

IRYS

CLESTRA
Hauserman

BRINGING PEOPLE + IDEAS TOGETHER



reddot award 2016
winner

CLESTRA
Hauserman

BRINGING PEOPLE + IDEAS TOGETHER

For over a hundred years, Clestra Hauserman has manufactured and installed movable partitions. Ever since the dawn of the skyscraper in the early Modernist era, the company's expertise has complemented the evolution of the work space, offering cutting-edge technologies that have been inspired by the prevailing theories of work. With the IRYS system this process continues...



IRYS ADAPTS, EXPANDS AND CONTRACTS TO REFLECT YOUR ORGANIZATION

THE IRYS SYSTEM

A NEW WAY TO EXPERIENCE SPACE

The result of two years' collaboration between HOK Product Design and Clestra Hauserman, the IRYS System has been designed to adapt easily to changes in office space.

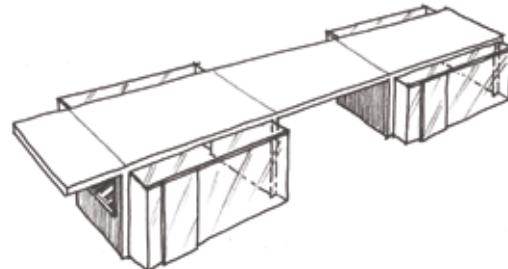
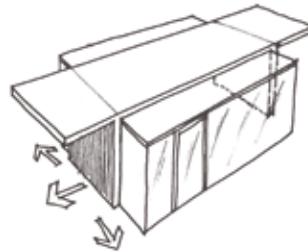
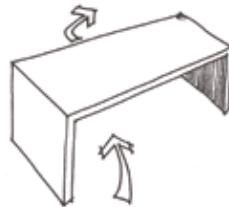
Clestra Hauserman installed movable partitions in the first skyscrapers at the turn of the 20th century. Since then, the company has complemented developments in work space to offer the best possible technology inspired by on-going workplace theories.

Today's working practices can be individual, collaborative, remote and connected. Everything depends on the situation. But as objectives and requirements evolve, so facilities need to adapt accordingly.

IRYS meets the demands of modern organizations: it offers an infinite range of possibilities with solutions that can either be insular or promote sharing, meeting and thinking.

We are all different. Acknowledging and catering for these differences can go a long way to create harmony in the work environment.

IRYS is designed to promote cooperation in open-plan offices. It offers individuals an opportunity to be part of an enjoyable space that is conducive to their well-being and to increased productivity. IRYS can encourage creativity. It can evolve into totally new configurations that are inspired by your needs and aspirations.



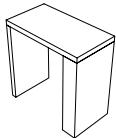


SIMPLIFY MEETINGS
PROMOTE CREATIVITY
REFRESH MINDS

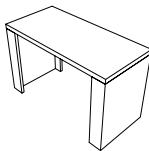


SPACE FOR SOCIALIZING

THE BRIDGE IS AN ELEMENTAL STRUCTURE, AN IMPLIED SPACE, WHICH DRAWS PEOPLE TOGETHER, THEREBY PROMOTING SOCIAL INTERACTION.

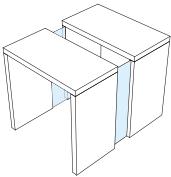


—



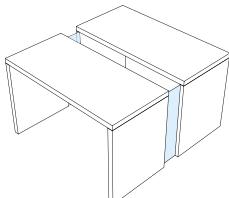
—

Bridge 8'-6 3/8" x 4'-7 1/8"



—

Bridge 11'-9 3/4" x 4'-7 1/8"



—

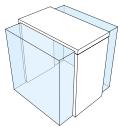
Double Bridge 8'-6 3/8" x 11'-1 7/8"

As the backbone of IRRYS, the Bridge allows cross collaboration and informal interaction – both are sources of openness and comfort, fostering performance and productivity for the company. The Bridge is the solution. It facilitates meetings, creates connections and encourages teamwork

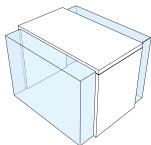
in a space that is totally open to its surrounding environment. Employees can make of it whatever they like – a discrete spot for a break, an informal venue for meeting a partner, an ideal location for an impromptu meeting.



