echo
BY ABEX

ASSEMBLY INSTRUCTIONS
10x20 Kandel Echo

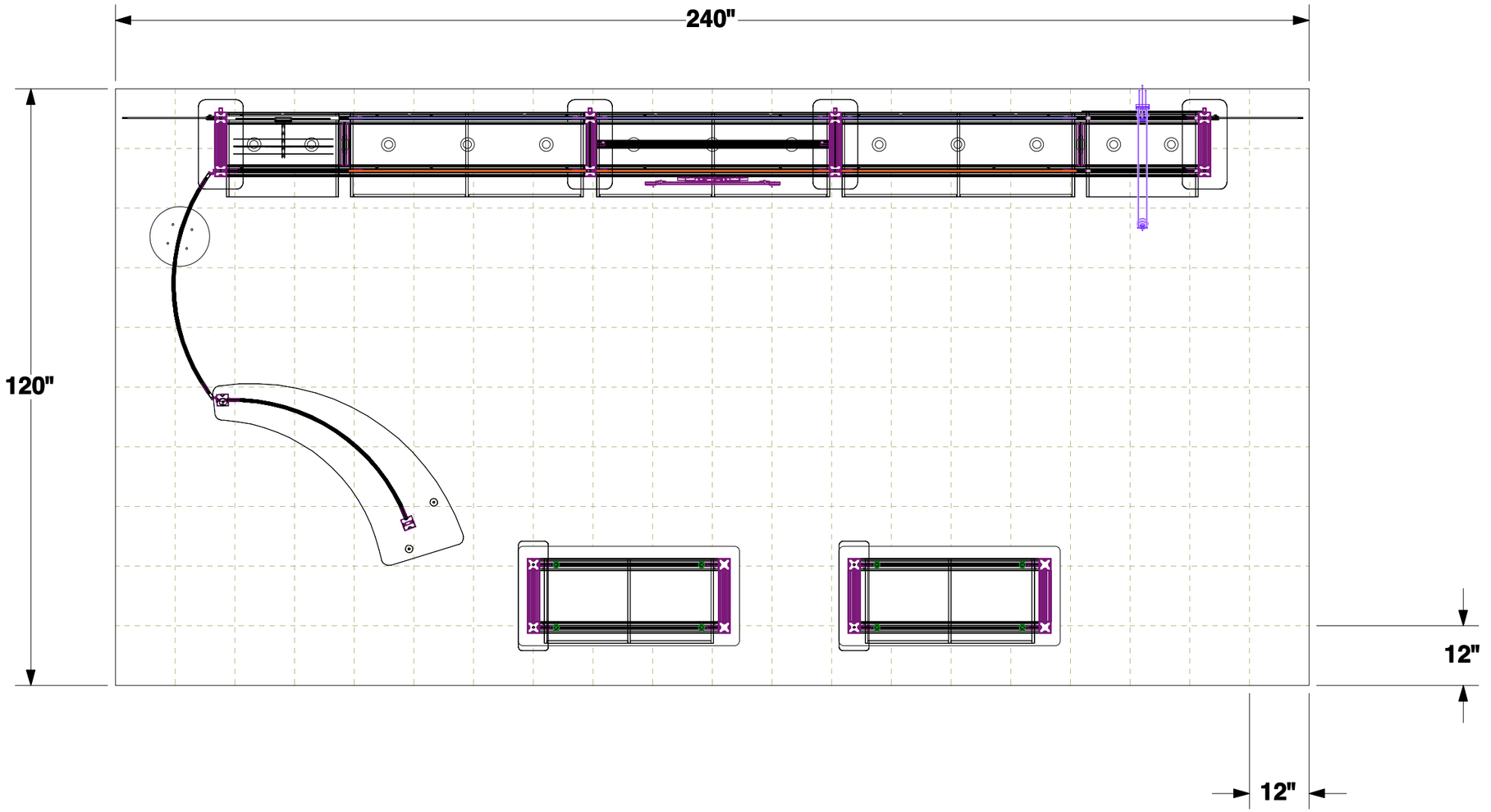


Abex Exhibit Systems * 7101 Fair Avenue, North Hollywood, CA 91605 * (800) 537-0231 * Fax: (818) 503-9955 Website: www.echodisplay.com

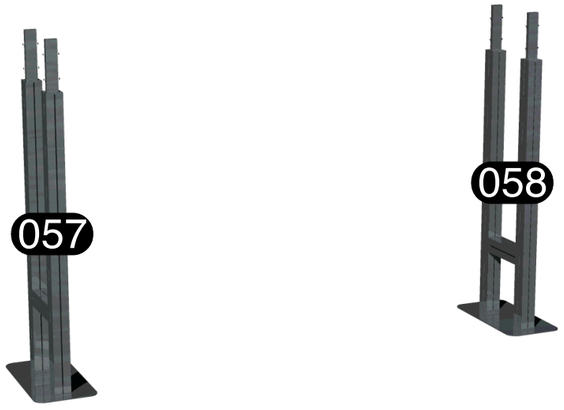

echo
plastics
PVC Profile Extrusion
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Blow Molding of Parisons
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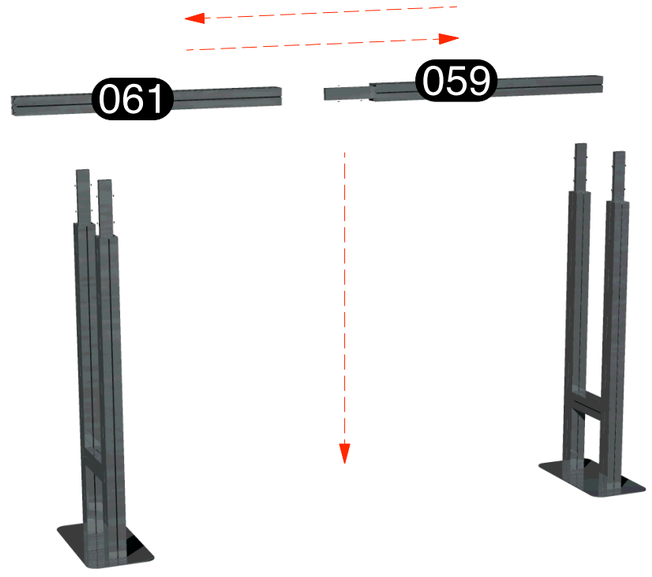

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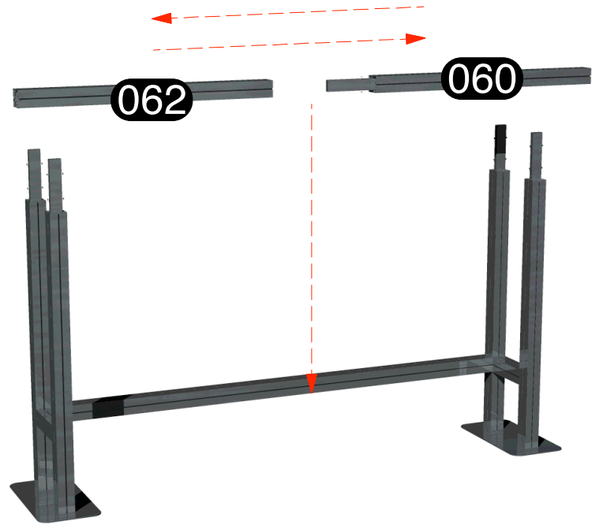
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Step 1
Grab the assembled bases #057, and #058 place them on the floor.



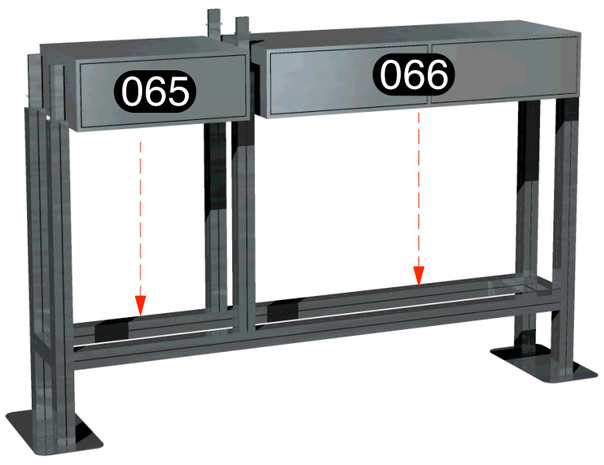
Step 2
Take #059 octanorm with the splice and insert into the other #061 octanorm.Take the screws and place them into the octanorm to secure together.



