

ISO●BaseTM

Seismic Isolation Platform

DIMENSIONS & WEIGHTS

WorkSafe Technologies

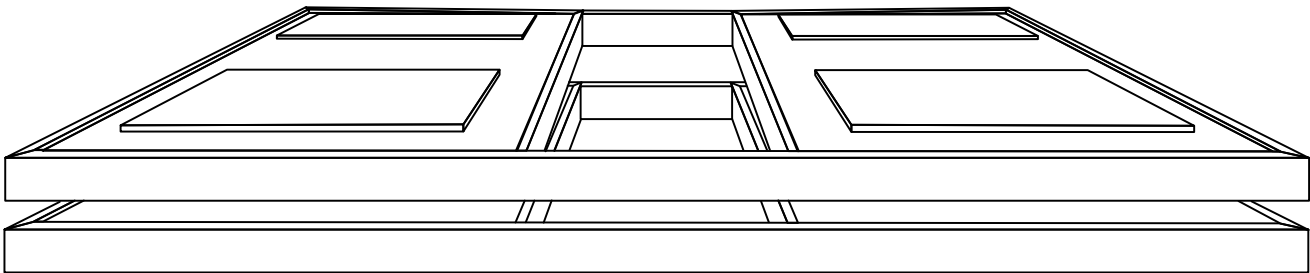
Manufacturer of ISO-BaseTM Seismic Isolation Technology.

The unique design of the ISO-Base Seismic Isolation Platform allows for a multitude of design and layout options. Each “Plank” includes a top and a bottom with (2) Ball-N-Cone™ isolators. Planks are connected to one another with “Connectors” that bolt into front and rear channels on the plank and are available to fit almost any size equipment being isolated.

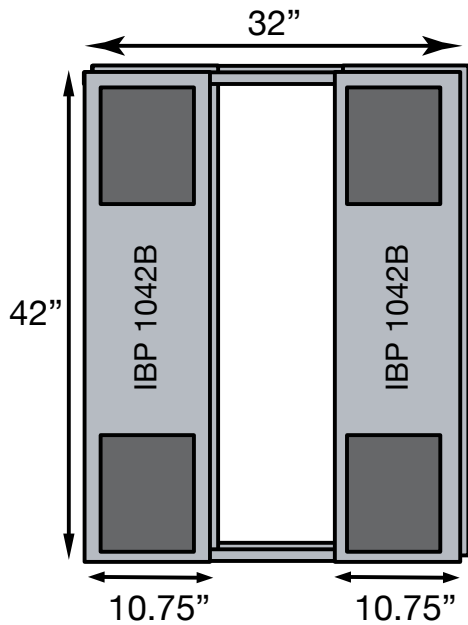
The open frame design allows proper air circulation and allows a space for cable management through a raised access floor, but platforms can be used on any type of floor.

Assembly of the ISO-Base Seismic Isolation Platform is not a complex process. Planks are re-usable and re-configurable should it be necessary to modify an existing platform.

This document features a description of the most common size planks with their weights and dimensions. It also features information on the ISO-Base Connectors, “L” Bracket and Flat Bracket Kits, as well as other ISO-Base Accessories.



