

MONO-BRACE™

The Smarter Choice.



Bracing for I.C.F. Block Wall Construction.

Contractor preferred
and field tested.



Mono-Brace is easy to store, transport and use. The bracing system is self contained. All parts are attached to the frame. It folds into itself so there are no parts to lose... no sorting or assembly required.

Set up and tear down takes only minutes. The brace has an adjustable built in spikeable walkway with a storable safety rail bracket required by OSHA. The walkway ledge allows for a kick-plate safety board.

FEATURES

BENEFITS

Quick Installation

Locking toggle pins make for quick, easy adjustment & installation.
Big dollar savings for the contractor, installer.

Easy Set Up and Adjusting

More profit through reduced installation costs.
Easier to handle, plumb and store.

Safer Installation

Reduces the risk of lost time accidents.
Safety rail bracket is included.

Meets OSHA Standards

Reduces liability and complies with the latest standards.
Third party engineering report available upon request.

One Piece, Telescoping, Self Contained Package

No lost parts or delays in installation.
Saves you space. Easy to move and handle.

Fully Adjustable

Micro & macro adjustment make installation
accurate & efficient. Adjustable platform.

Integrates with Buck Scaffolding

Works on high wall with readily
available cost effective Buck Scaffolding.

Built to Last

Mono-Brace is designed, engineered,
manufactured and galvanized for long life.

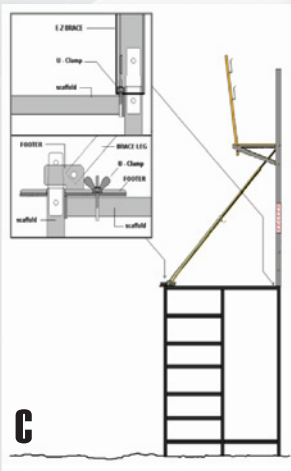
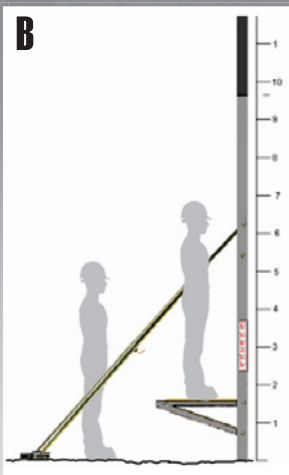
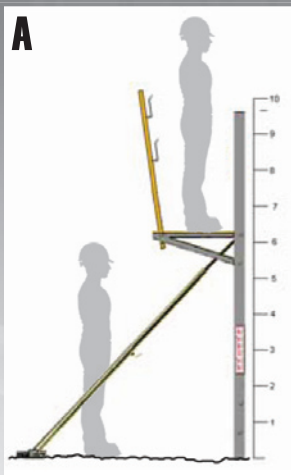
Item No.	Description	Dimensions	Weight Lbs.
MB8	8ft. Telescopic Foldaway ICF Bracing System complete with safety rail bracket*	8' x 5" x 2.75"	58
MB10	10ft. Telescopic Foldaway ICF Bracing System complete with safety rail bracket*	10' x 5" x 2.75"	65
MB12	12ft. Telescopic Foldaway ICF Bracing System complete with safety rail bracket*	12' x 5" x 2.75"	72

*Platform rating 50 pounds per square foot, handrail rated for a 200 pound point load as required by OSHA. Brace rated 10 pounds per square foot lateral wind load.

Patent No. 6,065,254



Locking toggle pins make for quick and easy installation and adjustment.



Mono-Brace offers a variety of ways to construct an I.C.F. wall. First, by itself, spaced at 5 foot intervals but can be used up to eight feet apart. Second, on Buck Scaffolding, and third, using one on top of another, bolted together.

A is the standard approach to I.C.F. Wall Construction. It is in the open, ready to use position. (In these figures we have added a ten foot scale next to the brace). No other parts are needed. The ten foot Mono-Brace System is spaced evenly across the wall.