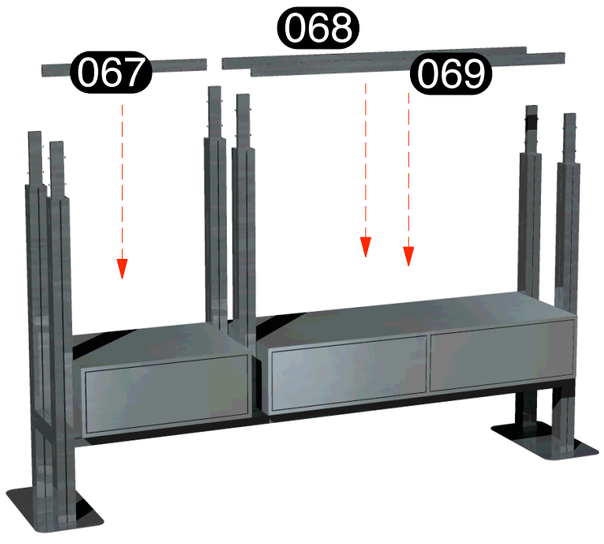
Step 3
Take #060 octanorm with the splice and insert into the other #062 octanorm.Take the screws and place them into the octanorm to secure together.



Step 4
Grab #063 and #064 octanorm and place them on the top of the horizontal octanorm. Lock in in place using the green tool that is provided.

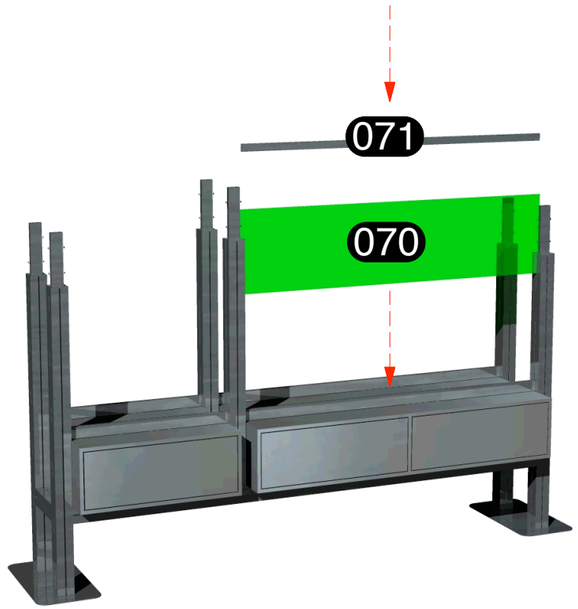


Step 5
Take the cubes #065 and #066 and place the on top of the octanorm.Use the bracket on the back to secure the cubes in place.



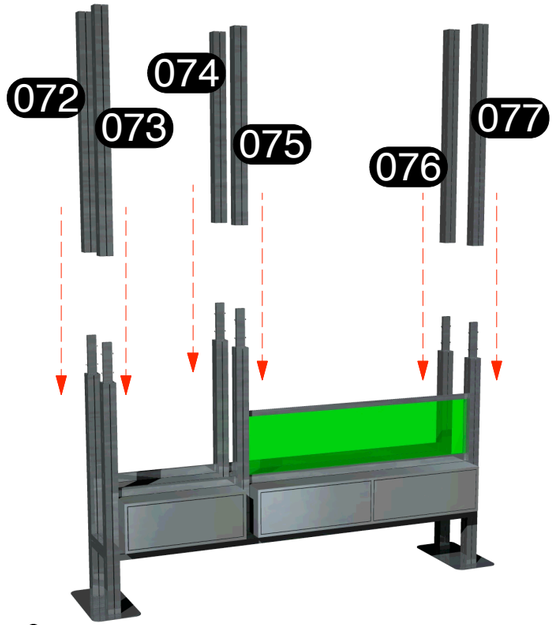
Step 6
Take #067, #068, and #069 and place them on top of the cubes. Use the green tool provided to lock in place.

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Step 7

Take #070 green plex and slide on the front of the unit. The plex slides into the groove of the unit. Now take the H-mold #071 and place on top of the green plex.



Step 8

Take #072,#073, #074,#075,#076,#077 octanorm and place on top of the other octanorm with the splice. Take the screws provided and secure together.



Step 9

Take #078 graphic and slide into the octanorm groove in the front of the unit.



Step 10

Take #081 and #083 octanorm and assembled together. Use the screws to secure the octanorm together. Now take the green tool and lock the octanorm to the top front of the unit.



Step 11

Take #082 and #084 octanorm and assembled together. Use the screws to secure the octanorm together. Now take the green tool and lock the octanorm to the top front of the unit.



Step 12

Take the polygal panels #079, and #080 that are folded in half.Unfold the panels and place on the back of the unit. The panel will get attached with velcro.

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Step 13
Take #085 octanorm and lock in place on the left side of the unit. Now slide #086 diffuser in place. the diffuser will slide in the octanorm groove.



Step 14
Take #087 octanorm and lock in place using the green tool

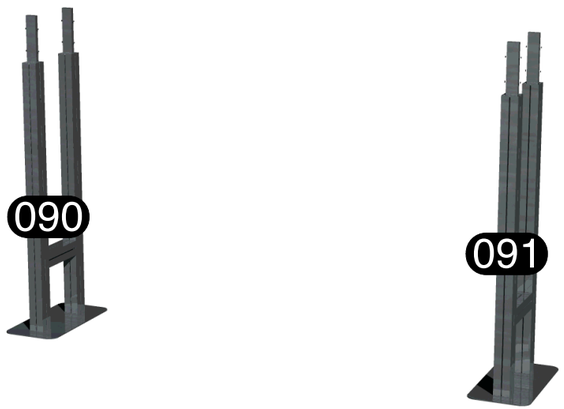


Step 15
Take #088 and slide into the groove of the octanorm. Now take #089 and lock in place on the right side of the unit.

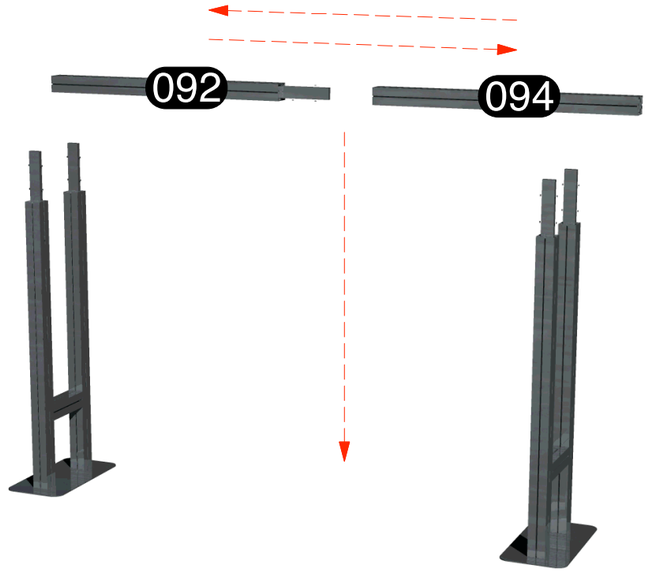


Step 16
Left side of the Echo is assembled.

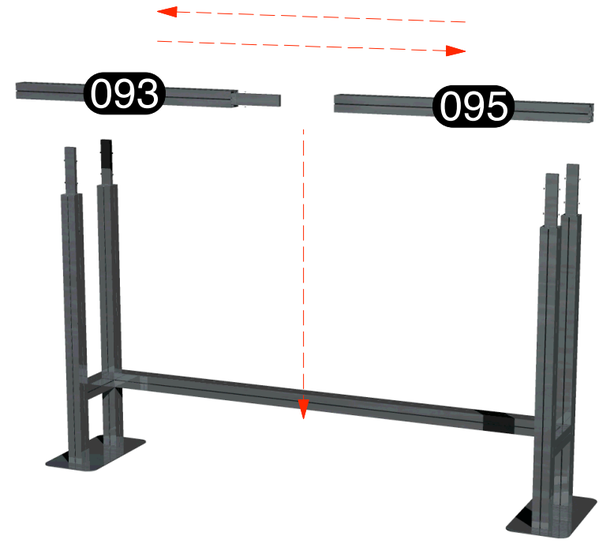
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Step 17
Grab the assembled bases #090 and #091 place them on the floor.



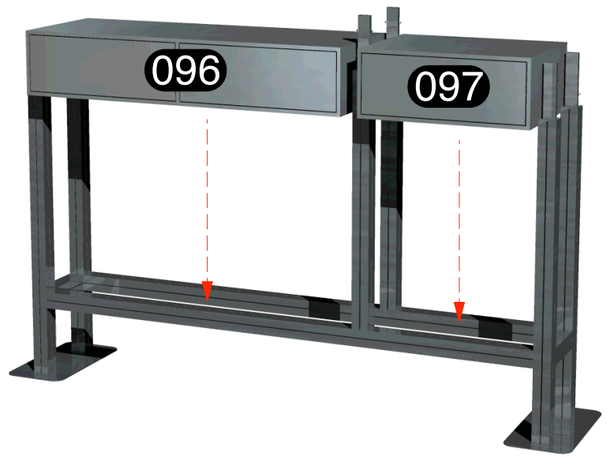
Step 18
Take #092 octanorm with the splice and insert into the other #094 octanorm.Take the screws and place them into the octanorm to secure together.