10.75" ISO-BASE PLANKS



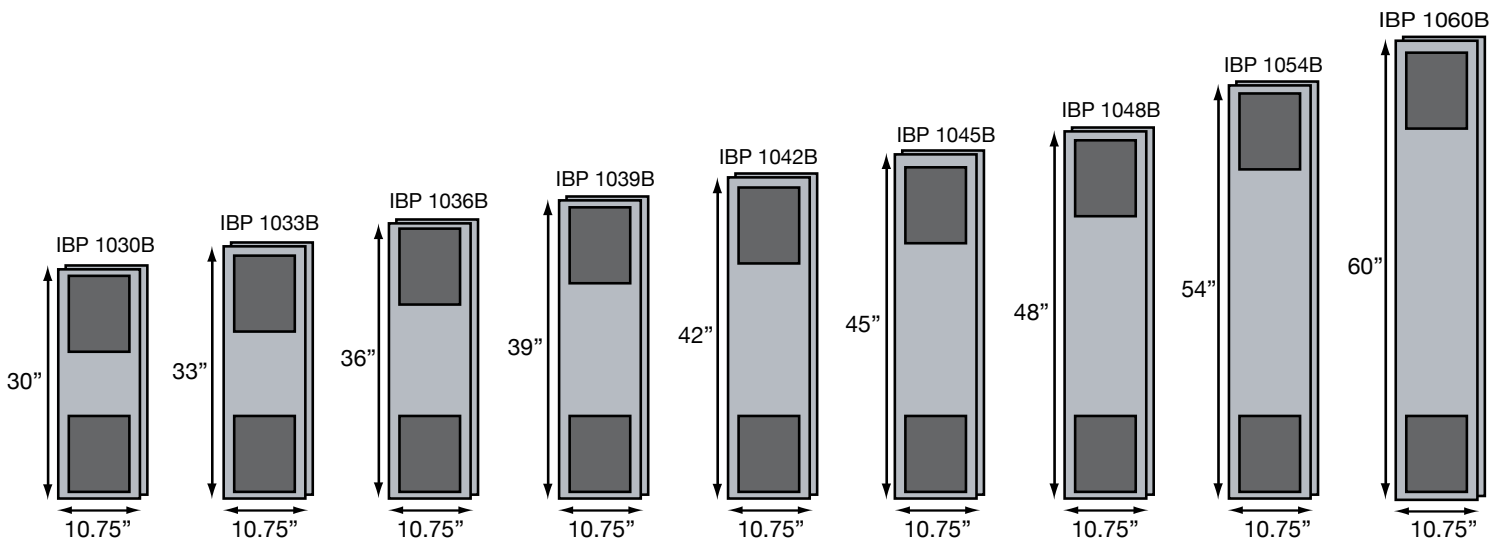
Top view of a stand-alone ISO-Base Seismic Isolation Platform

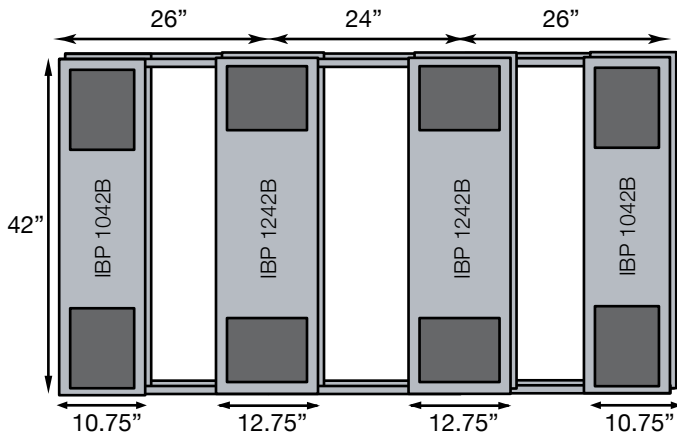
Pictured above are two IBP 1042B planks connected by four 32" connectors. The platform dimensions are 32" wide by 42" deep - the recommended size for a single 28" wide by 40" inch deep server cabinet.

When specifying the ISO-Base, you will need one more plank than the number of cabinets in a row. A stand-alone cabinet requires two planks. Two side-by-side cabinets require three planks. Three side-by-side cabinets require four and so on.

