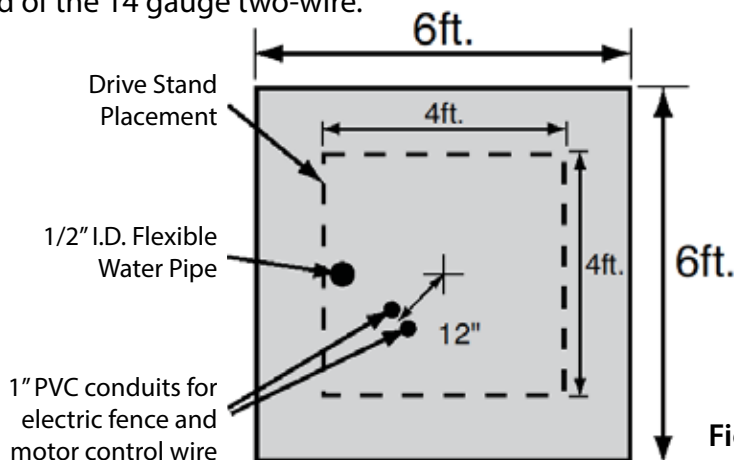
2. Foundation Installation

A solid foundation is paramount for trouble-free operation of the Odyssey horse exerciser (see Figure 2). From the center of the chosen site, excavate enough soil to pour 6' x 6' cement footing, approximately 6" above the desired finished grade and to a depth that is below the frost line (if applicable) to prevent heaving during freeze/thaw cycles. Recommended concrete to be used is 15-20 MPa or 3000 psi with 20mm regular stone, no reinforcement in the pad is necessary but may be added for extra strength.

Figure 2 Odyssey Exerciser Side View



In addition, excavate a trench from the foundation site to the location of the control panel and another from your control panel to your power source. It is recommended that the control panel be situated adjacent to the main gate opposite the gate opening—this will ensure that horses can be easily lead into the exerciser while the control panel is manned by the trainer. The depth of this trench should meet local electrical code for buried wire. Install two 1" PVC conduits from the control panel location to within 12" from the center of the foundation and another 1" PVC conduit from the power source to the control panel (see Figure 3). Placing a string in the conduits aids in 'fishing' the power cables from the control panel to the motor. Place a 1/2" ID 75 psi water line offset 12" from the center of the pad if a sprinkler system is to be installed (see Figure 3). Before pouring the concrete ensure that the foundation pad form is level to allow troublefree operation of the exerciser. You will also need enough 30amp 220v two-wire plus ground single phase cable to power the control panel (i.e. from your power location to the control panel), 20amp three-wire plus ground cable to connect the exerciser's motor to the control panel and 14 gauge two-wire to connect the fencer to the control panel (consult an electrician if you are considering other cable options). Some installations and electrical requirements may vary depending on local codes. If using a center pole application then under gate cable will be used instead of the 14 gauge two-wire.



It is recommended that the foundation be installed 6" above finished grade and well below

Figure 3 Odyssey Exerciser Foundation Top View

3. Site Drainage

The area should be well drained to ensure that the footing you choose remains dry and that potential injuries from poor footing are avoided. If water can be seen 'pooling' or standing water frequently occurs then you may want to consider installing a drainage system. The surface should be graded towards the midpoint between the center of the machine and the exterior fence (see Figure 2). Drainage tiles are then placed at the lowest point in a concentric circle between the concrete footing of the machine and the interior fence. From the circular drainage tile additional line(s) are added to carry the water away from the area. On top of the drainage tile, use "A" gravel compacted to form a French Drain. Over this sub-base you may wish to use a geotextile fabric to separate the final footing material from the rock sub-base. Over the "A" gravel use a stone dust or granular "D" material. This material should be compacted to form a type of road base material. Separation of the materials will greatly increase the lifespan on the drainage tile while preventing potential settling. The top footing material is specific to each riding discipline. Sand, bark chips, and rubber are all used as exerciser footing. Consult a drainage expert if you are unsure on how to proceed with drainage installation. Consult local riding barns or track builders about footing available in your area.

Tip:

Ensure that your sub-base is level around the complete circle of the machine. Drainage should drain to the inside of the machine. After installation of the sub-base the fencing should be installed before the top footing material is installed.