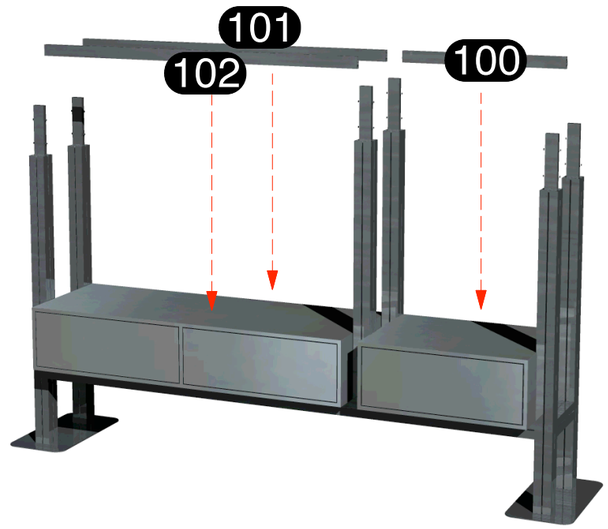
Step 19
Take #093 octanorm with the splice and insert into the other #095 octanorm.Take the screws and place them into the octanorm to secure together.



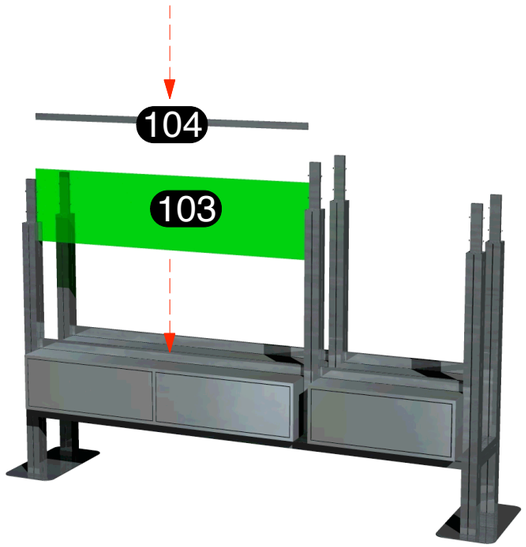
Step 20
Grab #098 and #099 octanorm and place them on the top of the horizontal octanorm. Lock in in place using the green tool that is provided.



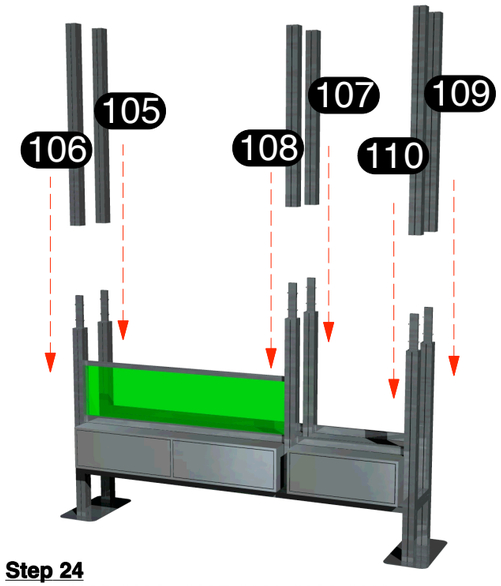
Step 21
Take the cubes #096 and #097 and place the on top of the octanorm.Use the bracket on the back to secure the cubes in place.



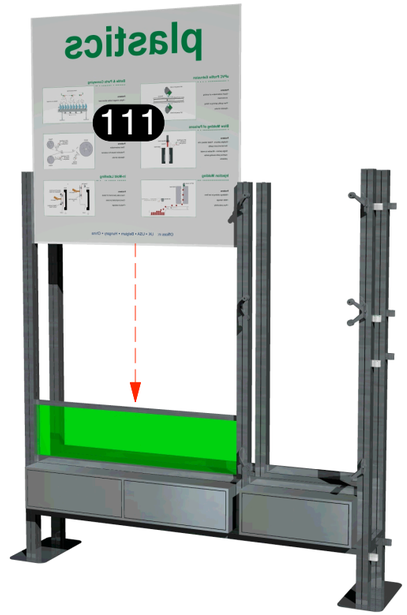
Step 22
Take #100, #101, and #102 and place them on top of the cubes. Use the green tool provided to lock in place.



Step 23
Take #103 green plex and slide on the front of the unit. The plex slides into the groove of the unit. Now take the H-mold #104 and place on top of the green plex.



Step 24
Take #105,#106, #107,#108,#109,#110 octanorm and place on top of the other octanorm with the splice. Take the screws provided and secure together.



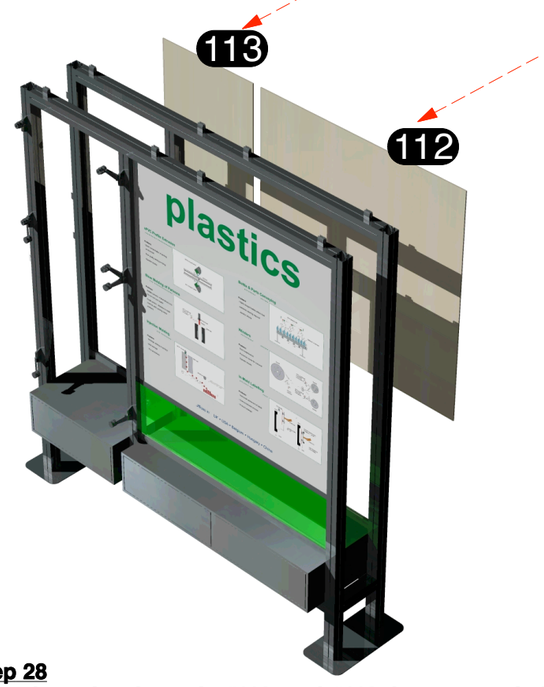
Step 25
Take #111 graphic and slide into the octanorm groove in the front of the unit.



Step 26
Take #114 and #116 octanorm and assembled together. Use the screws to secure the octanorm together. Now take the green tool and lock the octanorm to the top front of the unit.



Step 27
Take #115 and #117 octanorm and assembled together. Use the screws to secure the octanorm together. Now take the green tool and lock the octanorm to the top front of the unit.



Step 28
Take the polygal panels #112, and #113 that are cut in half. Take the panels and place on the back of the unit. The panel will get attached with velcro.



Step 29
Take #122 octanorm and lock in place on the left side of the unit. Now slide #121 diffuser in place. the diffuser will slide in the octanorm groove.



Step 30
Take #120 octanorm and lock in place using the green tool



Step 31
Take #119 and slide into the groove of the octanorm. Now take#118 and lock in place on the right side of the unit.



Step 32
Left side of the Echo is assembled.

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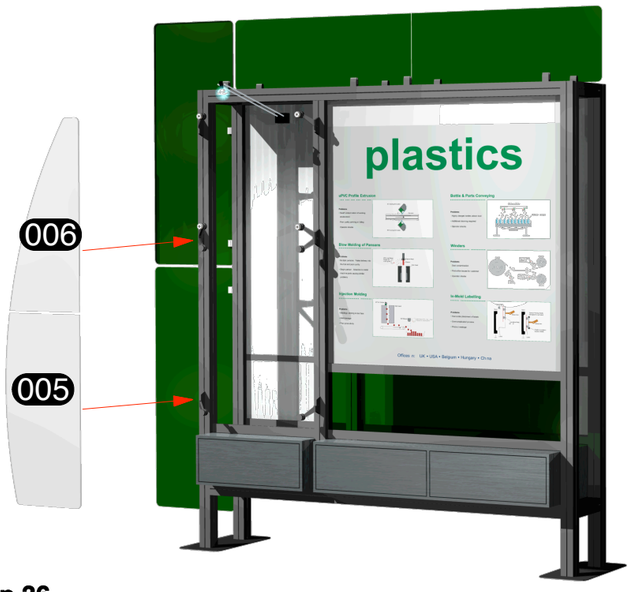
Step 33
Place the left assembled unit on the left side of the floor space.



Step 34
Place the left side rear wings into the grippers that are attached to the frame.Secure by tightening white set screws on the back of the grippers.