PART #	DIMENSIONS (W x L x H)	WEIGHT
IBP 1030B	10.75" x 30" x 3"	51.30 lbs
IBP 1033B	10.75" x 33" x 3"	54.41 lbs
IBP 1036B	10.75" x 36" x 3"	57.25 lbs
IBP 1039B	10.75" x 39" x 3"	61.00 lbs
IBP 1042B	10.75" x 42" x 3"	64.00 lbs
IBP 1045B	10.75" x 45" x 3"	66.75 lbs
IBP 1048B	10.75" x 48" x 3"	68.00 lbs
IBP 1054B	10.75" x 54" x 3"	74.60 lbs
IBP 1060B	10.75" x 60" x 3"	79.80 lbs

Both the dimensions and weight listed represent the total for both the top and bottom pieces of each plank. These weights include isolation bearings and all hardware. Weights may vary slightly from unit to unit.





Top view of a multi-unit ISO-Base Seismic Isolation Platform used for three server cabinets.

Pictured above are two IBP 1042B planks and two IBP 1242B planks. 12.75" planks are typically used in the middle of multi-unit rows and 10.75" planks are used on the ends. The planks are connected by four 24" connectors in the middle and eight 26" connectors (four on each end).

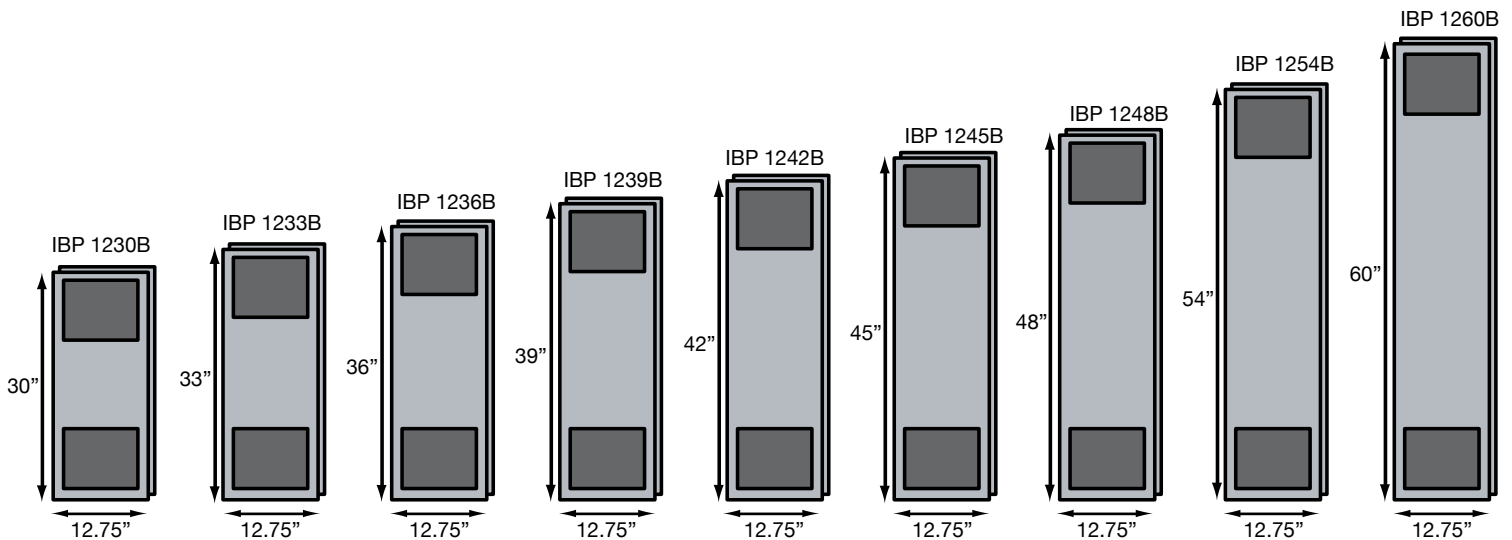
Connectors are usually two inches longer than the width of the cabinet on the ends of multi-unit rows. The middle connectors will be sized to match the width of the cabinets.