B shows the ledge at the top folded into the frame and another ledge is placed at the bottom of the frame as a riser. This is accomplished by an optional ledge kit, or the use of one ledge from another unused brace. The height of the brace can be increased by bolting it to the top of another brace.

C Mono-Brace can be used on top of regular Buck Scaffolding for pouring in sections. After the pour is plumb and cured, the brace can be removed and Buck Scaffolding placed in position. Next, Mono-Brace can be placed on top of the Buck Scaffolding to construct the next tier of I.C.F. block. Mono-Brace frame and foot are designed to accommodate the scaffolding post where the Buck Scaffolding is joined together as seen in **C**.

This is done by placing Mono-Brace over the 1-5/8 inch diameter neck posts on either end of the Buck Scaffolding using the holes provided on the brace. No other attachments, out rigging or fixtures are required. Mono-Brace is then secured to the foot plate and Buck Scaffolding. We recommend the use of U-Bolts in the holes provided in the brace. Then continue to use the Mono-Brace System as before.

The Mono-Brace System can be used in many different configurations to best suit various building requirements. Everything you need is included and stored in the brace.

Please Note: Only experienced, qualified, trained professionals should use the Mono-Brace System and other related products on any construction project.

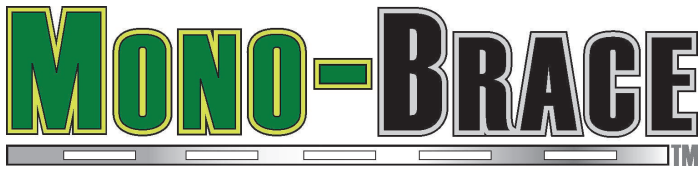
MONO-BRACETM

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MONO Brace Setup

1. Position the Brace against the wall.
2. Secure the brace by screwing into the block wall tie.
3. Remove the safety rail
4. Pull the leg out from the brace and position it.
5. Remove the toggle pin that is secured within the brace.
6. The Mono Brace macro adjustment feature allows you to quickly position the within 1/16" tolerance.
7. Insert the toggle pin and lock.
8. Secure the foot to the ground using rebar. Remove the toggle that is holding the platform.
9. Pull down the platform.
10. Insert the safety rail.
11. Insert toggle pin through platform and safety rail.
12. Nail planks to the spike-able platform.
13. Place boards or planks into safety rail brackets and secure wood screws.
14. Micro adjust the Mono Brace by turning the leg. If additional leverage is needed a steel rod may be inserted through the hole in the leg and used to make the adjustment. (Adjustment handles are available seperatly)
15. By turning the leg clockwise or counterclockwise the position of the brace can be easily moved in or out.