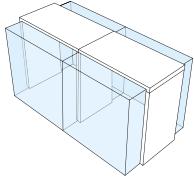
IRYS 8'-6 3/8" x 8'-6 3/8"



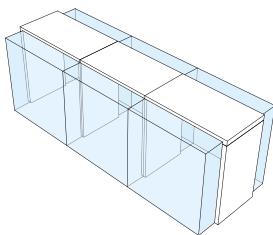
IRYS 11'-9 3/4" x 10'-6"



Double IRYS 16'-6 13/16" x 8'-6 3/8"



Triple IRYS 24'-7 1/4" x 8'-6 3/8"



WORK SPACE

A PRODUCTIVITY HUB INSPIRED BY CONTEMPORARY THINKING

IRYS is born out of the need to provide structure to the working day. But needs change with priorities, and workspace has to respond.

IRYS offers users flexibility, comfort and intelligence to make their daily lives easier.

IRYS allows for heads down concentrative work as an individual or a team, higher efficiency and great insight.

THINK ALONE OR IN A GROUP
HOST A BUSINESS PARTNER
WRITE A REPORT
OR MAKE PHONE CALLS



LIVING SPACE

LIVE THE SCENARIOS THAT SUIT YOU

IRYS is completely flexible, it offers implied space as well as actual space; a hive of activity in tune with its environment; a crossroads where people meet to have a discussion. Whether they stop by a whiteboard or a screen, they will share ideas and make progress.

Meetings can take place directly outside the enclosed IRYS or one can enter the IRYS to continue their conversation in privacy, taking advantage of every moment to succeed through discussion. Opportunities are generated when minds come together in a congenial environment.



Lounge



Bistro



Office / Meeting

SHARE TIME TOGETHER
ENCOURAGE DISCUSSION
SEIZE OPPORTUNITIES

EXAMPLES OF SCENARIOS



Meeting / Bistro / Lounge



Office / Lounge



Bistro / Office

EVOLVING WORK SPACE

FOREVER CHANGING, JUST LIKE YOUR ORGANIZATION

IRYS is like your organization – multi-faceted and in motion. It is whatever you want it to be. The module is based on a Bridge but you can choose and develop its configuration as required. Dimensions, equipment, walls, lighting, connections – everything can be customized and replaced. Connect the Bridges and finish them to your taste. Create a space for meeting and sharing that reflects the spirit of your organization.

IRYS can be installed or moved in a day, as often as you want.

Since IRYS modules are not connected to the structure of the building, they are easy to install, alter and relocate. There is no floor or ceiling to replace and lighting is integrated, all that is needed is the outline of the new footprint. The costs of installation and use have a low impact on budget.



OPTIMIZE YOUR COSTS
MAKE SPACE MORE FLEXIBLE

FACILITATE AND SIMPLIFY
FACILITIES MANAGEMENT



LIVE WALL

IRYS IS WHAT YOU WANT IT TO BE

The interior and exterior vertical surfaces of IRYS can be selected to meet with employee requirements. You simply identify the functions you require, whether acoustic, pin-board, magnetic or write-on.

With seven different finishes and four options, you set the scene for your IRYS.

Once you have defined your own requirements, you can let your imagination run wild. So instead of putting up with fixed facilities, you can select a series of changeable settings.

ALL SURFACES ARE
FUNCTIONAL

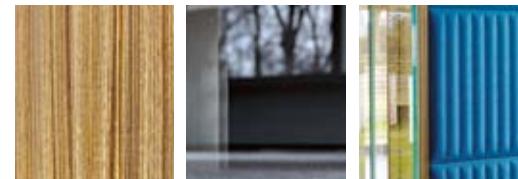


7 FINISHES

steel, wood, fabric, micro-perforated steel, whiteboard, soundproof wall covering.

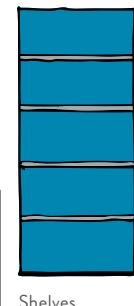
4 OPTIONS

shelves or flat screen, occasional desk, storage cabinet.

