

# TELESCOPIC SEATING

**Irwin Seating Company**





# The Irwin Difference

For over 100 years, Irwin Seating Company’s focus has been on meeting our customers’ needs with comfortable, stylish and reliable seating. We are proud of our heritage as an innovative, family-owned company who still manufactures products in the United States.

We understand that the unique design of each space means what worked well on one project may not work for another. So we start by asking questions, listening closely to the answers and then tailoring a solution for your specific needs. Our experience and expertise will assist you in every phase of your project; from initial product selection and budget evaluation to layout / design through installation and beyond.

We recognize the importance of stewardship and understand seating and telescopic equipment must be reliable, comfortable and easy to use and maintain for years to come. Our products embody this understanding with stylish, comfortable components that are virtually maintenance-free, the use of engineered, impact resistant polymers, heavy gauge, structural steel, and fabrics that pass the industry’s most stringent tests.

Our service is as strong and reliable as our seating. Every person at Irwin Seating is focused on meeting customer needs at every stage of the project. Finally, with our Midwest manufacturing plants, we can easily provide parts and restoration services to make sure everything stays functional for as long as your chairs are in use.

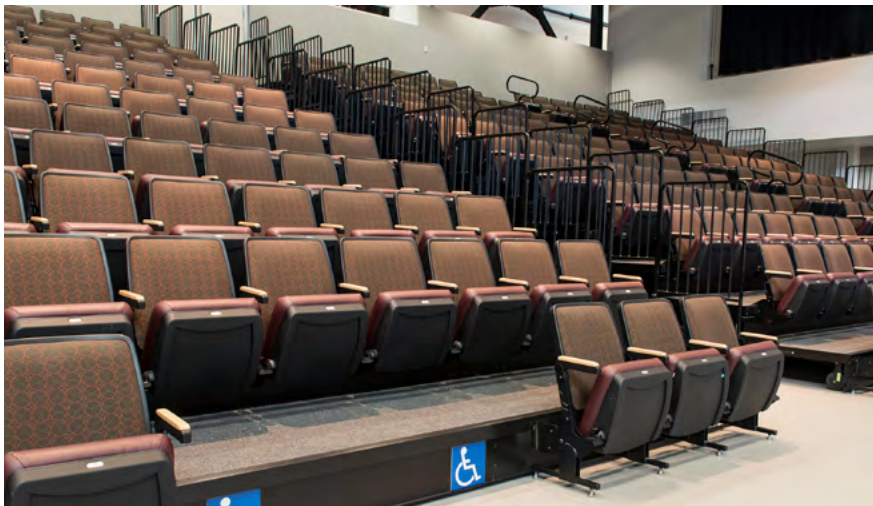
Talk with your authorized Irwin Seating representative today and experience the Irwin Difference.



Four Bears Casino & Event Center – New Town, North Dakota



Denver City High School – Denver City, Texas



Hacienda Heights Community Center – Hacienda Heights, California



Saint Francis High School - Mountain View, California

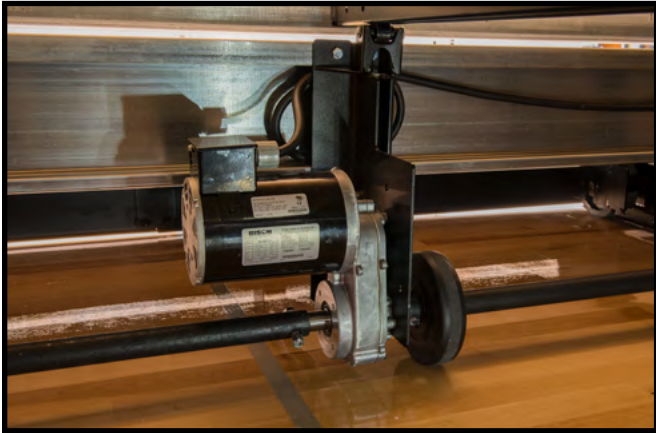


# VersaTract Understructure



VersaTract is the most VERSAtile reTRACTable seating system available. This innovative telescoping seating system provides an incredibly stable walking surface and unmatched performance and reliability. We're so confident in the design, materials and construction of VersaTract it's backed by the industry's best warranty - 10 YEARS!