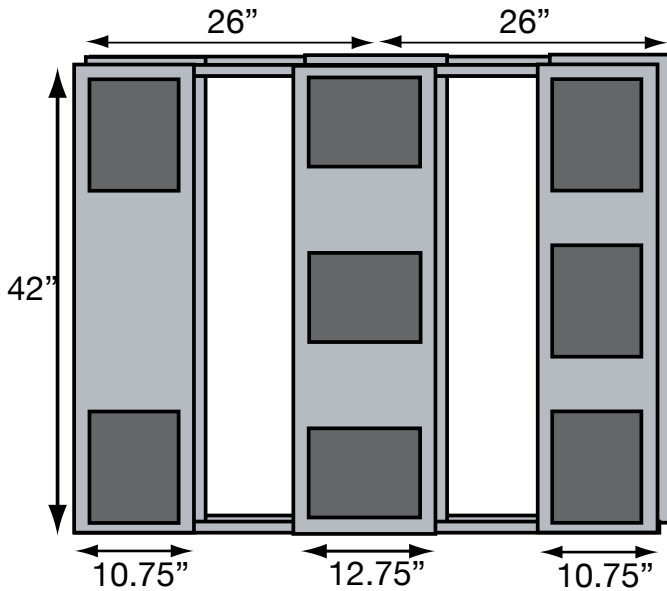
The platform dimensions are 76" wide by 42" deep - the recommended size for three 24" wide by 40" deep server cabinets.

When specifying the ISO-Base, you will always need one more plank than the number of cabinets in a row. In this example, three side-by-side cabinets require four planks.

PART #	DIMENSIONS (W x L x H)	WEIGHT
IBP 1230B	12.75" x 30" x 3"	60.00 lbs
IBP 1233B	12.75" x 33" x 3"	62.70 lbs
IBP 1236B	12.75" x 36" x 3"	65.30 lbs
IBP 1239B	12.75" x 39" x 3"	72.00 lbs
IBP 1242B	12.75" x 42" x 3"	75.25 lbs
IBP 1245B	12.75" x 45" x 3"	79.25 lbs
IBP 1248B	12.75" x 48" x 3"	81.00 lbs
IBP 1254B	12.75" x 54" x 3"	89.65 lbs
IBP 1260B	12.75" x 60" x 3"	95.70 lbs

Both the dimensions and weight listed represent the total for both the top and bottom pieces of each plank. These weights include isolation bearings and all hardware. Weights may vary slightly from unit to unit.





Top view of a multi-unit ISO-Base Seismic Isolation Platform featuring Heavy-Duty Planks used for two server cabinets.

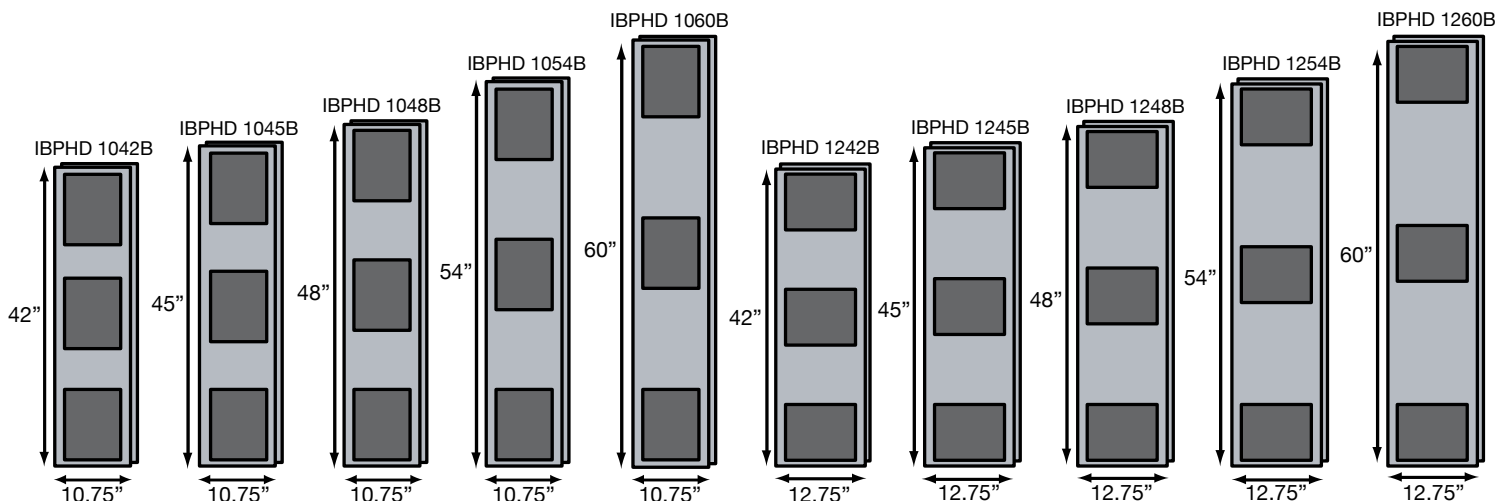
The above example is a three plank platform, used for two server cabinets. The right and center planks are Heavy-Duty planks, while the left is a standard plank. This configuration would be used for a standard cabinet on the left and a heavy cabinet on the right.

