

CABLES-ONLY SYSTEM

Phantom[™]
INDOOR BATTING CAGE

A stylized graphic element consisting of several curved, overlapping lines that suggest motion or a bat's path, positioned to the right of the brand name.

PRODUCT GUIDE

BEACON  **ATHLETICS**

Phantom™ Indoor Batting Cage

CABLES-ONLY SYSTEM

This “cables-only system” is engineered to maximize your interior space. This guide will walk you through setting up your wall anchors, attaching anchoring and tensioning halyards, and raising your batting cage so you can start hitting balls.

Lowering and storing your batting cage is also described in this product guide.

PARTS & HARDWARE

- Phantom™ Tensioned Indoor Batting Cage net [1]
- Top supporting cables (already installed) [3]
- 2:1 tensioning assemblies with black nylon tensioning halyards [3]
- Anchor-end blocks with black nylon anchoring halyards [3]
- Rope Cleats [3]
- 1/4"-20 x 2" pan head screws [6]
- Optional intermediate cables [3]
(included for total span of 69'+ for 55 ft cage, and and with total span of 84'+ for 70 ft cage)

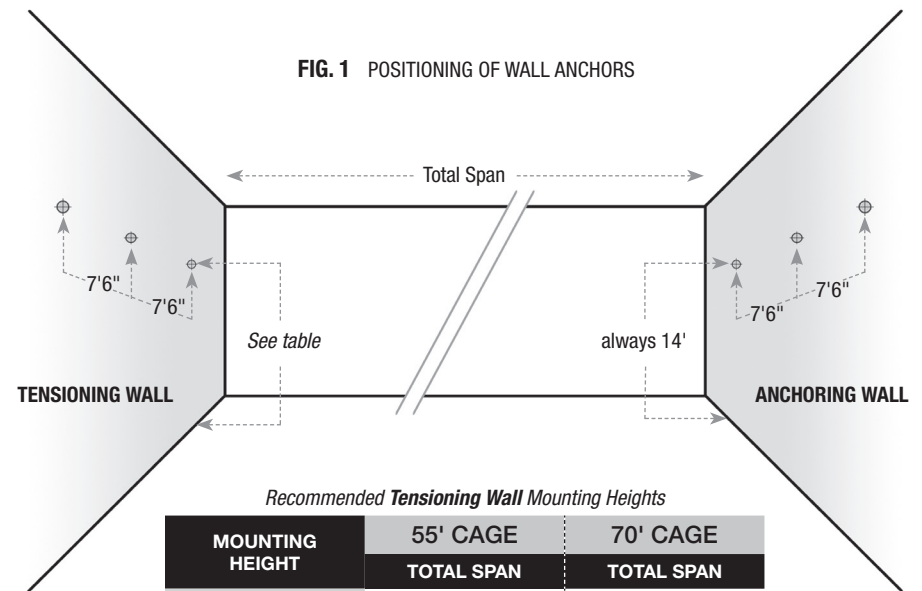
THINGS YOU'LL NEED (not included with your kit):

- 3/8" steel eyebolts [6]
- Wall anchors to receive 3/8" eyebolts rated to support a minimum 250 lb load [6]
- Wall anchors to receive 1/4" screws for rope cleats [6]
- Drill
- Step ladder
- Pliers



MOUNTING THE WALL ANCHORS

- 1 **Define one of your walls** as the tensioning wall and the opposite as the anchoring wall (see Fig. 1). Your tensioning wall will include the tensioning assembly with tensioning halyards that hang toward the floor. These halyards can be gathered and pulled to the side, or lifted and moved out of reach, if necessary. Take any doorways, bleachers, or obstacles into consideration when determining your tensioning and anchoring walls to avoid interfering halyards.
- 2 **Position and install** wall anchors and 3/8" eyebolts 7.5 feet apart on both your tensioning and anchor walls (anchors and eyebolts not included, wall anchors must be rated to support a minimum 250 lb load). Reference the Fig. 1 to determine the mounting height on the tensioning wall — mounting height on your anchoring wall is always 14 feet. “Total Span” refers to the distance between the tensioning wall and the anchoring wall.

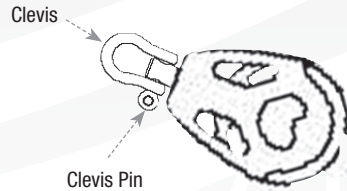


Recommended *Tensioning Wall Mounting Heights*

MOUNTING HEIGHT	55' CAGE	70' CAGE
	TOTAL SPAN	TOTAL SPAN
14 ft	up to 80 ft	up to 100 ft
14 ft 6 in	80 - 90 ft	100 - 110 ft
15 ft	90 - 100 ft	110 - 120 ft
Call for assistance	100+ ft	120+ ft