MONO Brace take down and store

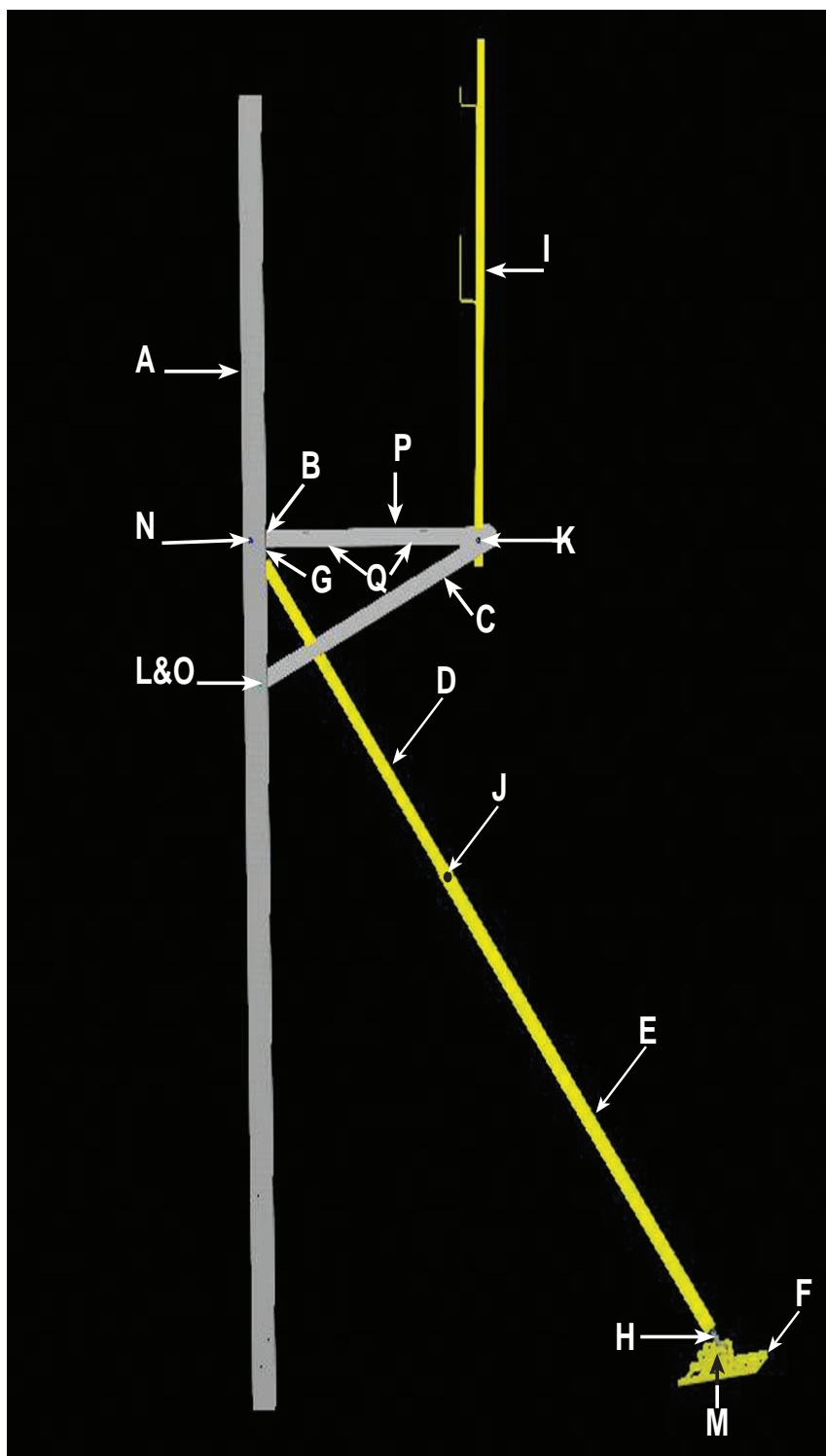
1. Remove the toggle pin from the safety rail.
2. Remove the safety rail.
3. Fold the platform up into the brace.
4. Insert the toggle pin into the brace.
5. Remove the rebar.
6. Remove the toggle pin from the leg.
7. Fold the leg back into the brace.
8. Insert the safety rail into the brace.
9. Secure the clevis pin back into the brace.

MONO BRACE platform adjustment

1. Remove walking and safety rail planks.
2. Remove toggle pin from platform.
3. Remove handrail.
4. Remove clevis pins from platform and remove brackets.
5. Remove toggle pin from rail and remove platform.
6. Adjust leg to desired platform position.
7. Reinsert toggle pin through rail and securing platform and leg.
8. Reinstall platform bracket with clevis pins and secure with snap pins.
9. Reinstall safety rail and platform toggle pin.
10. Reintsall walkway and railing planks.

MONO-BRACE™

Part Location



- A. Main Rail
- B. Platform
- C. Strut
- D. Leg Upper
- E. Leg Lower
- F. Foot Plate
- G. Swivel Connector
- H. Adjustment Screw
- I. Safety Rail
- J. 5/16" Gravity Pin
- K. 7/16" Gravity Pin
- L. Clevis Pins
- M. Bolt and Nut for Foot Plate
- N. 1/2" Gravity Pin
- O. Hair Pins
- P. Nailer Block
- Q. Nailer Screws