The weight capacity of both our standard and heavy duty planks will vary depending on how they are configured. Your WorkSafe Technologies representative can assist you with determining if Heavy-Duty planks are required for your layout.

Heavy-Duty ISO-Base Planks are the same as our standard planks but feature the addition of a third Ball-N-Cone™ Isolator in the center of the plank to increase the weight load capacity. They can be used in the same row with standard planks.

PART #	DIMENSIONS (W x L x H)	WEIGHT
IBPHD 1042B	10.75" x 42" x 3"	72.70 lbs
IBPHD 1045B	10.75" x 45" x 3"	75.50 lbs
IBPHD 1048B	10.75" x 48" x 3"	76.85 lbs
IBPHD 1054B	10.75" x 54" x 3"	83.60 lbs
IBPHD 1060B	10.75" x 60" x 3"	88.75 lbs
IBPHD 1242B	12.75" x 42" x 3"	84.20 lbs
IBPHD 1245B	12.75" x 45" x 3"	88.25 lbs
IBPHD 1248B	12.75" x 48" x 3"	91.75 lbs
IBPHD 1254B	12.75" x 54" x 3"	98.60 lbs
IBPHD 1260B	12.75" x 60" x 3"	104.60 lbs

Both the dimensions and weight listed represent the total for both the top and bottom pieces of each plank. These weights include isolation bearings and all hardware. Weights may vary slightly from unit to unit.