What makes VersaTract versatile? VersaTract uses many common components but load critical components such as row posts which can be "scaled up" based on load calculations and the seating type selected. Row posts are a minimum 2" x 3" 14-gauge steel column but may be supplied in 2" x 4" or 2" x 6" sizes depending on engineering factors .



Our power operated telescopic systems use a heavy-duty Integral Drive System (IDS) that applies the operating forces directly to the first row of the understructure. This unique design creates reliable, consistent operation. IDS is also available with an optional steerable system that lets the operator make corrections when opening the unit up. Larger systems, individually operated sections and tapered sections include a dual motor design (see inset) to ensure smooth operation and proper alignment. The IDS System is available in 208/480V 3-phase or 120V single phase, U.L. Listed system.



The lower Integral Alignment System (highlighted) interlocks the adjacent wheel channels for true straight-line and repeatable operation, while preventing system failure.



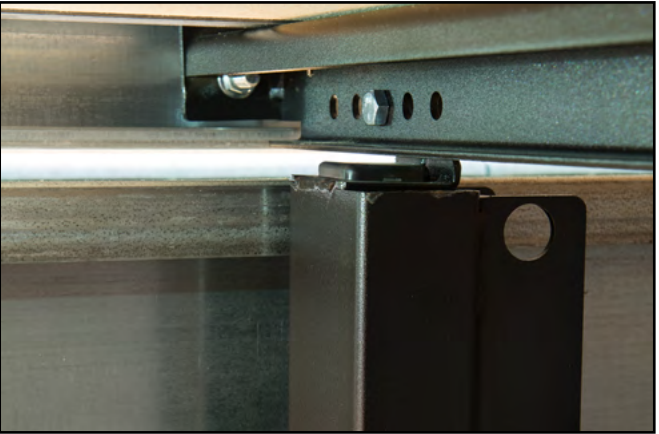
Post columns use a minimum 2" x 3" 14-gauge tube, welded 360° to the 2" wide wheel channel. Heavy-duty 10-gauge row locks secure each row in the open position. Non-marring 5" x 1-3/8" wheels are used.



Deck supports include a unique dual purpose roller that provide support and alignment during operation.



Nylon glides (highlighted) and rollers make VersaTract a completely lubrication-free system, reducing cost of ownership while extending life cycle value.



Heavy triple formed 10-gauge cantilever arm increases strength to the deck system. Nylon pads prevent steel fatigue by eliminating metal to metal contact.



Sway bracing is constructed using a minimum 1-1/2" 14-gauge square tubing and begins on row two.