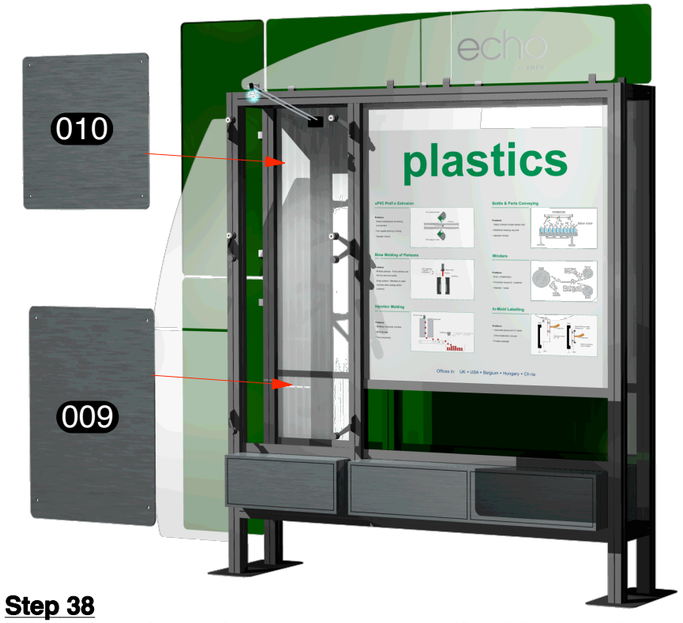
Step 35
Place the rear headers into the grippers.Secure the rear headers by tightening white set screws on the back of the grippers.



Step 36
Place the left side front wings into the grippers that are attached to the frame.Secure by tightening white set screws on the back of the grippers.



Step 37
Place the front headers into the grippers.Secure front headers to the echo by tightening the white set screws on the back of the grippers.



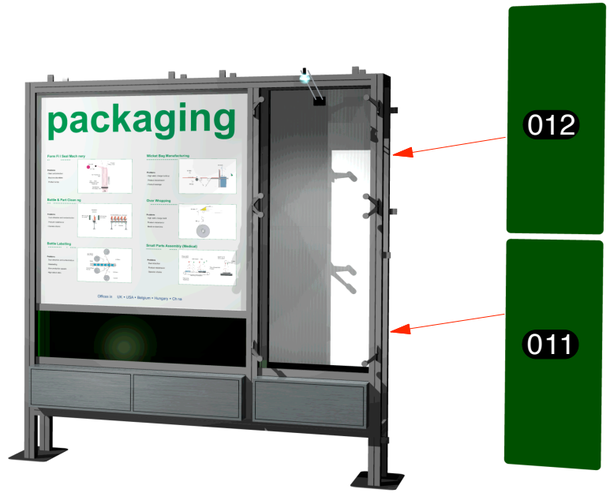
Step 38
Place the 2 front sintra on the standoff spiders, and secure with threaded caps on plex retainers on plex standoff brackets.

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Step 39

Place the right side of unit on the right side of the floor space.



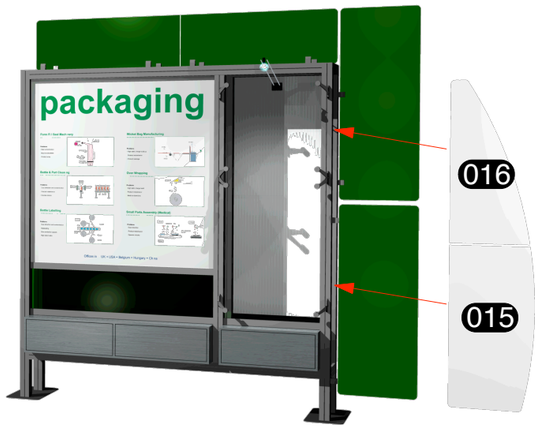
Step 40

Place the right side rear wings into the grippers that are attached to the frame.Secure by tightening white set screws on the back of the grippers.



Step 41

Place the rear headers into the grippers.Secure the rear headers by tightening white set screws on the back of the grippers.



Step 42

Place the right side front wings into the grippers that are attached to the frame.Secure by tightening white set screws on the back of the grippers.



Step 43

Place the front headers into the grippers.Secure front headers to the echo by tightening the white set screws on the back of the grippers same as step 4.



Step 44

Place the 2 front sintra on the standoff spiders, and secure with threaded caps on plex retainers on plex standoff brackets.



Step 45
Use #021 and #022 octanorm parts to connect left and right assemblies. Using the green tool provided in the tool box insert the tool into the octanorm lock and turn clockwise to lock into place.Place one in front, one in back and line up with the lower octanorm on the left and right assemblies.



Step 46
Take the double door cabinet #023 and place it on top of the octanorm. Secure the cabinet using brackets provided.



Step 47
Insert octanorm part #021 and #022 so they rest on top of the double door cabinet in the octanorm groove. Lock them by turning the green tool clockwise.



Step 48
Slide green plex #026 into the octanorm groove in the front of the booth.The panels will rest in groove located at top section of octanorm #025.

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Step 49
Place octanorm part #027 on top of sintra, so plex fits in octanorm groove. Lock in place using the green tool by turning clockwise.



Step 50
Take #028 panel and attach to the back of the unit using the pre-attached velcro on the rear octanorm.



Step 51
-Take #029 and #030 octanorm and place and lock them on the top of the unit. Lock in place using the green tool.
-Take the #056 diffuser with 3 puck lights and place into the groove of the octanorm.

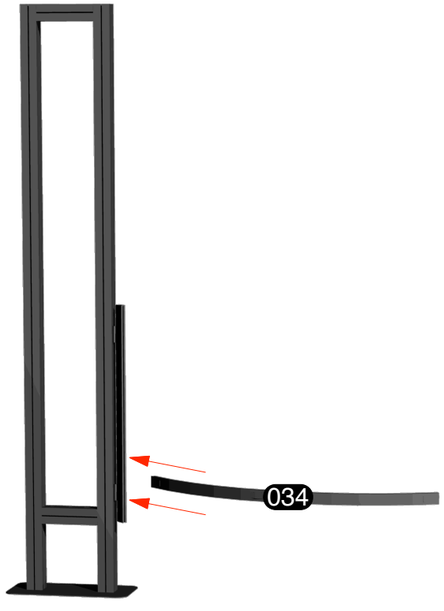


Step 52
Take #031 panel that is also cut in half and attach to the back of the unit using the pre-attached velcro on the rear octanorm.



Step 53

Take #032 rear header and #033 front header and insert it into the grippers. Secure the header by tightening the white set screw clockwise.



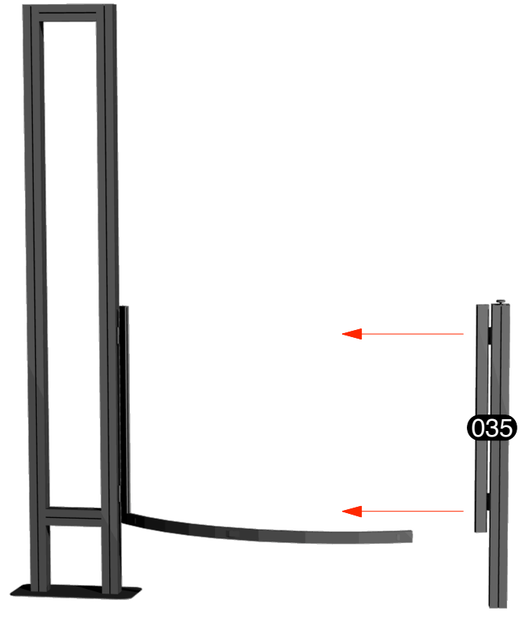
Step 55

Take number #034 curved octanorm with curve facing front and lock on the bottom of the hinged octanorm. Using the green tool lock the octanorm together by turning clockwise.



Step 54

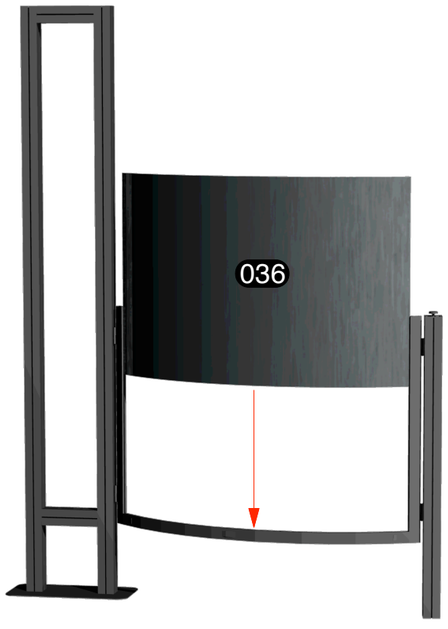
Echo Unit Backwall Complete.