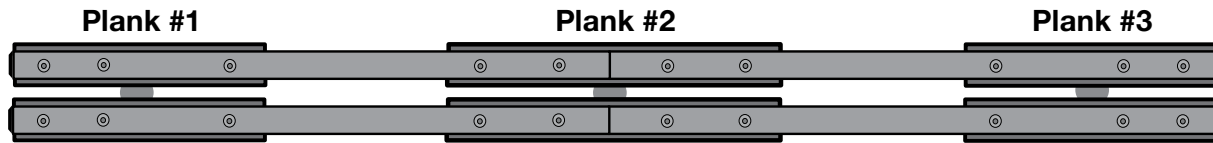




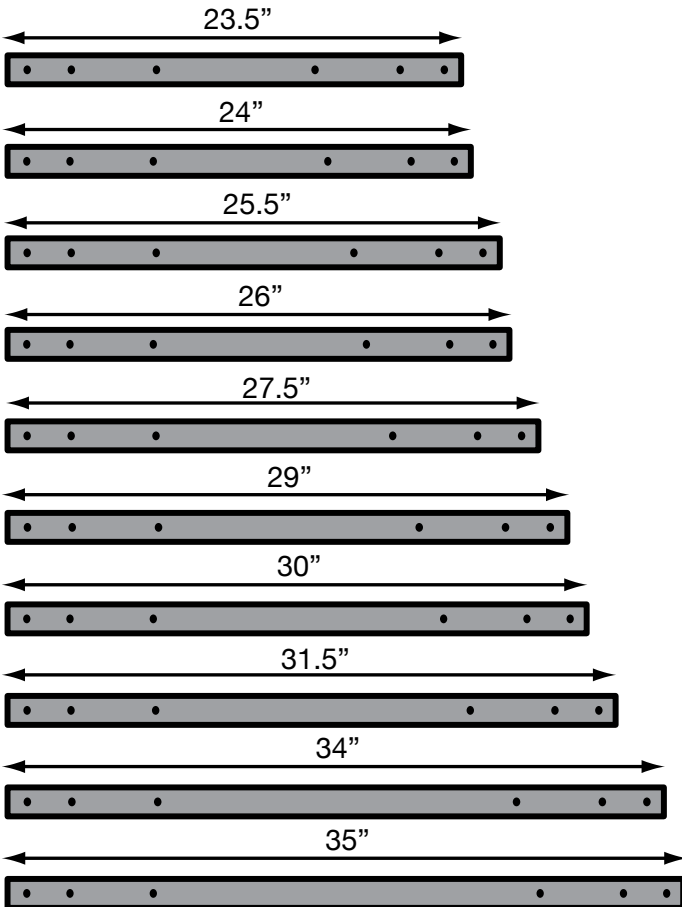
Front view of stand-alone platform for a single cabinet.
Set-up consists of two planks and four connectors.

The ISO-Base Connector is included with the ISO-Base Plank and is used to connect planks to form a platform.

Four connectors per cabinet are needed to attach one plank to another. Up to (4) are included with the purchase of each ISO-Base Plank. Connectors will work for either 10.75" or 12.75" planks. They will also work for the middle of multi-unit rows or for the ends with no modifications. Connectors with special hole patterns are available if needed.



A multi-unit platform consists of more than two planks. There will be four connectors per cabinet.
This example is used for two cabinets.



Connectors are available in almost any size. The sizes listed are just a sample of what is available. The weights above are listed individually and for a set of four. Weights will vary from unit to unit.

PART #	DIMENSIONS (W x L x H)	WEIGHT (each)	WEIGHT (x4)
IBC 23.5	1" x 1" x 23.5"	2.57 lbs	10.28 lbs
IBC 24	1" x 1" x 24"	2.60 lbs	10.40 lbs
IBC 25.5	1" x 1" x 25.5"	2.75 lbs	11.00 lbs
IBC 26	1" x 1" x 26"	2.80 lbs	11.20 lbs
IBC 27.5	1" x 1" x 27.5"	3.01 lbs	12.04 lbs
IBC 29	1" x 1" x 29"	3.34 lbs	13.36 lbs
IBC 30	1" x 1" x 30"	3.41 lbs	13.64 lbs
IBC 31.5	1" x 1" x 31.5"	3.54 lbs	14.16 lbs
IBC 34	1" x 1" x 34"	3.69 lbs	14.76 lbs
IBC 35	1" x 1" x 35"	3.75 lbs	15.00 lbs