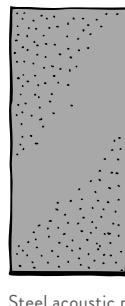


AN INFINITE NUMBER OF COMBINATIONS

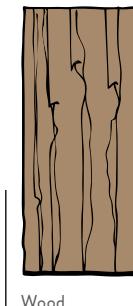
Examples of different possible combinations



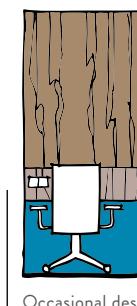
Shelves



Steel acoustic panel



Wood



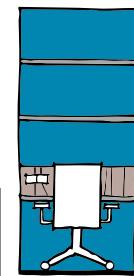
Occasional desk



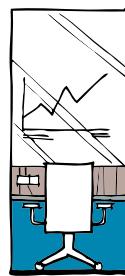
Flat screen



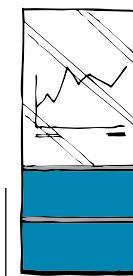
Flat screen
2 storage cabinets



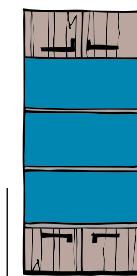
2 shelves
1 occasional desk



Whiteboard
1 occasional desk



Whiteboard
2 shelves



2 storage cabinets
2 shelves



Flat screen
2 shelves
1 storage cabinet



Flat screen
3 shelves



CONCEPT

CLESTRA
Hauserman

BRINGING PEOPLE + IDEAS TOGETHER





CONCEPT

A MULTIMEDIA AND COLLABORATIVE SOLUTION

SCREEN INTEGRATION

Create freedom for your multimedia needs with the options of:

- A screen directly fixed to the face of the panel at the required height to suit the rooms furniture design.
- A universal VESA compatible screen holder designed to be adaptable without direct fixings into the panel face. This option provides the flexibility of repositioning or indeed changing the equipment in the future.



Screen fixed to the face of the panel



Universal VESA compatible screen holder

INTEGRATED TECHNOLOGY

ROOM-BOOKING

When you require space for a meeting, the IRYS room-booking function makes life easier. It allows you to manage bookings efficiently using its interactive interface connected directly to your management software.



Room booking

SWITCHABLE GLASS

Transparency is a common feature of the modern office, but it can limit the use of space and be inappropriate when discreet settings are required. Solve this problem with switchable glass technology: at the touch of a button, a transparent, glazed IRYS partition becomes opaque to allow private working. And by just touching the glass, transparency is restored – instantly.



"Switchable" glass, OFF position
with film on the sliding door



"Switchable" glass, ON position
with film on the sliding door



LIGHTING AMBIENCE

METAL CEILING

IRYS can be supplied with a perforated metal ceiling, specifically designed for optimal sound absorption. Metal ceilings are made to measure to customers' technical specifications, making it possible to incorporate a customized lighting system.

CANOPY

The canopy juts out, delineating a space. Canopies emphasize structure and space, as well as creating a welcoming ambiance.



Metal ceiling with integrated lighting



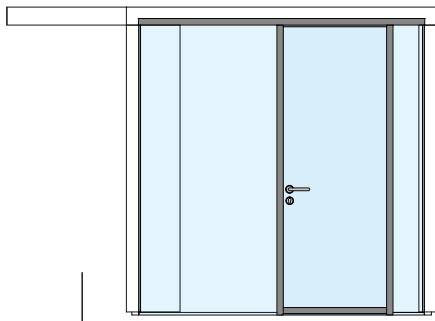
Canopy

OPENINGS

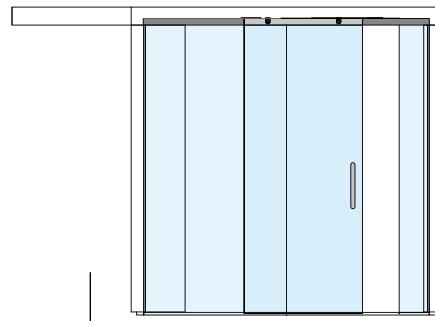
DISCOVER THE DOOR STYLE THAT FITS YOUR NEEDS

Whether hinged or sliding, each door option fits perfectly into the overall IRYS configuration. For acoustic performance, choose the glass door with frame and retractable bottom door seal.

The sliding door and its ingenious mechanism integrated within the upright allow the optimization of space within IRYS. Equipped with a soft closer, the sliding door ensures a smooth and silent operation.



Hinged glazed door with frame



Glazed sliding door



ARCHITECTURAL DETAILS

SLEEK DESIGN

Design can have a tremendous effect on behavior in the work place. Harmonious proportions and the judicious combination of materials can relax and reassure. The sleek design of IRYS does not constrain but instead promotes creative thinking by incorporating a screen onto which people can project their own ideas.

We have designed IRYS to be aesthetically pleasing so that not only can you inspire your employees but also make the most of available space. The attention we have given to detail ensures trouble-free assembly. Everything is built-in and cleverly concealed so that all that is visible is the perfection of the finish.