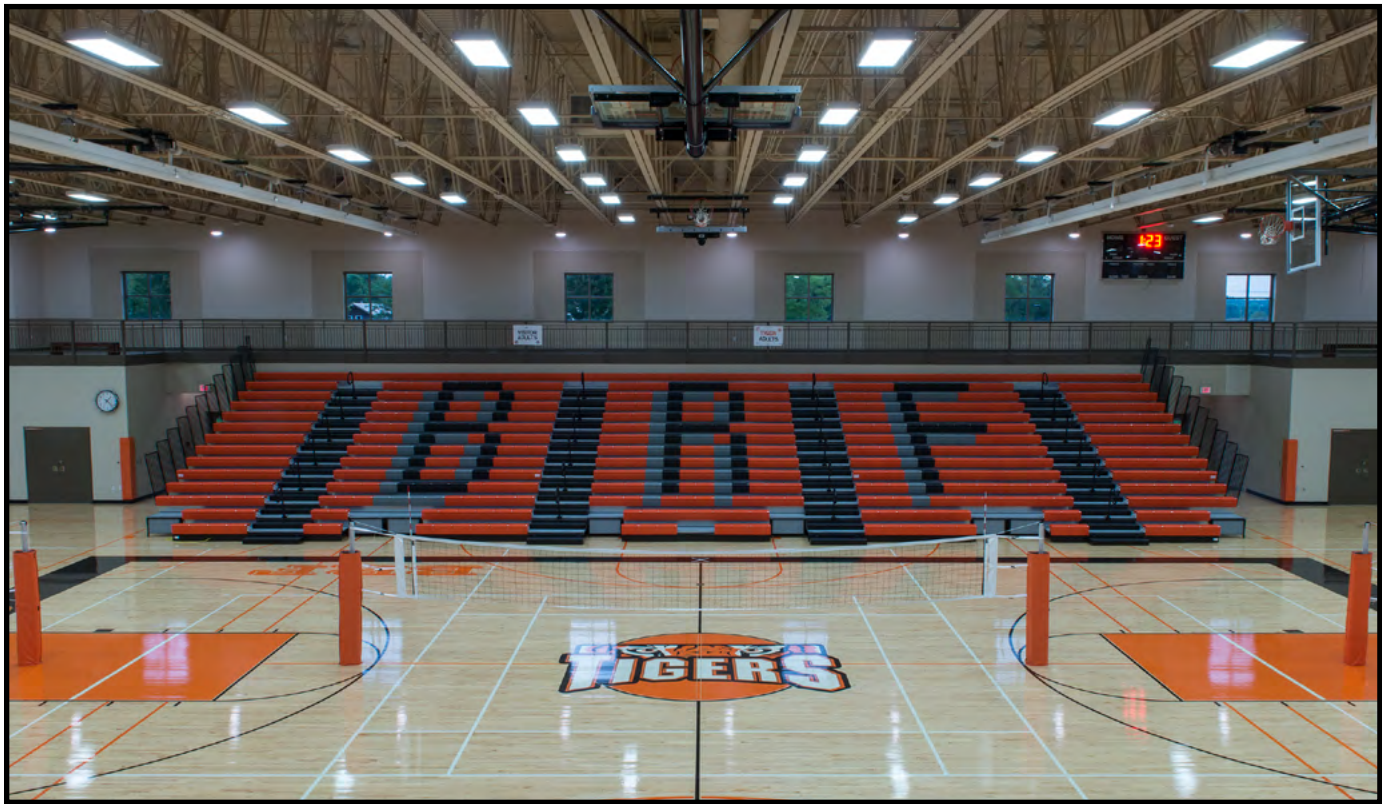


# Infinity

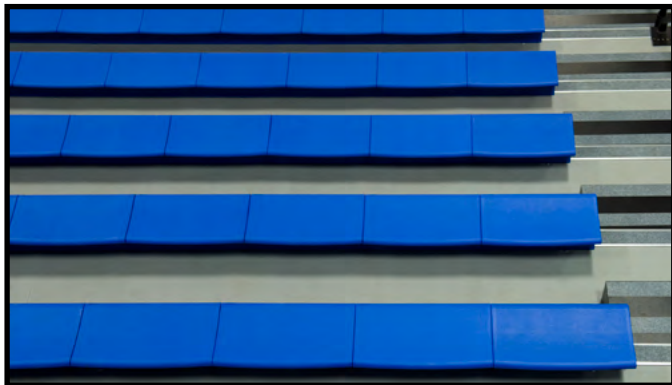
The subtle ergonomic contours and the mix of textures provided on our Infinity Seat offer a refined look and enhanced comfort when compared to other bleacher seats! But Infinity is not just another pretty face, it can withstand loads of over 600 pounds and endure the fiercest performance tests – for a demonstration go to the Infinity page on [irwinseating.com](http://irwinseating.com) and click MEDIA.