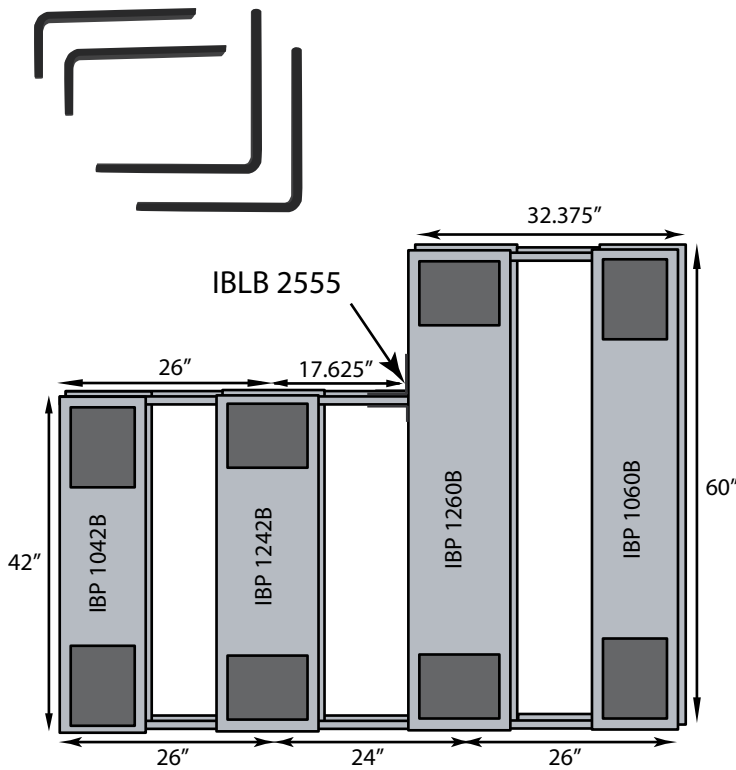
**ISO-BASE “L” BRACKET KIT
IBLB 2555**

To isolate different depth cabinets on the same platform use the ISO-Base “L” Bracket kit.

The “L” Bracket kit is designed to connect different depth planks together in order to configure a multi-unit platform for different depth cabinets.

The ISO-Base “L” Bracket kit consists of four brackets for the interior of the connection and the exterior on both the top and bottom planks.

Contact your WorkSafe Technologies representative for more details.



Top view of a multi-unit platform configured for two smaller depth cabinets next to a longer depth cabinet.

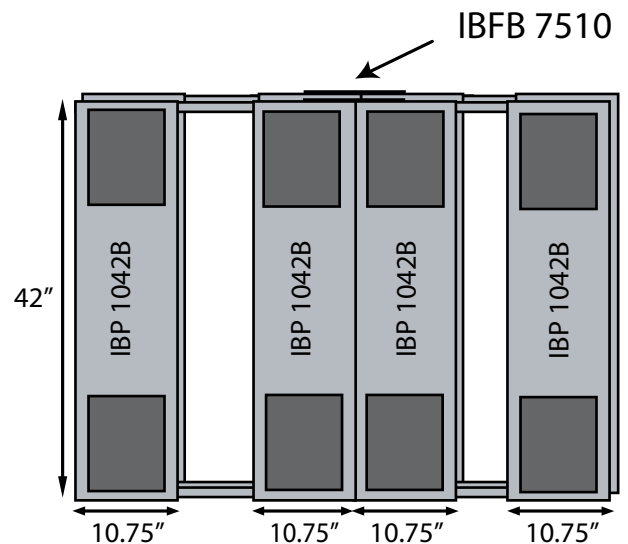
PART #	DESCRIPTION	WEIGHT
IBLB 2555	(2) 5" x 5" "L" Brackets & (2) 2" x 5" "L" Brackets	2.0 lbs
IBFB 7510	(2) 0.75" x 9.875" Flat Brackets	1.2 lbs
IBFB 7511	(2) 0.75" x 10.875" Flat Brackets	1.3 lbs
IBFB 7512	(2) 0.75" x 11.875" Flat Brackets	1.4 lbs

