



PROJECT OUTLINE

PRICING: Following is a summary of Estimated Project Costs associated with a proposed 4-horse 60' diameter Equiciser and optional roof systems. **This is for a turnkey unit with all material and labor costs included. Exhibit A shows the required equipment list (fork lift) and installation time (1-wk) and labor provided by Jumps West**

Line Item	Project Cost A Not using Roundpen	Project Cost B Using Round Pen
1. Grading	TBD*	TBD*
2. Delivery	\$.975K	\$.975K
3. Equiciser Unit w/ exterior Fencing	\$25.5K	n/a
4. Equiciser Unit w/o exterior Fencing	n/a	\$21.5K
5. Installation (Note 1 Expected Case) -	\$4.75K Kit Form	\$4.75K Kit Form
6. Installation (Note 1 Worst Case) -	\$5.15K Kit Form	\$5.15K it Form
7. Roof System – Donut Style/FULL	\$24.8K/\$33.5K	\$24.8K/\$33.5K
8. Installation – Roof System - Included	Not a kit.	Not a kit.
9. Contingency (Note 2) electrical	\$1.5K	\$1.5K
10. Drainage (Expected/Worst for Donut Roof) Note 3	\$600-\$1500	\$600-\$1500

Sales Tax on Equiciser and Roof Parts can be eliminated if booked through our out-of-state corporate HQ.

Total Estimated Project Costs

Expected Case: (Nos.1+2+3/4+5+7+(50% x # 9))	56,775*	52,775*
+ Drainage	+\$600-\$1500	+\$600-\$1500
“Worst Case”: (Nos.1+2+3/4+6+7+(100% x # 9))	57,925*	53,925*
+ Drainage	+\$600-\$1500	+\$600-\$1500

Note 1: Assumptions regarding Contractor Costs for Equiciser

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Four men x 3 work days. Jumps West - Pour concrete, trenching for electrical, assemble unit, connect all parts, test unit. This is for the Equiciser. Add four days to this job for roof system. *Roof pricing includes the installation costs.* Please add +1 day 'worst case' on Equiciser install costs/no. of days onsite.

Note 2: Electrical Contingency: Installation cost on Equiciser may be affected as follows – price for electrical from outside of Equiciser fence is \$12/linear foot (includes labor and material). Existing power supply cannot exceed 125' distance or subpanel will have to be added for unit to operate correctly. Using assumption 125 linear feet x \$12.foot equals \$1.5K.

Note 3: Roof system quote is for Donut style roof. A complete 65' roof system costs 33.5K. Depending on the slope, the grade, it is recommended you add two 2'x2'x3' drain boxes w/a 6" PVC pipe to drain water from the center of the Equiciser unit. If there is adequate grade for drainage you will not need to include a French drain. That cost is \$600. With a French drain system, cost is \$1500.

Note 4: FULL 65' ROOF system is priced at \$33.5K installed. Reason is footings change from 1 x 1 x 4 to 2 x 2 x 7, need steel cage around each one, concrete cost alone is \$4K.

Note 5: Price quote for roofing system is good for SIX DAYS ONLY. Reason is prices change for steel components all the time, and supplier terms are net 10 days.

Note 6: Equiciser unit can be sold/ship in kit form. This is not true of any of the roofing options. All steel is shaped and cut onsite. Requires special handling and skills. Not available in kit form.

The following sections provide a description of the various Equiciser elements.

ROOF OPTIONS: All provided by Jumps West

The donut roof specifications for a 65 roof to cover a 60 ft exerciser using an existing round pen if it is totally round, must be confirmed by a person who knows how to use a tape measure.

The support posts are to be 4 x 4 inch square structural steel with a 3/16" wall thickness.

The rafters are 3 1/2 " x 3 1/2" square structural steel with 3/16" wall thickness.

The rafters are structurally designed to slide into the vertical 4 x 4 uprights so one can adjust the eave height.

The perlins are of 2 1/2 " Galvanized C's.

The roof is a 26 gauge thickness multi-rib with 3 ft coverage and 10 ft length with a 1 ft overhang beyond the outside perlin.

There are 26 standard colors to choose from McElory Metals, there are no substitutes on the colors. They are white on the underside and the chosen color is on the sky side. All roof pans are secured with self drilling tek screws with rubber washers attached at every valley and every perlin throughout the roof structure.

The eave of the roof is 9 ft.

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All posts are anchored into the ground with a 12 inch by 4ft deep hole with steel anchoring devices per each structural post.

The roof meets all seismic loads in your area and it is engineered to meet state and national live and dead loads. I know you have been asking about safety parameters since we first spoke.

This bid is without wet stamped engineering plans and it does not come with a local building permit.

A set of wet stamped engineered drawings would be an additional \$850.00.

All posts , and rafters are to be powder coated, the color selection to be supplied by Jumps West and the perlins are ail galvanized.

We do not use any wood trusses or wood perlins or simpson hangers, we believe wood is not the way to go in your moist and salt air environment, therefore we will bid only steel components.