1. Junction between glass partition and wood cladding of the Bridge



2. Junction of canopy and Live Wall



3. Top junction between glass and upper rail (incorporating cable conduit)



4. Junction of glass at Bridge structure showing the recessed detail

ACOUSTIC PERFORMANCE

Acoustic comfort may be a challenge for new work spaces, but it is a priority for IRYS. Thanks to its design and the innovative materials used, IRYS cuts out external noise and absorbs internal resonance to provide optimal acoustic performance.

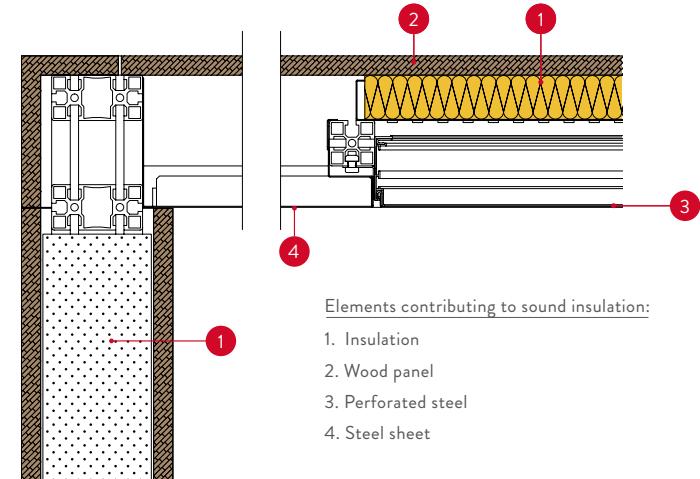
ACOUSTIC ABSORPTION

The measured reverberation time inside an IRYS module exceeds the requirements of the NFS31080 standard.

SOUND INSULATION

Depending on the materials selected, acoustic performance can be improved further. The value achieved is:

DNT, A = up to 35 dB



Elements contributing to sound insulation:

1. Insulation
2. Wood panel
3. Perforated steel
4. Steel sheet

Reverberation inside the IRYS module⁽¹⁾

(interrupted source; results rounded to nearest 0.05 sec.):

Octave band	125	250	500	1000
Tr ⁽²⁾ in second	0,50	0,35	0,35	0,30
Octave band	2000	4000	8000	Tr 500-1K-2K
Tr ⁽²⁾ in second	0,30	0,30	0,30	0,30

Objectives according to NFS31-080:

Type of premises	“Efficient” performance	“Highly efficient” performance
Individual offices	Tr ≤ 0,7	Tr ≤ 0,6 ⁽³⁾
Group offices (at least 2 workstations)	Tr ≤ 0,6	Tr ≤ 0,5 ⁽³⁾
Meeting rooms / training classrooms (volume < 147,14 CFM)	0,6 ≤ Tr ≤ 0,8	0,4 ≤ Tr ≤ 0,6 ⁽³⁾

(1) The values achieved correspond to a configuration with acoustic single glazing, swing door with door frame, Live wall with micro-perforated steel (IRYS module dimensions: 8'-6 3/8" x 8'-6 3/8" - height: 8'-0 7/16").

(2) Tr (reverberation time): Reverberation time indicates the speed of extinction of a sound once it stops being emitted.

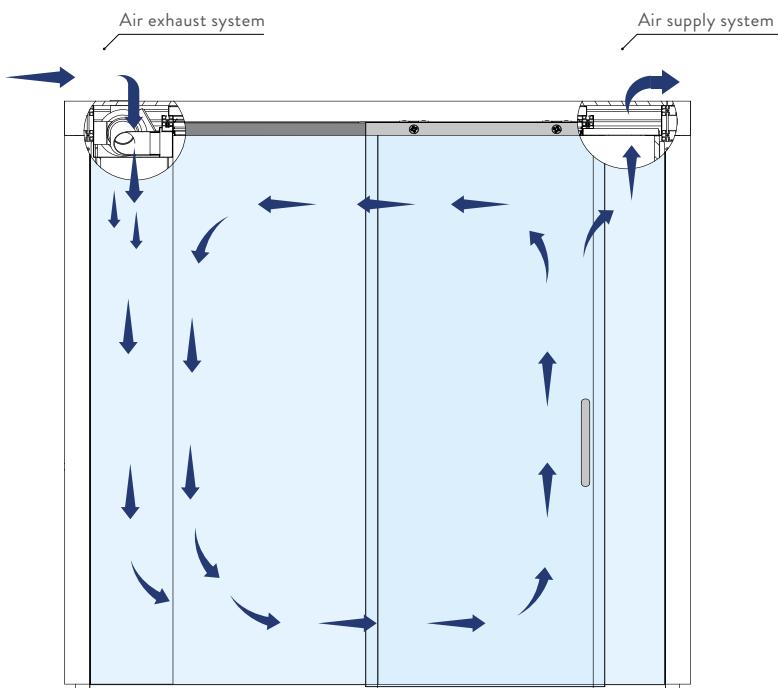
(3) The values achieved by IRYS are at the “highly efficient” level of performance.