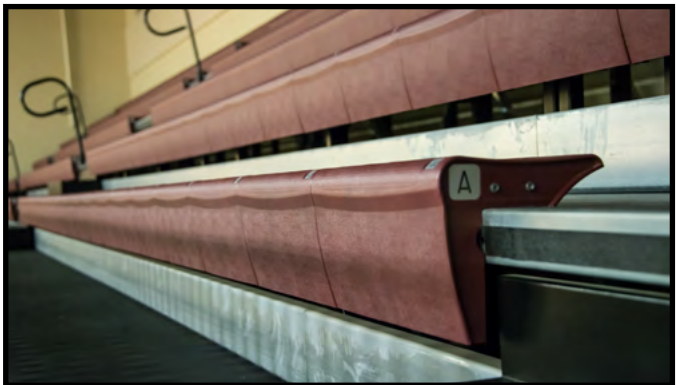
10" deep module with screen printed logo, row letter and seat number plates (12" deep seat also available)



Infinity is available in 15 standard colors



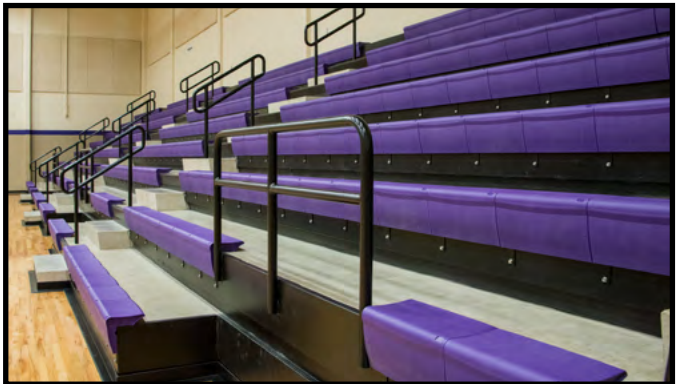
Designed with a comfortable, ergonomic shape and generous foot space under the rear edge



10" deep seat to accommodate 14" - 16" row rises



10" deep seat mounted to concrete risers



10" deep seat mounted to concrete risers



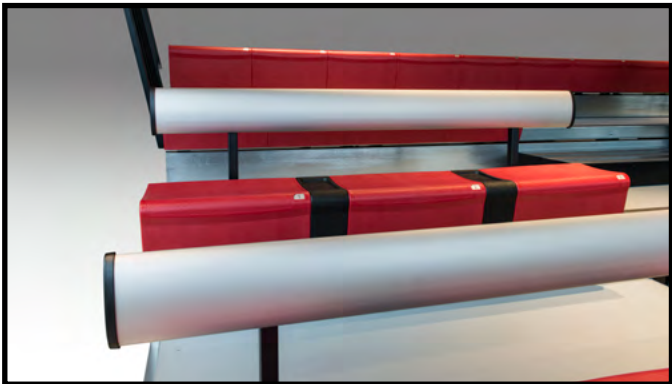
Molded Infinity backrest with contoured design for comfort can help define a VIP section



Infinity backrests folded for storage



Seat spacer (shown in black for demonstration) is available in 4-1/2" or 6" widths



