

AIRLEY

SEATING SOLUTIONS FOR LEARNING ENVIRONMENTS



VANERUM STELTER
i3 LEARNING ENVIRONMENTS

AIRLEY

Airley is an extensive collection of classroom seating. Its emphasis is flexibility and ergonomic support of students. The clean, simple design gives it a timeless quality. Multiple bases allows it to respond to a variety of functional needs while maintaining the value criteria many learning environments are demanding.



DYNAMIC MOVEMENT



Heading to the natural need to move and frequently change positions, Airley is a has five (5) flex points. Forward, backward and side to side, Airley responds to support each movement

UNIQUE CONTOUR

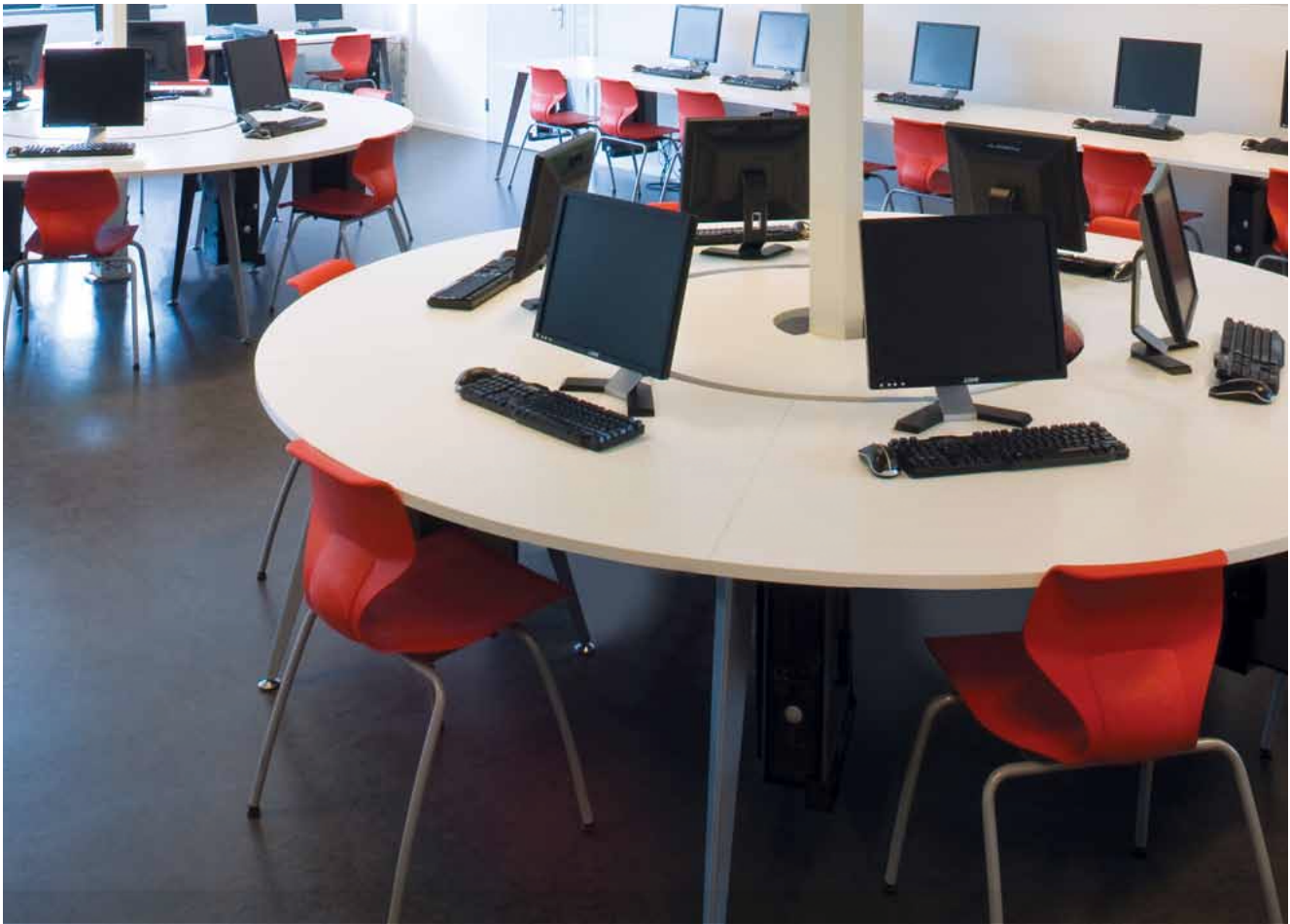


The modest size and contour of the shell is designed to respond as the user shifts positions without constricting movement. Ergonomic lumbar support naturally follows the curve of the lower back reducing the amount of pressure on the spinal column.