AIR SUPPLY

A HEALTHY ENVIRONMENT

Clestra Hauserman has joined forces with a global engineering design firm to make IRYS a healthy and comfortable work space.

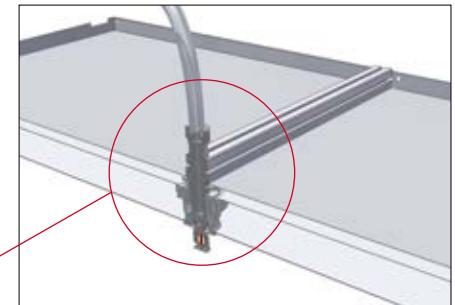
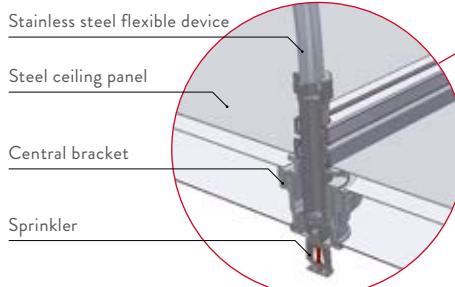
The air inside an IRYS module is constantly renewed. For user comfort, a silent ventilation system has been integrated to provide 24 cubic feet per minute of air for a typical number of occupants.



FIRE SAFETY

SPRINKLER INTEGRATION EXAMPLE WITH PUNCHED METAL CEILING / ACCOUSTIC TILES

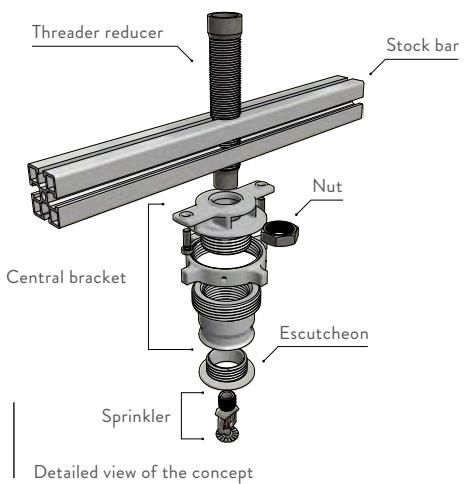
All kind of sprinkler can be integrated in the IRYS ceiling.



3D view of sprinkler integration in the ceiling

A UNIQUE CONCEPT

Clestra Hauserman has developed a special element: a central bracket. It is used to connect the stainless steel flexible device with the sprinkler.



Detailed view of the concept

EASE OF INSTALLATION

AUTONOMY

IRYS is autonomous and self-supporting; and is also independent of the building's structural elements.

PLUG AND PLAY

Once installation is complete, IRYS is operational immediately.

All electrical wiring is incorporated at the factory. All that is needed is for an authorized electrician to connect IRYS to the building's electricity supply.

FITTING TIME

Average assembly time:

IRYS:

8'-6 3/8" x 8'-6 3/8", with canopy:

8 hours (2 people)

BRIDGE:

8'-6 3/8" x 4'-7 1/8": 4 hours (2 people)



RESPECT FOR THE ENVIRONMENT

IRYS has been designed to minimize its impact on the environment.

ENVIRONMENT-FRIENDLY MATERIAL

Genuine wool felt, wood from sustainably managed forests, metal structure – all materials used in the manufacture of IRYS are recycled and/or are recyclable.