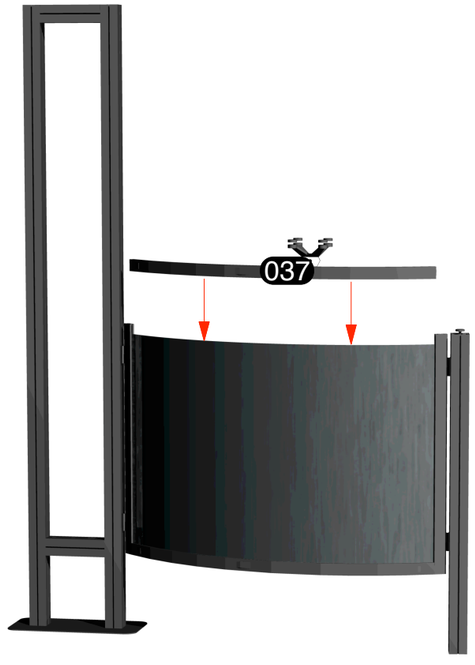
Step 56

Take the #035 octanorm post and lock it to the #034 octanorm. Using the green tool lock the octanorm together by turning clockwise.

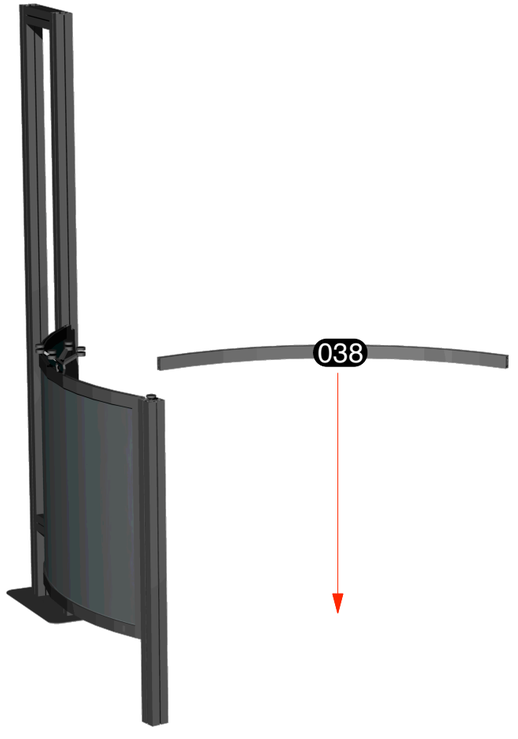
Note:
Side counter assembly attaches to the left side of the echo unit.



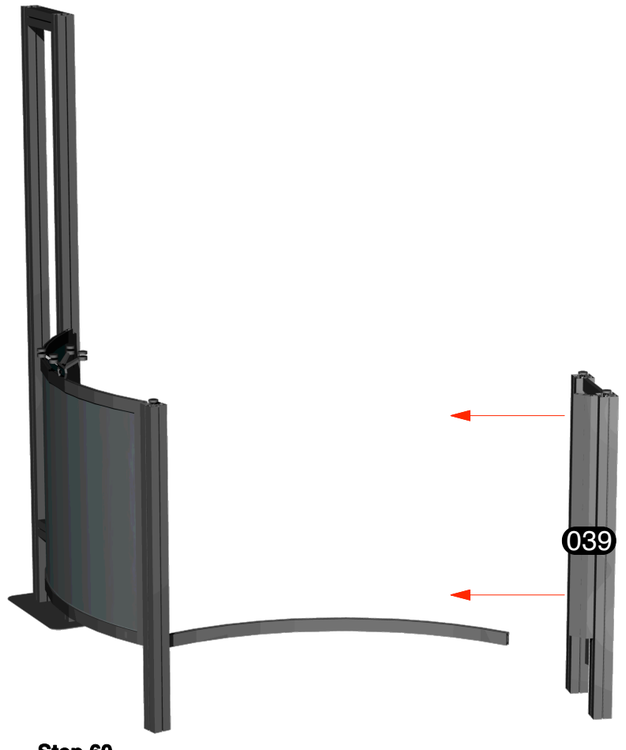
Step 57
Take the large sintra #036 and slide between the hinged octanorm post and post #035. The sintra will rest in groove of the curved octanorm.



Step 58
#037 curved octanorm with curve facing front will rest on top of the sintra and lock in place. Using the green tool lock the octanorm together by turning clockwise.



Step 59
-Take #038 curved octanorm and lock it on the left side of the octanorm post #035.

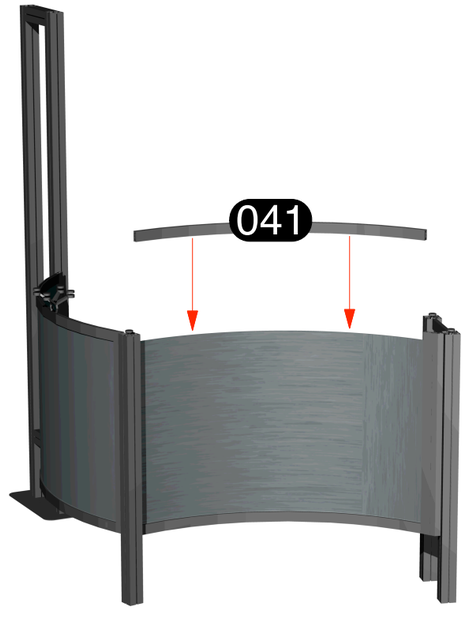


Step 60
-Take #039 octanorm pre-assembled post and attach it on the end of octanorm part #038; using the green tool lock them together.

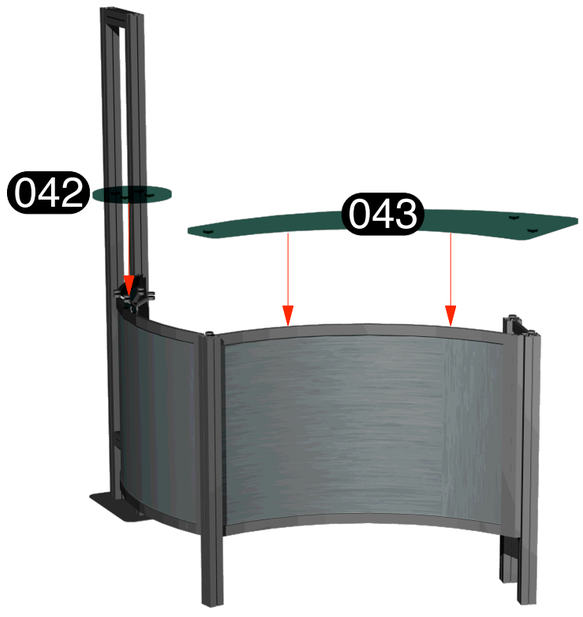
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Step 61
Take laminated sintra #040 and slide it between the octanorm posts. Make sure the sintra fits into the grooves in the octanorm.



Step 62
Take octanorm curve #041 and place it on top of the the sintra and lock once sintra is set in octanorm groove.

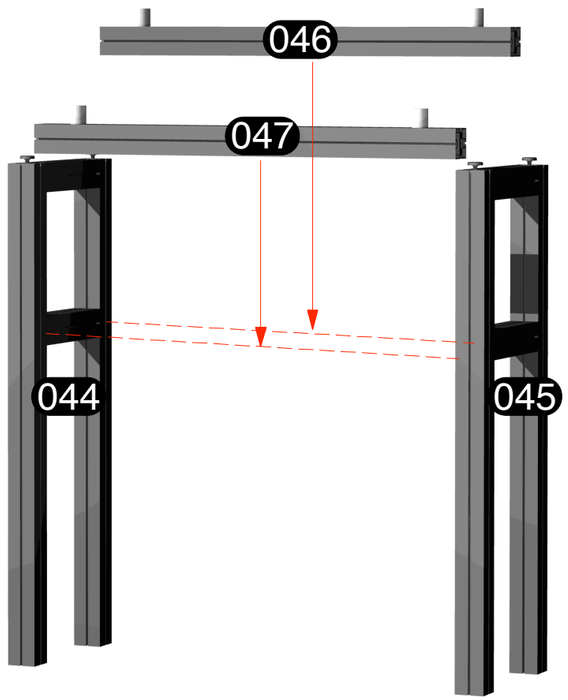


Step 63
-Take the large curve counter top #043 and place it on top of the standoffs. Secure using threaded caps.
-Repeat the previous with the small round counter #042.



Step 64
Left swing counter is assembeld.