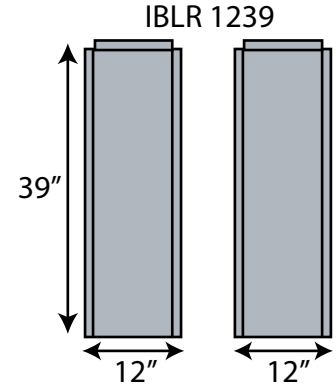
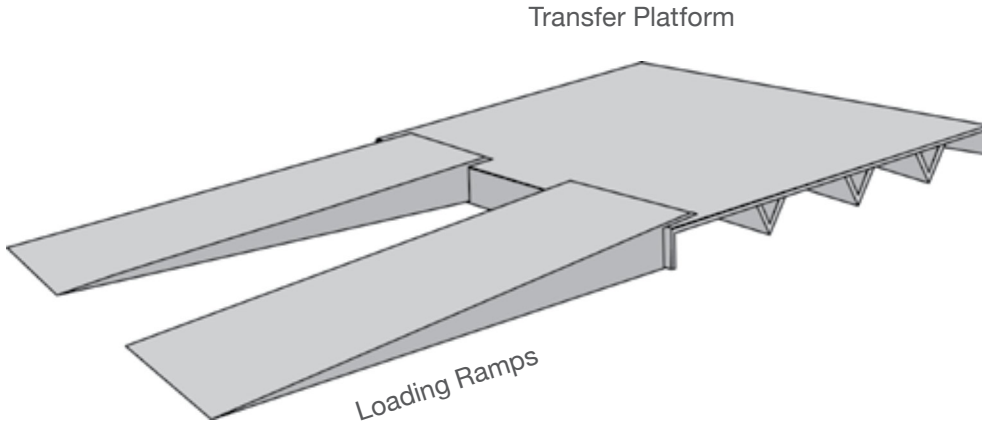
**ISO-BASE FLAT BRACKET KIT
IBFB 7510, IBFB 7511, IBFB 7512**

The ISO-Base Flat Bracket is used to connect two adjacent planks together to form a plank that is extra wide. It can also be used to connect two independent stand-alone platforms, when there are weight or space concerns.

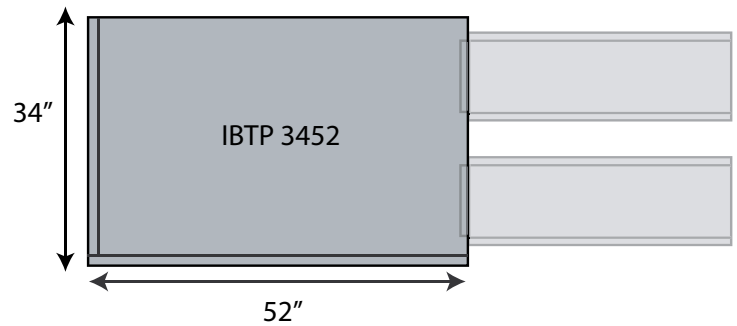
The three standard sizes listed are used to connect different width ISO-Base planks. Use the IBFB 7510 when connecting two adjacent 10.75" wide planks, the IBFB 7511 when connecting an adjacent 10.75" and 12.75" plank, and the IBFB 7512 when connecting two 12.75" wide planks. Custom sizes are available upon request.

Each ISO-Base Flat Bracket kit consists of two brackets for the exterior connection of the top and bottom plank. If connecting both front and back of the planks, two kits will be needed.





PART #	DESCRIPTION	WEIGHT
IBLR 1239	(2) 12" x 39" Loading Ramps	25 lbs
IBTP 3452	(1) 34" x 52" Transfer Platform	70 lbs



ISO-BASE LOADING RAMPS AND TRANSFER PLATFORM
IBLR 1239, IBTP 3452

The ISO-Base Loading Ramps and Transfer Platform are used for installation of cabinets atop fully assembled ISO-Base Seismic Isolation Platforms. Cabinets with wheels can be rolled up the Loading Ramps directly onto the Platform, or they can be first positioned atop the Transfer Platforms when there are space constraints.

In the event that cabinets cannot be disconnected and temporarily relocated while the ISO-Base Seismic Isolation Platform is being assembled, our Hydraulic Lift System is the answer. Contact your WorkSafe Technologies representative for more information or visit our website to download the ISO-Base Platform Installation Guide.