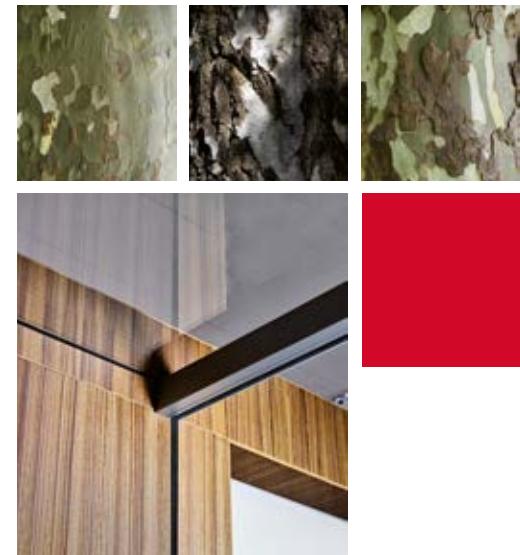
LONG LIFE

IRYS is not a disposable product: it is a product that can be relocated, transformed, enlarged, decorated and demounted according to requirements, preferences and changes in the configuration of spaces.

ZERO WASTE

IRYS is a 100% pre-fabricated system. As a result, its on-site assembly does not generate any waste.

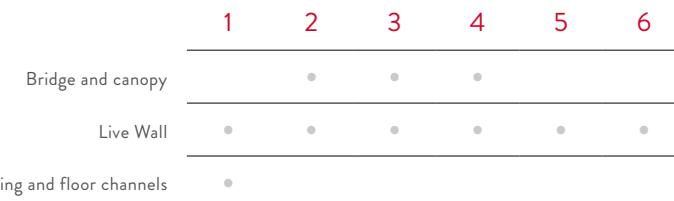
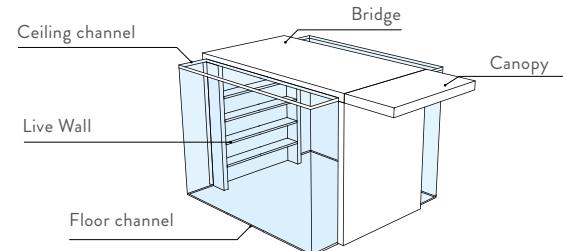
Clestra Hauserman's factories are triple certified, to ISO 9001, ISO 14001 and OHSAS 18001; IRYS is manufactured in accordance with these standards.

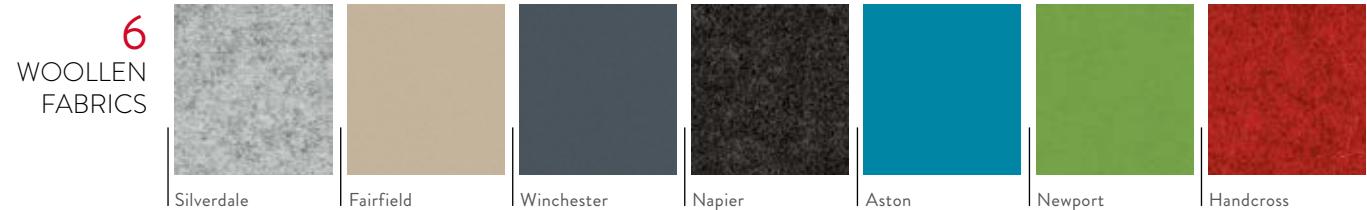


CUSTOMIZED FINISHES

CUSTOMIZE IRYS TO SUIT YOUR STYLE OR CREATE THE ATMOSPHERE YOU DESIRE

IRYS can not only be designed with materials of your choosing, but the decor can be changed whenever necessary. Finishes have been carefully selected for both their aesthetic appeal and their technical performance. They are complementary and mutually enriching.





THE IRYS RANGE

BRIDGE

	Length (US)	Width (US)	Max. # of people
1	8'-6 3/8"	4'-7 1/8"	2
2	11'-9 3/4"	4'-7 1/8"	4
3	13'-9 3/8"	4'-7 1/8"	4
4	8'-6 3/8"	6'-6 3/4"	4
5	11'-9 3/4"	6'-6 3/4"	6
6	13'-9 3/8"	6'-6 3/4"	6

DOUBLE BRIDGE

	Length (US)	Width (US)	Max. # of people
7	8'-6 3/8"	11'-1 7/8"	4
8	11'-9 3/4"	13'-1 1/2"	8
9	13'-9 3/8"	15'-1 1/8"	12

EXTERNAL HEIGHT

The entire range is available in two heights: 8-1" and 8-6 1/16".