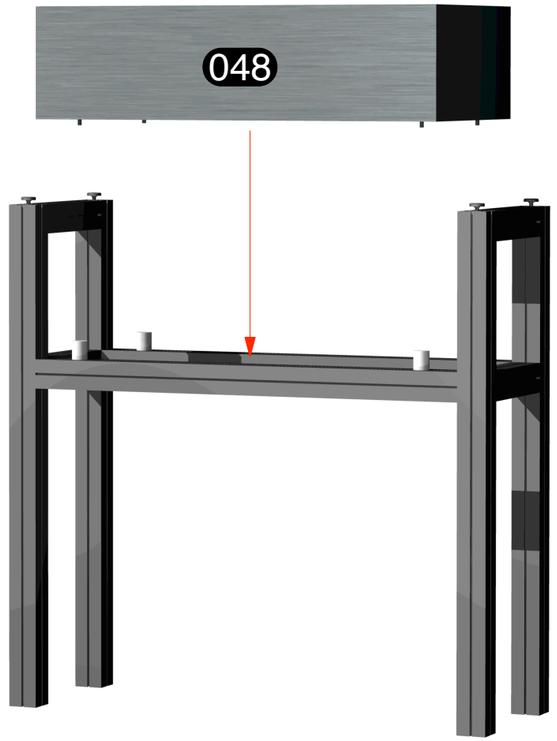
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Step 65

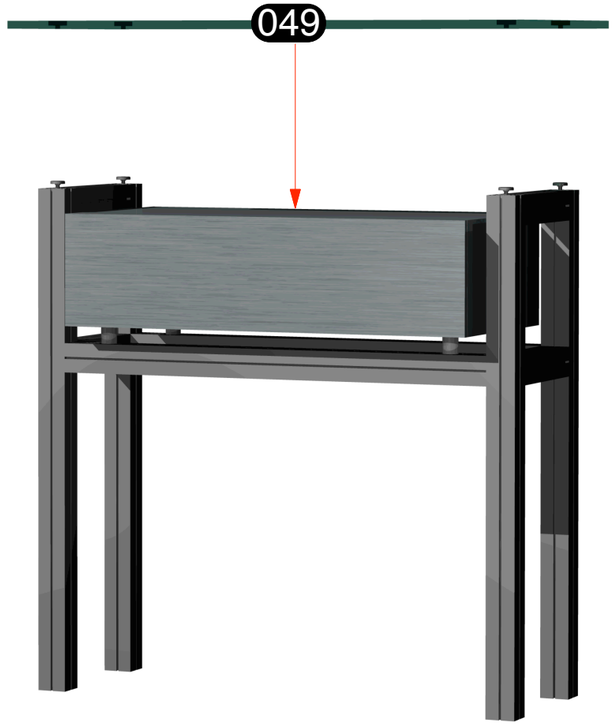
-Take number #044 and #045 pre assmbled double octanorm post and place them on the front of the floor space.

-Take #046 and #047 octanorm with standoff barrels attached.Slide them between both post and lock and them and the distance as shadow.



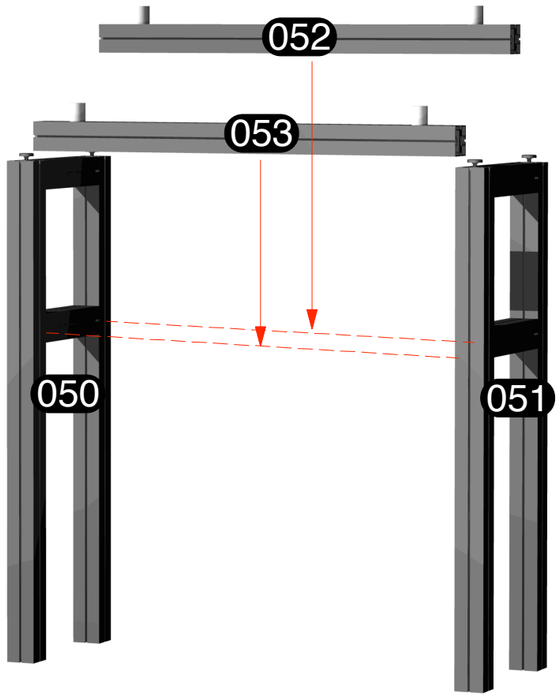
Step 66

Grab #048 small cube and place it on top of the octanorm. Line up the hole with standoff barrels. Take the caps and secure the cube on top of the standoff barrels.



Step 67

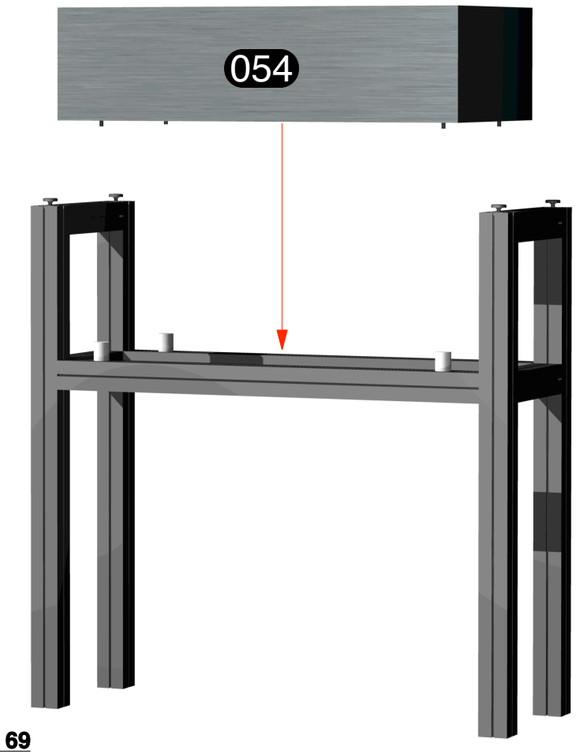
Take #049 counter top and place on top of the spider standoff. Now secure the counter with the caps.



Step 68

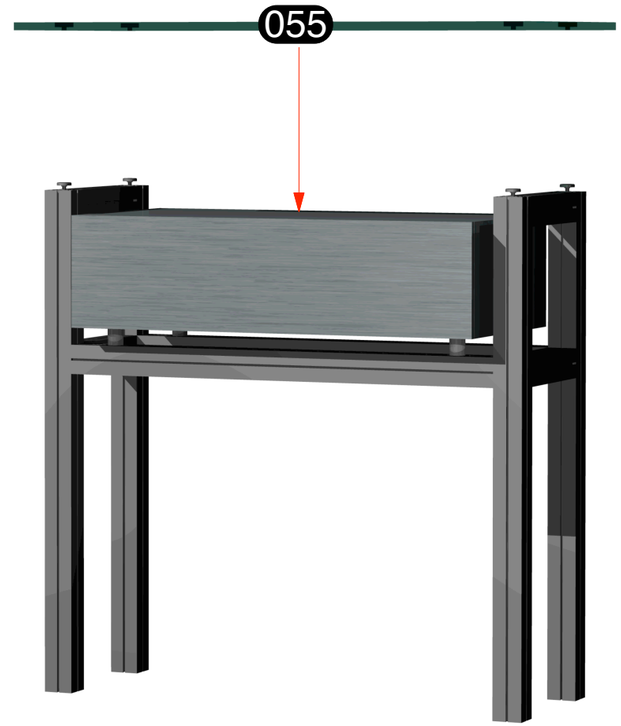
-Take number #050 and #051 pre assmbled double octanorm post and place them on the front of the floor space.

-Take #052 and #053 octanorm with standoff barrels attached.Slide them between both post and lock and them and the distance as shadow.



Step 69

Grab #054 small cube and place it on top of the octanorm. Line up the hole with standoff barrels. Take the caps and secure the cube on top of the standoff barrels.



Step 70

Take #055 counter top and place on top of the spider standoff. Now secure the counter with the caps.