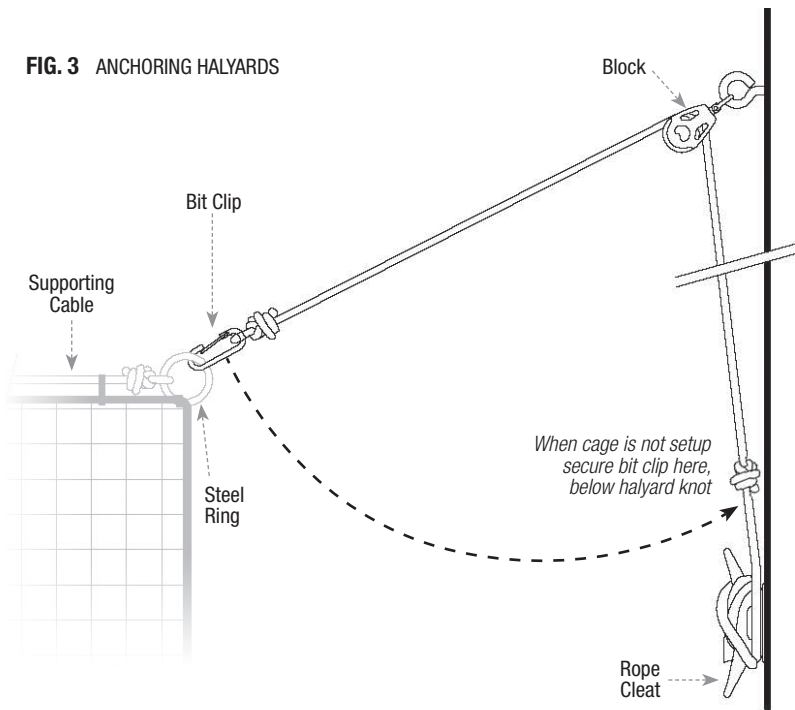
ANCHORING HALYARDS

- 1 **Once all wall anchors and eyebolts are installed**, attach a block to each eyebolt on the anchoring wall. To attach, unscrew the clevis pin to release the clevis. Then hang the clevis onto the wall-mounted eyebolt. Reposition the block within the clevis and screw the pin back in, tightening by hand. Make one last 1/4 turn with a pliers to ensure it is secure.



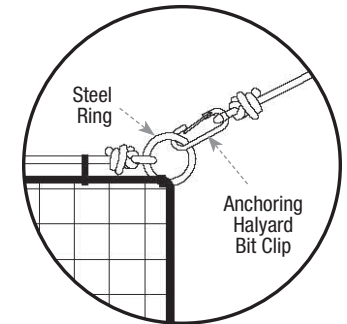
- 2 **During initial installation** — as well as when the cage is not in use — you want to prevent the bit clip from sliding up and out of reach toward the block. To keep the bit clip easily accessible for when you need it, attach the bit clip below the halyard knot located about 18 inches from the end of the halyard (see Fig. 3). The anchoring halyard should be secured in this way when the batting cage is not in use. **This should be done with each of the anchoring wall halyards, as well as the tensioning wall halyards.**

FIG. 3 ANCHORING HALYARDS



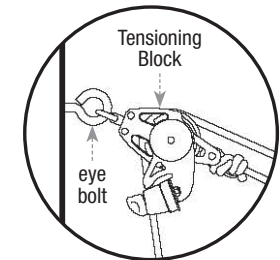
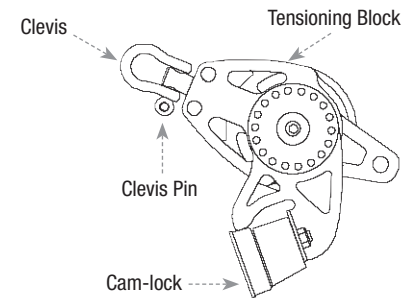
- 3 **Install three rope cleats** to correspond with the anchoring wall halyards in a convenient location. Secure the end of each anchoring halyard permanently around the corresponding rope cleat (see bottom of Fig. 3 on previous page). This will prevent the end of the anchoring halyard from getting out of reach.
- 4 **Spread the cage net out across the floor** with the steel rings extended towards each wall. Make sure the three steel rings on each end are on top, along with the three supporting cables.
- 5 **Attach the bit clip** from the anchoring halyards to the corresponding steel ring on the batting cage net (see Fig. 4).
- 6 **With all three anchoring halyards connected** to the net's steel rings, hoist each halyard so the anchoring wall end of the batting cage will hang at least 3 feet away from the anchoring wall. If necessary, let out some slack by temporarily unwrapping the halyard from the rope cleat.

FIG. 4 ATTACH BIT CLIP



TENSIONING HALYARDS

- 1 **Moving to the tensioning wall**, attach a tensioning block to each eyebolt on the tensioning wall. To attach, unscrew the clevis pin to release the clevis. Then hang the clevis onto the wall-mounted eyebolt. Reposition the block within the clevis and screw the pin back in, tightening by hand. Make one last 1/4 turn with a pliers to ensure it is secure.