THE RIGHT BASE



With two shell sizes Airley can be configured to fit any learning environment. Multiple base options include 5 star, 4 leg, wire sled, and stool heights.



an extensive collection of classroom seating for everyday use



Discreet handle makes movement simple



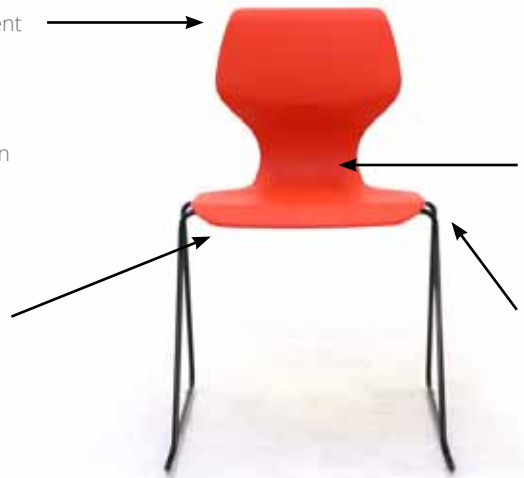
Optional book rack available on 4 leg models



Waterfall edge avoids pinch points



4 leg models stack 5 high; Wire sled can stack up to 20



Anti-slip textured shell



Reinforced back adds strength while remaining flexible

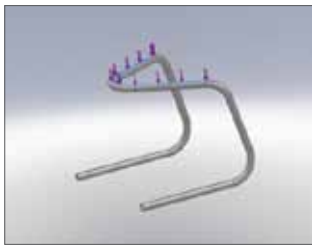


Protective bumpers on c frame models allow Airley to rest without marring the work surface

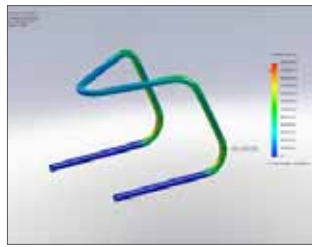


OUR FRAMES ARE STRONGER. WHY? THERE'S MORE METAL IN THE RIGHT PLACES.

FEA TEST RESULTS:



300 lbs of force



C-Frame 13 gauge, 1" tube exhibits minimal stress throughout frame.

	13GA	UNITS
OD	1	1.25 in
t	0.095	0.095 in
L	20	20 in
F	50	50 lbs
R1	1	1.25 in
R2	0.905	1.155 in
weight	0.913	1.166 lb/ft
Ix	0.258552	0.519764 in ⁴
% Difference	201%	100%
c	0.5	0.625 in
Mr	125	125 in*lb
σ	241.73	150.31 psi
% Difference	161%	100%

	12 GA	UNITS
OD	0.887	in
t	0.109	in
L	20	in
F	50	lbs
R1	0.887	in
R2	0.778	in
weight	0.901	lb/ft
Ix	0.19842	in ⁴
% Difference	295%	%
c	0.4435	in
Mr	125	in*lb
σ	279.39	psi
% Difference	210%	%

Our 13 gauge frame experiences less stress than typical 12 gauge frames

BIFMA TEST RESULT: PASSED

ANSI BIFMA backrest strength test

Functional Load = 150 lbs applied for 1 minute

On same chair, Proof Load of 250 lbs for 1 minute

THE FLEXIBILITY TO CHOOSE NEARLY ANY COLOR

Available in eleven (11) standard shell colors and three (3) standard powder coat frame colors, Airley's shell and frame can also be specified in nearly any custom color* you can think of to fit your learning environment.

Custom colors require a minimum quantity of 150 Call for pricing and lead time.





STATEMENT OF LINE

The Airley chair is available in a wide range of heights, bases and two shell sizes.





i3 learning environments

interactive • integrated • inspiring

The notion that learning is synonymous with knowledge transfer, at a fixed location and a fixed time, has become outdated. Current paradigms discuss knowledge exchange and construction of knowledge and skills individually or in a group. This view disconnects learning from time and place, and makes it an ongoing process. That means that the “learning environment” extends beyond the classroom, or even the school. We define a modern learning environment as the overall resources, strategies, people, and facilities that create the opportunity to learn. On the physical / functional level we divide the learning environment into four functional zones (Participant, Facilitator, Shared Media, Informal). When these zones are well developed, the result is an interactive, integrated and inspiring place to learn and work. We call this an i3 learning environment.

1 STUDENT ZONE

Today’s classroom must be comfortable and flexible. They need to easily transform from individual to team configurations. That is why our wide range of products are both mobile, adjustable, and available with multiple work surface shapes and sizes.

2 INSTRUCTOR ZONE

Instructors provide our children with the skills that will help them succeed in their future endeavours. Equipping them with tools that are mobile and integrate technology enables instructors to focus on student needs.

3 SHARED (MEDIA) ZONE

Walls are portals to the world of knowledge. They must facilitate the exchange of knowledge between students and teachers, student to student and teachers to students.

4 INFORMAL ZONE

Because learning no longer just takes place in the classroom, other environments must also be carefully considered. These environments are enabled so that instructors, students and content can be located in different, non centralized locations.



OPTI +

The concept is simple: develop a chair and a desk that allows the user to achieve a natural resting position and allows the spine to support body weight in a comfortable manner. The same position is seen when people are standing upright or lying on their side when they sleep. We have developed the Opti+ collection of ergonomic chairs and desks based on this natural resting position.



VIVID

Designed by Belgian designer Bram Boo, Vivid's innovative, striking design and combination of chair and work surface creates conversations but can be used independently using one of the four seats.



i3 BOARD

With a gentle pull, i3 Board easily moves left or right and articulates up to 90 degrees enabling instructors to physically divide space. This not only increases visibility and aids in reducing glare, but gives teacher the freedom to differentiate instruction without distracting other students. Users can create intimate and focused settings which allows them to switch from whole class instruction to more individualized work.

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