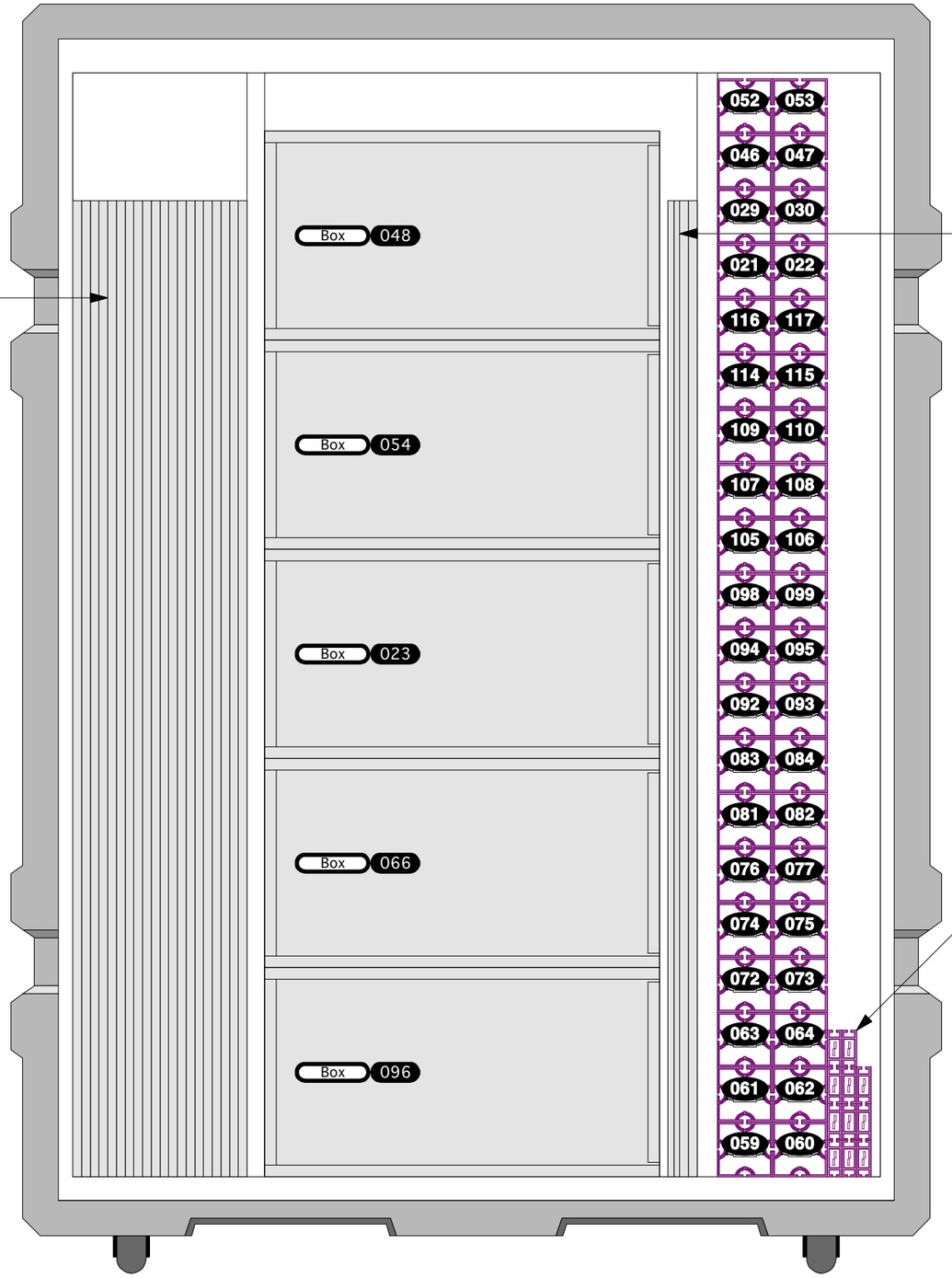
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PART NO.	DESCRIPTION
001	Sign-Plexiglas_ .236" x 46" x 18"
002	Sign-Plexiglas_ .236" x 46" x 18"
003	Sign_Echo Header (back) 1/4" x 17.17" x 35.63"
004	Sign_Echo Header (back) 1/4" x 17.17" x 35.63"
005	Sign_Wing Front Panels (bottom)
006	Sign_Wing Front Panels (top)
007	Sign_Header Front Panels
008	Sign_Header Front Panels
009	Sign_Plexiglas 1/4" x 33.644" x 23.5" w/STD holes
010	Sign_Plexiglas 1/4" x 23.15" x 23.5" w/STD holes
011	Sign-Plexiglas_ .236" x 46" x 18"
012	Sign-Plexiglas_ .236" x 46" x 18"
013	Sign_Echo Header (back) 1/4" x 17.17" x 35.63"
014	Sign_Echo Header (back) 1/4" x 17.17" x 35.63"
015	Sign_Wing Front Panels (bottom)
016	Sign_Wing Front Panels (top)
017	Sign_Header Front Panels
018	Sign_Header Front Panels
019	Sign_Plexiglas 1/4" x 33.644" x 23.5" w/STD holes
020	Sign_Plexiglas 1/4" x 23.15" x 23.5" w/STD holes
021	M1010_@ 46.94" w/locks
022	M1010_@ 46.94" w/locks
023	Echo Cube: 46 13/16" x 9" x 17" w/2 Doors
024	Z4400.01_ @ 46.94" w/locks
025	Z4400.01_ @ 46.94" w/locks
026	Fill Panel-Plexiglas_ .118" x 11.79" x 47.5"
027	Z4400.01_ @ 46.94"
028	Fill Panel-Plexiglas_ .118" x 47.5" x 47.5"
029	M1010_@ 46.94" w/locks
030	M1010_@ 46.94" w/locks
031	Fill Panel-Polygal-White 6mm x 47.5" x 47.5"
032	Sign_Center Hdr Back Panel_1/4" x 13.125" x 46"
033	Sign_Center Hdr Back Panel_1/4" x 11.864" x 46"
034	Z4400.01_ @ 46" w/CurRad @ 37.63", locks
035	M1010_ @ 41.75" w/hinges, Z4400.01_ @ 31.28"
036	Fill Panel_ 1/16" x 28.62" x 46.125"
037	Z4400.01_ @ 46" w/CurRad @ 37.63", locks
038	Z4400.01_ @ 46" w/CurRad @ 37.63", locks
039	Octanorm Swing Counter Base Module
39a	M1010.01 @ 41.75" w/M1387.90 End Screw
39b	M1010.01 @ 41.75" w/M1387.90 End Screw
39c	Z4401.01 @ 8.25"
39d	Z4401.01 @ 8.25"
040	Fill Panel_ 1/16" x 28.62" x 46.125"
041	Z4400.01_ @ 46" w/CurRad @ 37.63", locks
042	CUST_Cntr 12" x 12"
043	CUST_Cntr 44.593" x 40.771"
044	Octanorm Reception Counter Base Module
44a	M1010.01 @ 40.5" w/M1555 lock
44b	M1010.01 @ 40.5" w/M1555 lock
44c	M1010.01 @ 10.25" w/lock
44d	M1010.01 @ 10.25" w/lock
045	Octanorm Reception Counter Base Module
45a	M1010.01 @ 40.5" w/M1555 lock
45b	M1010.01 @ 40.5" w/M1555 lock
45c	M1010.01 @ 10.25" w/lock
45d	M1010.01 @ 10.25" w/lock

PART NO.	DESCRIPTION
046	M1010.01 @ 36" w/locks
047	M1010.01 @ 36" w/locks
048	Echo Cube: 34" x 9" x 17" No Doors
049	CUST_Counter 20" x 44.5" 4 Holes
050	Octanorm Reception Counter Base Module
50a	M1010.01 @ 40.5" w/M1555 lock
50b	M1010.01 @ 40.5" w/M1555 lock
50c	M1010.01 @ 10.25" w/lock
50d	M1010.01 @ 10.25" w/lock
051	Octanorm Reception Counter Base Module
51a	M1010.01 @ 40.5" w/M1555 lock
51b	M1010.01 @ 40.5" w/M1555 lock
51c	M1010.01 @ 10.25" w/lock
51d	M1010.01 @ 10.25" w/lock
052	M1010.01 @ 36" w/locks
053	M1010.01 @ 36" w/locks
054	Echo Cube: 34" x 9" x 17" No Doors
055	CUST_Counter 20" x 44.5" 4 Holes
056	Diffuser 1/8" x 47.5 x 8.75 (3 Lights)
057	Octanorm Backwall Upright Module
57a	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
57b	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
57c	M1010.01 @ 8.25" w/lock
57d	Aluminum Base (9x18) for 2 Octanorm Posts
058	Octanorm Backwall Upright Module
58a	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
58b	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
58c	M1010.01 @ 8.25" w/lock
58d	Aluminum Base (9x18) for 2 Octanorm Posts
059	M1010.01 @ 35.94" w/lock, M1100/SPLICE
060	M1010.01 @ 35.94" w/lock, M1100/SPLICE
061	M1010.01 @ 35.94" w/lock, M1100/SPLICE
062	M1010.01 @ 35.94" w/lock, M1100/SPLICE
063	M1010.01 @ 34.75" w/lock, M1100/SPLICE
064	M1010.01 @ 34.75" w/lock, M1100/SPLICE
065	Echo Cube: 22 7/16" x 9" x 17" w/1 Door
066	Echo Cube: 46 13/16" x 9" x 17" w/2 Doors
067	Z4400.01 @ 22.56" w/locks
068	Z4400.01 @ 46.94" w/locks
069	Z4400.01 @ 46.94" w/locks
070	Fill Panel-Plexiglas_.118" x 11.79" x 47.5"
071	Z4400.01 @ 46.94" w/locks
072	M1010.01 @ 42" w/M1100/SPLICE lock
073	M1010.01 @ 42" w/M1100/SPLICE lock
074	M1010.01 @ 34.75" w/M1100/SPLICE lock
075	M1010.01 @ 34.75" w/M1100/SPLICE lock
076	M1010.01 @ 42" w/M1100/SPLICE lock
077	M1010.01 @ 42" w/M1100/SPLICE lock
078	Fill Panel-Plexiglas_ .118" x 47.5" x 47.5"
079	Fill Panel-Polygal-White 6mm x 47.5" x 23"
080	Fill Panel-Polygal-White 6mm x 47.5" x 47.5"
081	M1010.01 @ 35.94" w/lock, M1100/SPLICE
082	M1010.01 @ 35.94" w/lock, M1100/SPLICE
083	M1010.01 @ 35.94" w/lock, M1100/SPLICE
084	M1010.01 @ 35.94" w/lock, M1100/SPLICE
085	M1010.01 @ 8.25" w/lock
086	Diffuser 1/8" x 24 55/64" x 8.75" (2 Lights)