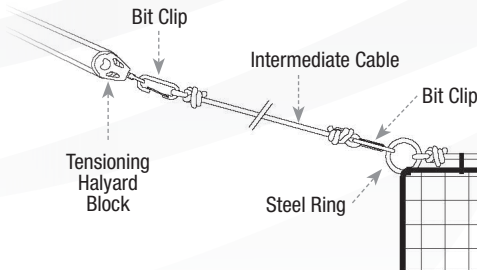


TENSIONING HALYARDS (continued)

2 If “intermediate cables” were included with your batting cage:

Attach a bit clip from an intermediate cable to the tensioning halyard block. Then, attach the other bit clip to the corresponding steel ring, attaching all three intermediate cables to the batting cage net (see Fig. 5).

FIG. 5 TENSIONING HALYARD-TO-CAGE ATTACHMENT



2 If you do not have “intermediate cables”:

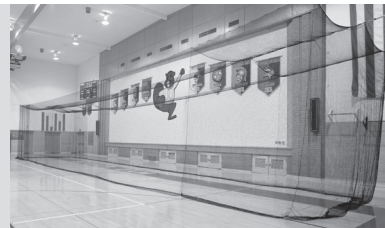
Simply attach the bit clips from the tensioning halyards directly to the steel rings on the batting cage.

- 3 **Grab the end of one of the tensioning halyards** and pull straight down to hoist the cage up into position. As the cable tension increases, the halyard will slide into the cam-lock and be held in place automatically if/when the halyard is released. Be sure you are pulling **straight down**, parallel with the wall, to engage the cam-lock. If you pull outward — away from the wall — the cam-lock may not engage properly. Repeat this step for each of the three tensioning halyards and adjust as necessary until desired cage height is reached.

NOTE: It is not necessary to apply excessive tension on the batting cage. It is designed to function properly under minimal tension, with as much as 24 inches of sag across the total span.

You're ready to start hitting.

Your initial installation is now complete. Continue to the next page for take-down and storage instructions, as well as the steps for routine setup of your batting cage.



Watch & learn with the Setup Video!
BeaconAthletics.com/phantomsetup

Scan this code with your smart phone



TAKE-DOWN & STORAGE

- 1 **Pull the tensioning halyards** away from the wall toward the batting cage to disengage the cam-locks and free the halyards so this end of the cage will drop to the floor freely. **Be sure to hold onto the halyards securely** to prevent them from slipping through your hands uncontrollably.
- 2 **Disconnect the tensioning halyards from the batting cage steel rings.** To prevent the bit clip from sliding up and out of reach, attach the bit clip below the halyard knot located about 18 inches from the end of the halyard as described during initial installation (see page 4, Fig. 3).
- 3 **With the tensioning end now on the floor**, bring the outermost supporting cables running the full length of the batting cage in toward the center supporting cable. Gather each side of the cage net inward until you have about 2 feet wide of net, with the supporting cables on top. **The goal is to avoid tangling the supporting cables and losing track of the steel rings.**
- 4 **Carefully place the batting cage** into the bottom of laundry bin or rolling storage container (the *Phantom Batting Cage Net Hamper* is recommended, see back page). Continue loading the cage into the container, moving toward the anchoring wall until you reach the still-connected anchoring halyards.
- 6 **Disconnect the anchoring halyards, repeating Step 2 above.**
- 7 **Place the rest of the cage** into the storage container after gathering the anchoring end of the cage, similar to Step 3. To ensure that you don't lose track of the steel rings, leave them hanging over the edge of your storage container as shown.



ROUTINE 5-MINUTE SETUP

- 1 **Roll your storage container** to the anchoring wall.
- 2 **Attach the anchoring halyards to the steel rings** as described during initial installation (see page 5, Fig. 4).
- 3 **Spread the cage net out across the floor** while rolling the storage container toward the tensioning wall.
- 4 **Attach the tensioning halyards to the steel rings** to the cage.
- 5 **Erect the batting cage** by pulling straight down on each tensioning halyard as described in the previous page (see page 6, Step 3).
For visual reference, scan the QR Code (left) to watch the Phantom Cage Setup on your smart phone.

RECOMMENDED STORAGE HAMPER



Phantom Batting Cage Net Hamper

Easy, mobile storage. Take the awkwardness out of storing a large net, and add mobility and efficiency to cage setup. This 10 cubic foot poly hamper is perfect to store and transport your Phantom Batting Cage. The cage goes from storage to ready to use in less than 5 minutes with this hamper. The hamper measures 43" x 28" and is 30" tall with four swivel casters. **Ships via freight.**

Net hamper.

43"L x 28"W x 30"H. 65 lbs

105-745-109 \$295.99

<http://beaconathletics.com/store/indoor/phantom-cage-net-hamper/>



Your satisfaction is our ultimate goal.

**Contact us at beaconathletics.com/contact
or call 800-747-5985 if you have any questions.**

www.BeaconAthletics.com • CALL 800-747-5985 • FAX 608-836-0724
8 2 3 3 F O R S Y T H I A S T R E E T S T E . 1 2 0 , M I D D L E T O N , W I 5 3 5 6 2