EQUICISER SPECS:

The Centaur equiciser (our manufacturer) is the heaviest commercially made horse exerciser in the world in relationship to its number of arms on each model.

Framework that houses the Nord drive system is made of 2 1/2 x 21/2 by 188 wall structural steel.

The cover is of carbon steel 26 gauge in thickness and all 4 sides can be removed if needed to service the exerciser.

The Nord gearbox is made from a solid piece of cast iron known as a Unicase.

Nord incorporates the Quadrlip sealing system for its seals and Nord uses an auto vent breather plug to prevent moisture from entering if water is ever washed on the outside of the unit .

The Nord gearbox is directly coupled with our cold roll machined vertical shaft so we use no chains, v-belts or other applications, Centaur has a direct drive to its arms, therefore creating no slippage whatsoever.

The cover, head assembly and the arms are all sandblasted, heated in ovens to extract oil residue from the steel then powder coated with an industrial primer and finally a commercially applied powder coating in a gloss finish.

The arms are built with 2 sections the primary is built like a ladder truss for stability and the end arm is built in the shape of a triangle for function and appearance.

There is only 1 cable between each arm and they are located well beyond the end of the arm so horses do not come near them.

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The arm screens are made of 1 1/2 " x 1 1/2 " square steel (Galvanized with a dimension of 7' 6" wide and 4 ft vertically. The framework is covered with 6 gauge welded wire that is spot welded onto the frame it is also galvanized (hot dipped). The base of the screen is a rubber conveyor mat that is 7' 6" wide by 3 ft vertically attached to the moving screen. Each screen can be vertically adjusted up or down with 6 inches of play.

Centaur uses an ABB computer system the exact same system the oil industry uses in the arctic to run their remote controlled well heads throughout Texas and Canada. It has been programmed to Centaur's specific programs for its Nord drive system.

The control box is mounted by the outside gate and the basic system comes with a forward / reverse, stop and electrified screen either on or off knob. It also comes with an industrial rated Allen-Bradley emergency shut-off switch which is mounted on the outside of the weather protective control box.

Centaur's exerciser can go from "0 " mph to 23 mph within 35 seconds.

The system can be shoved into reverse at any speed and do to the synchro-mesh patented gear design will not damage the gearbox or the motor (this is a great feature especially when the help accidentally shifts from forward to reverse or vice versa without the unit slowing down).

Warranties are a big concern, and we offer the following Manufacturer's Warranty.

WARRANTY TERMS:

- Steel structure 12 yrs normal use
- motor/gearbox (powertrain) 5 years
- seals 1 year they should be changed at least 1or no later than 2 years for peace of mind.
- exterior grey control panel 2 years normal usage
- electrical components 1 year (ABB computer lightning strike or acts of nature not covered)
- Country of manufacture U.S.A. -- California Company
- Mfg. Centaur Horse Walkers – California Corporation. 42 years in the industry!
- 24 hour emergency phone service.
- all parts available within 24 to 48 hrs based on time and day client calls.
- direct power drive.
- 3 hp motor.
- Totally enclosed steel cover for all working components not exposed like most all other competitors.

ROUND PEN DISCUSSION:

This section covers the details other then the grading issue which the buyer will have to handle and the measuring of the roundness of the round pen, the price stays the same and we can incorporate the

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round pen as long as its walls do not exceed 8' in height and we have at least 10' of clearance around the entire perimeter of the round pen to work with the bobcat equipment.

Exhibit A

EQUIPMENT LIST – FOUR HORSE EXERCISER

We will need to have on site an **all terrain forklift or good size tractor** to unload exerciser, also need chains to pull out of container.

To unload: Need 3 men plus driver. Wrap chain around the frame not by computer or top shaft.

Need fork lift to place head onto the exerciser once concrete pad is done and help move fence panels around

- pipe wrench with jaws that open to at least 3' 1/2' inches plus a 3 foot piece of pipe that can go over pipe wrench handle to apply torque to head nut during assembly.
- 3 tall ladders folding types with an 8' min. in height
- 1/2" socket set
- combination wrench set open on 1 end and closed on the other end
- electrical wire strips for electrical wires
- electrical tester to test for proper electrical current and voltage known as a volt/ohm meter
- assorted screwdrivers both Phillips and standard
- black electrical tape
- standard hammer
- concrete finishing tools standard trowel and edger is all that is needed

INSTALLATION:

Need a grounding rod to be attached for each exerciser to base of exerciser solid copper rod 5' to 6' in length.

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Electrical wire snake that is at least a 50 foot model used to pull electrical wires through conduit in the ground and to pull shock wire through the arms of the exerciser.

Manpower will include at least 3 laborers and 1 forklift driver, and a supervisor. If the supervisor can drive the forklift, can reduce manpower by 1 laborer.

Assembly time approx. 3 days, not including concrete slab and electrical. These 2 areas can be done together in one day.

SITE PREP. You will need a transit and level to shoot the pad and make the grade totally LEVEL NO FALL " 0 " PERCENT, THIS IS ALL IN FIRST 3 PAGES OF MAIN MANUAL.

Total installation time: including roof system will take a full week – four men working seven days.