Infinity extruded aluminum backrest option

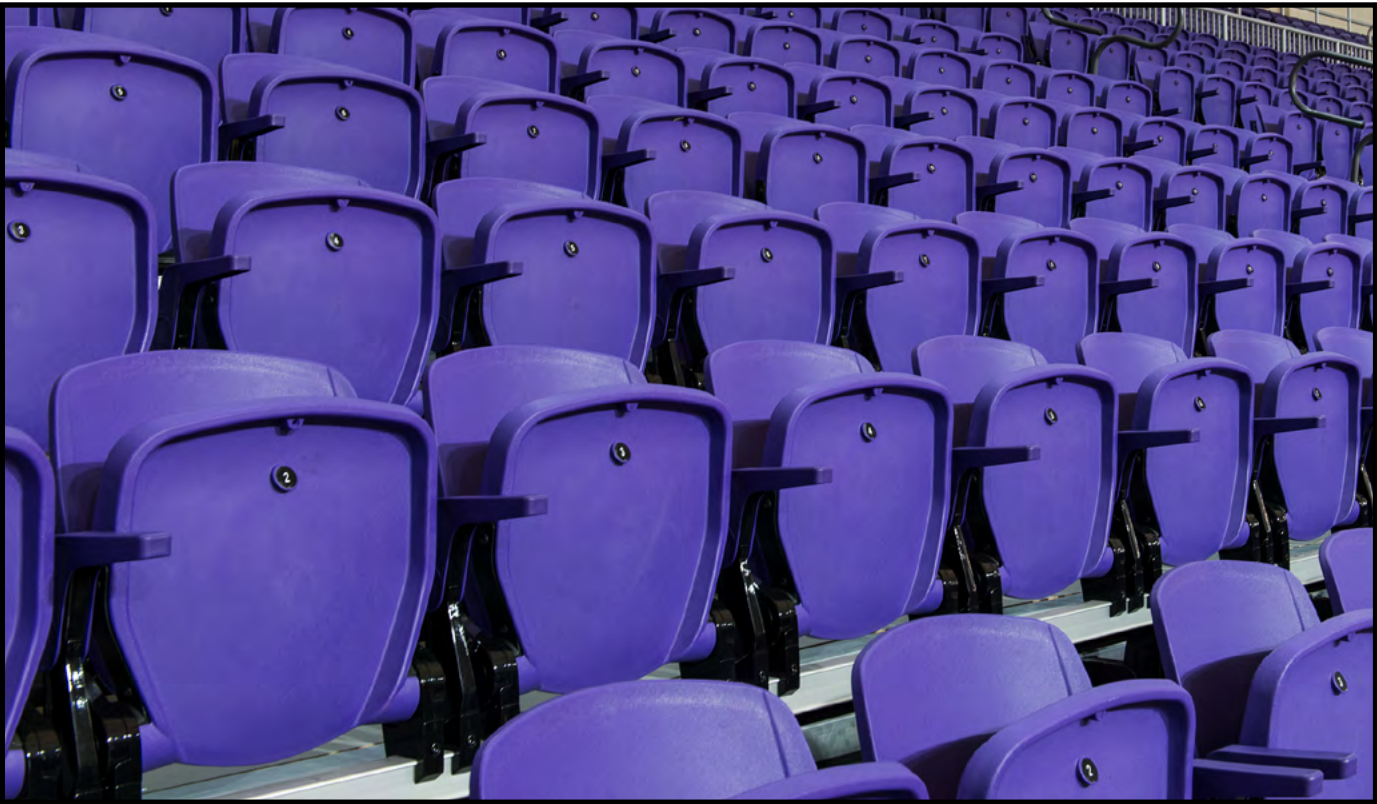


Seat spacer with molded tray, also available with cupholder

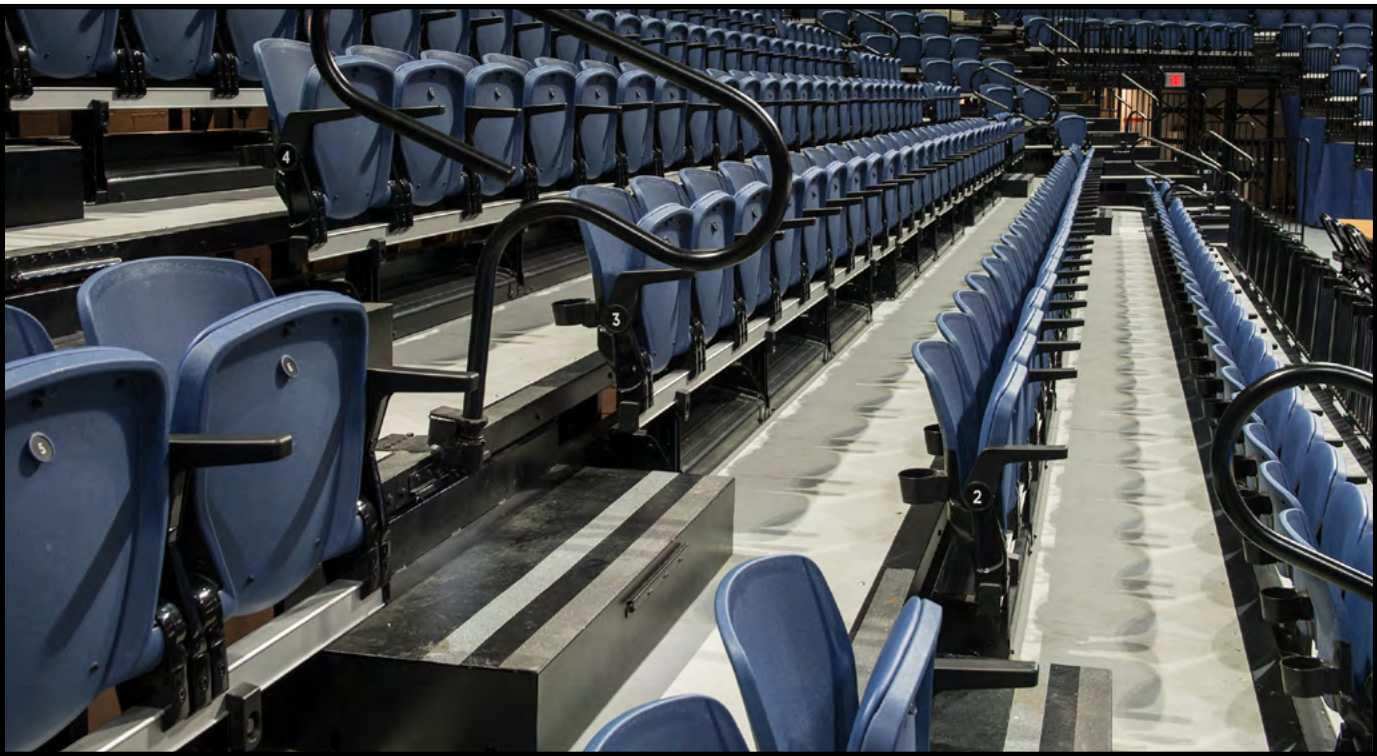


# Integra

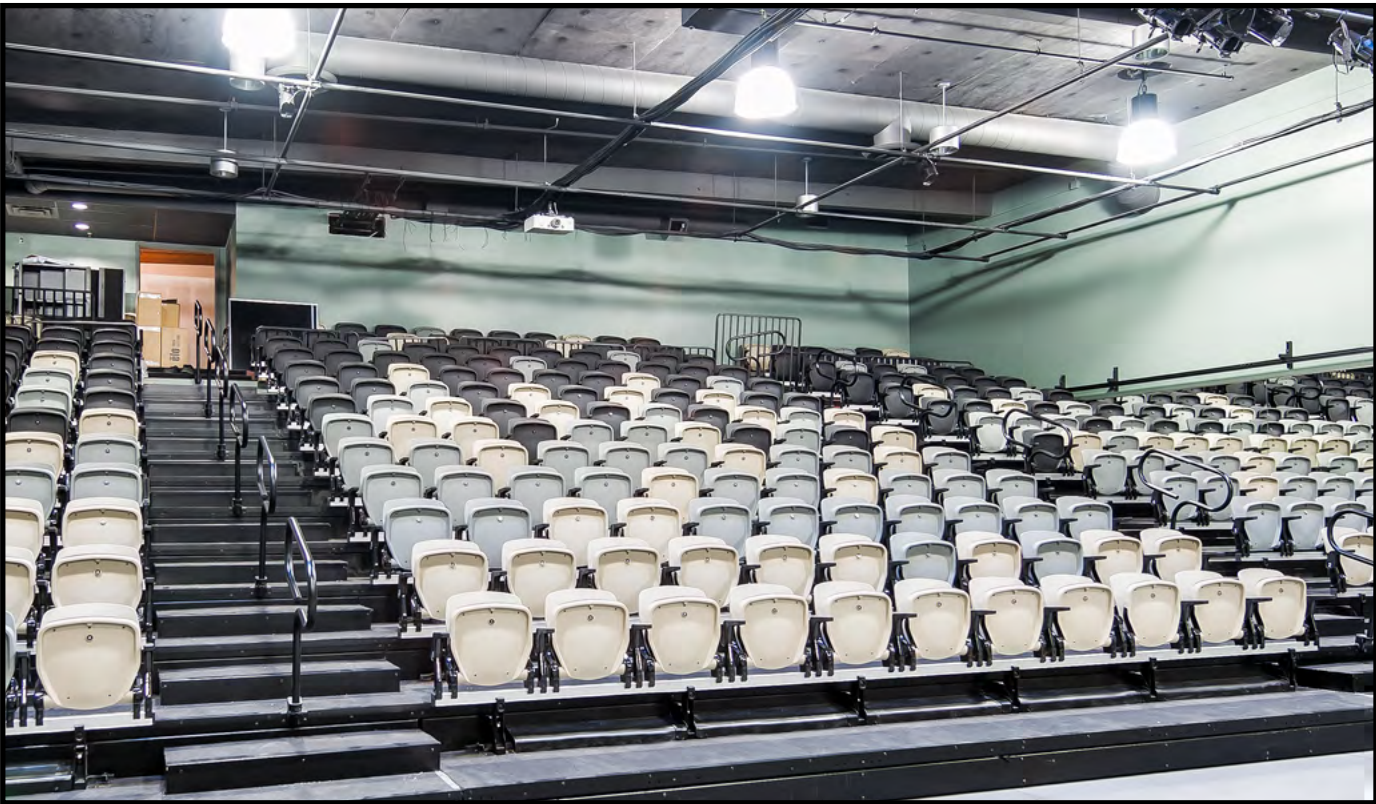
Irwin Seating Company's Integra chair has set a new standard for both style and comfort. Integra is durable enough for facilities like U.S. Bank Stadium