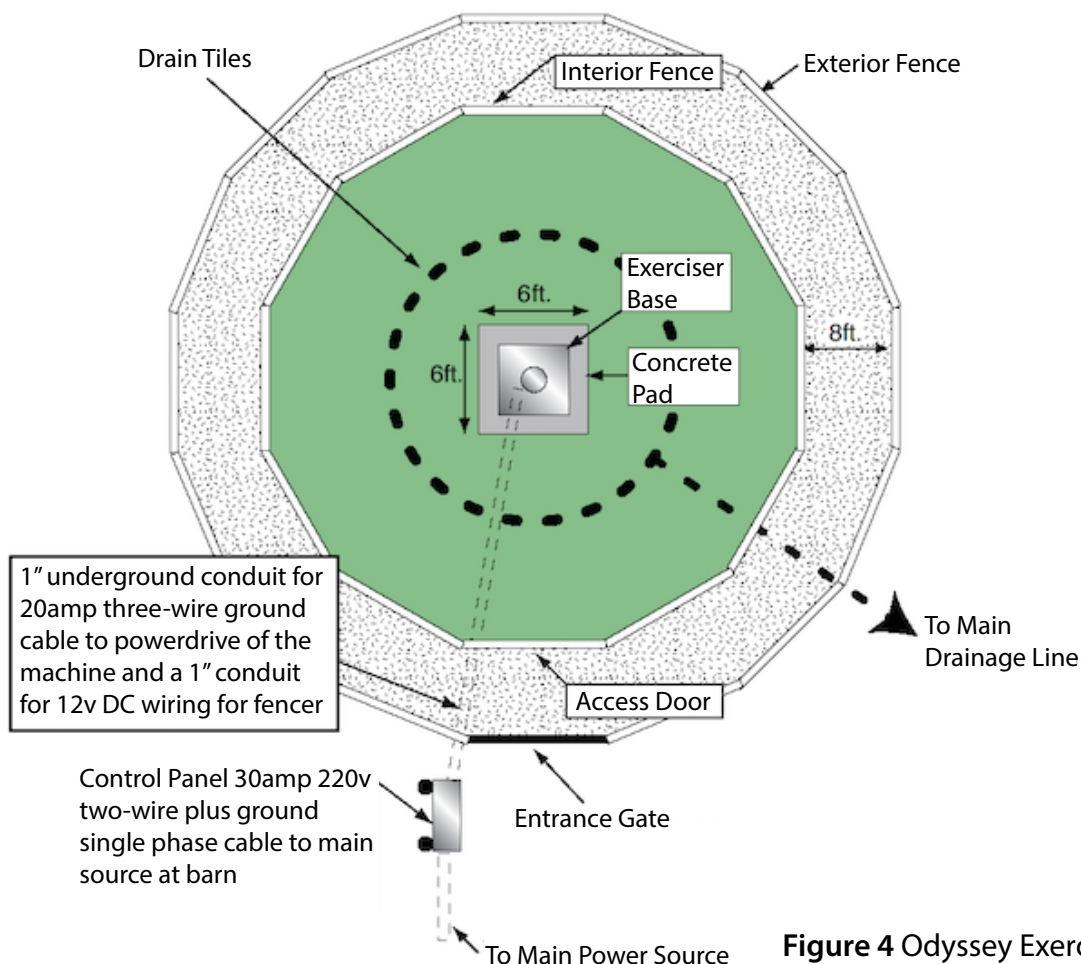


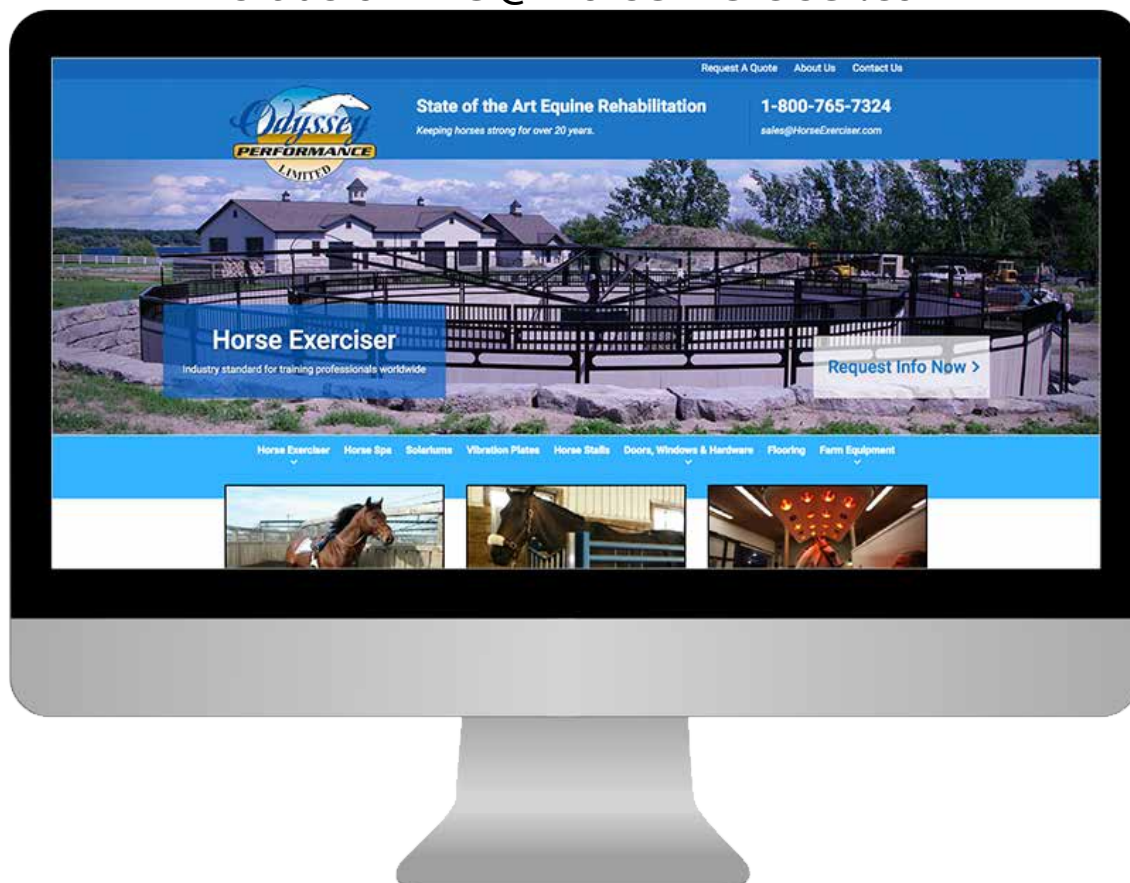
Figure 4 Odyssey Exerciser Plan View





Odyssey Performance Limited

Visit us online @ HorseExerciser.com



Terms

- Freight and applicable taxes are extra
- 50% of the total cost is due to commence Odyssey build
- 50% of total cost is due prior to shipping of Odyssey
- Please make all payments to the order of: ODYSSEY PERFORMANCE LIMITED
- Prices subject to change without notice
- Overdue accounts are charged 2% per month
- It is the buyer's responsibility to ensure prompt payment of all invoices

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