IRYS

	Length (US)	Width (US)	Max. # of people
1	8'-6 3/8"	8'-6 3/8"	2
2	11'-9 3/4"	10'-6"	4
3	11'-9 3/4"	12'-5 5/8"	6
4	13'-9 3/8"	14'-5 1/4"	8
5	13'-9 3/8"	21'-0"	12
6	13'-9 3/8"	22'-11 1/2"	12

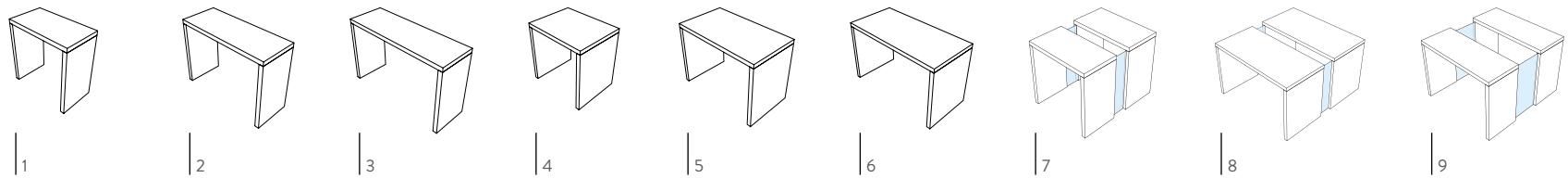
DOUBLE IRYS

	Length (US)	Width (US)	Max. # of people
7	16'-6 13/16"	8'-6 3/8"	4
8	23'-1 9/16"	12'-5 5/8"	12
9	27'-0 13/16"	14'-5 1/4"	16

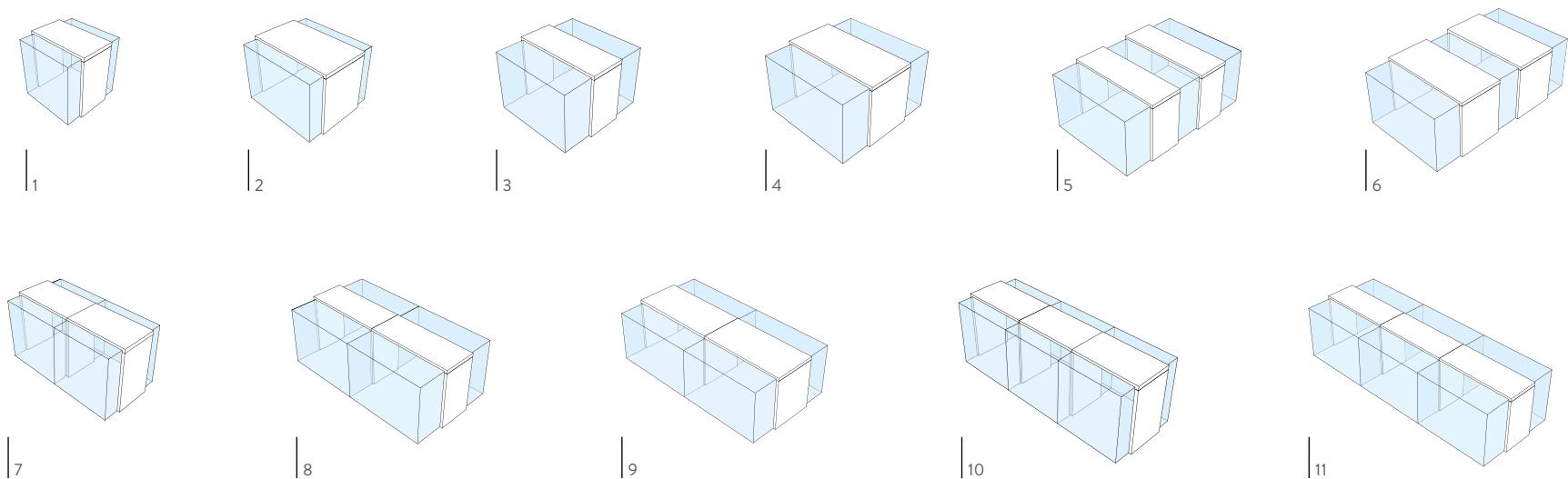
TRIPLE IRYS

	Length (US)	Width (US)	Max. # of people
10	24'-7 1/4"	8'-6 3/8"	6
11	34'-5 3/8"	12'-5 5/8"	18

BRIDGE



IRYS



WWW.CLESTRA.COM

CLESTRA
Hauserman

BRINGING PEOPLE + IDEAS TOGETHER