PART NO.	DESCRIPTION
087	M1000.01 @ 8.25" w/lock
088	Diffuser 1/8" x 47.5 x 8.75 (3 Lights)
089	M1010.01 @ 8.25" w/lock
090	Octanorm Backwall Upright Module
90a	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
90b	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
90c	M1010.01 @ 8.25" w/lock
90d	Aluminum Base (9x18) for 2 Octanorm Posts
091	Octanorm Backwall Upright Module
91a	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
91b	M1010.01 @ 42" w/M1555 lock, M1100/SPLICE
91c	M1010.01 @ 8.25" w/lock
91d	Aluminum Base (9x18) for 2 Octanorm Posts
092	M1010.01 @ 35.94" w/lock, M1100/SPLICE
093	M1010.01 @ 35.94" w/lock, M1100/SPLICE
094	M1010.01 @ 35.94" w/lock, M1100/SPLICE
095	M1010.01 @ 35.94" w/lock, M1100/SPLICE
096	Echo Cube: 46 13/16" x 9" x 17" w/2 Doors
097	Echo Cube: 22 7/16" x 9" x 17" w/1 Door
098	M1010.01 @ 34.75" w/M1100/SPLICE lock
099	M1010.01 @ 34.75" w/M1100/SPLICE lock
100	Z4400.01 @ 22.56" w/locks
101	Z4400.01 @ 46.94" w/locks
102	Z4400.01 @ 46.94" w/locks
103	Fill Panel-Plexiglas_ .118" x 11.79" x 47.5"
104	Z4400.01 @ 46.94" w/locks
105	M1010.01 @ 42" w/M1100/SPLICE lock
106	M1010.01 @ 42" w/M1100/SPLICE lock
107	M1010.01 @ 34.75" w/lock, M1100/SPLICE
108	M1010.01 @ 34.75" w/lock, M1100/SPLICE
109	M1010.01 @ 42" w/M1100/SPLICE lock
110	M1010.01 @ 42" w/M1100/SPLICE lock
111	Fill Panel-Plexiglas_ .118" x 47.5" x 47.5"
112	Fill Panel-Polygal-White 6mm x 47.5" x 47.5"
113	Fill Panel-Polygal-White 6mm x 47.5" x 23"
114	M1010.01 @ 35.94" w/lock, M1100/SPLICE
115	M1010.01 @ 35.94" w/lock, M1100/SPLICE
116	M1010.01 @ 35.94" w/lock, M1100/SPLICE
117	M1010.01 @ 35.94" w/lock, M1100/SPLICE
118	M1010.01 @ 8.25" w/lock
119	Diffuser 1/8" x 47.5 x 8.75 (3 Lights)
120	M1000.01 @ 8.25" w/lock
121	Diffuser 1/8" x 24 55/64" x 8.75" (2 Lights)
122	M1010.01 @ 8.25" w/lock

S5TUB52-29



Slot include:
Right/left wing
Front/back header
Center header
Plex Sign

SLOT		
	001	002
	003	004
	005	006
	007	008
	009	010
	011	012
	013	014
	015	016
	017	018
	019	020

Slot include:
Plex Sign
Swing Cntr fill pnls

SLOT		
	032	033
	036	040

Slot include:
Z-beams

SLOT		
	067	068
	069	071
	100	101
	102	104
	021	022
	027	

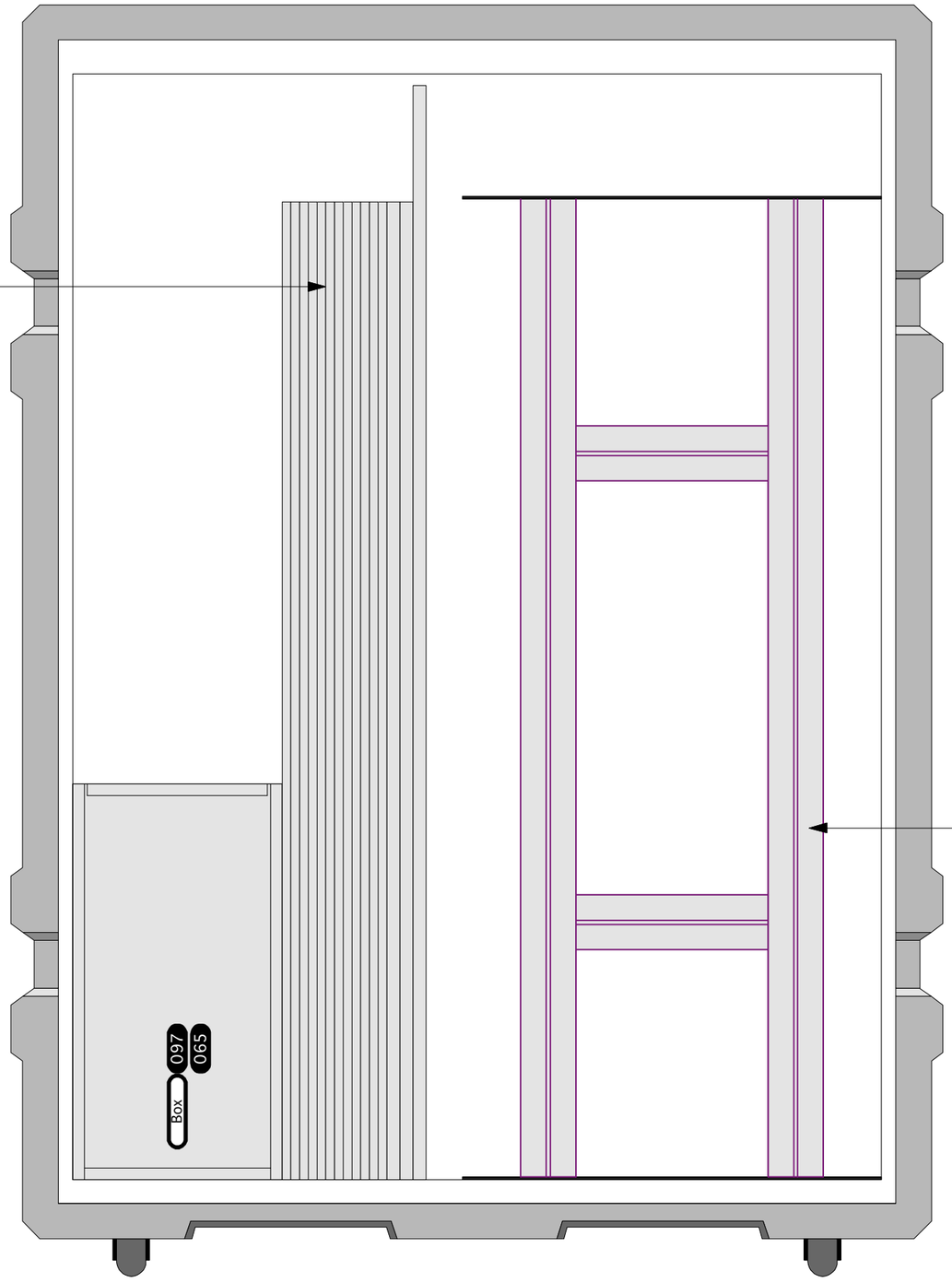
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S5TUB52

Slot include:
Counter
Fill panels

SLOT 070 078 079 080 103 111 113 112 026 028 031 042 043 049 055





Slot include:
Octanorms base module

SLOT 050 051 057 058 090 091 039 044 045

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