and yet refined enough for the Arizona Ballet. Integra is a feature-rich, adaptable line of seating available with either manual or semi-automatic chair operation.



Contemporary design with a generous 17-1/2" seat width and ergonomic shape for superior comfort



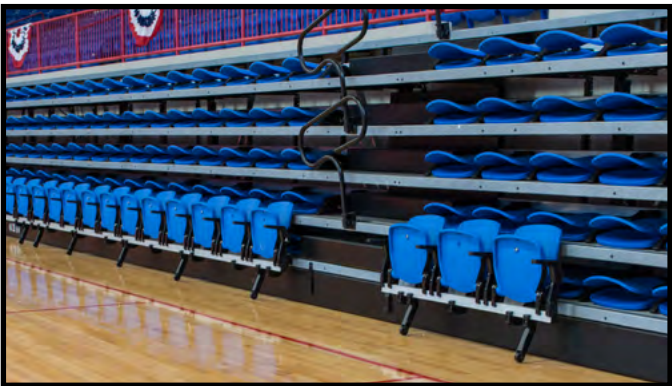
Integra is available with rear mounted cupholders



Integra is available in 15 standard colors - custom colors are also an option



Available with padded, upholstered seat and non-upholstered back



Nose-mounted Integra can be used for team seating or during gym class when the system is closed



Integra can be mounted to concrete risers



Scribe writing tablets



Available with padded, upholstered back and seat



Seat number plate



Row letter plate



Cupholder arms



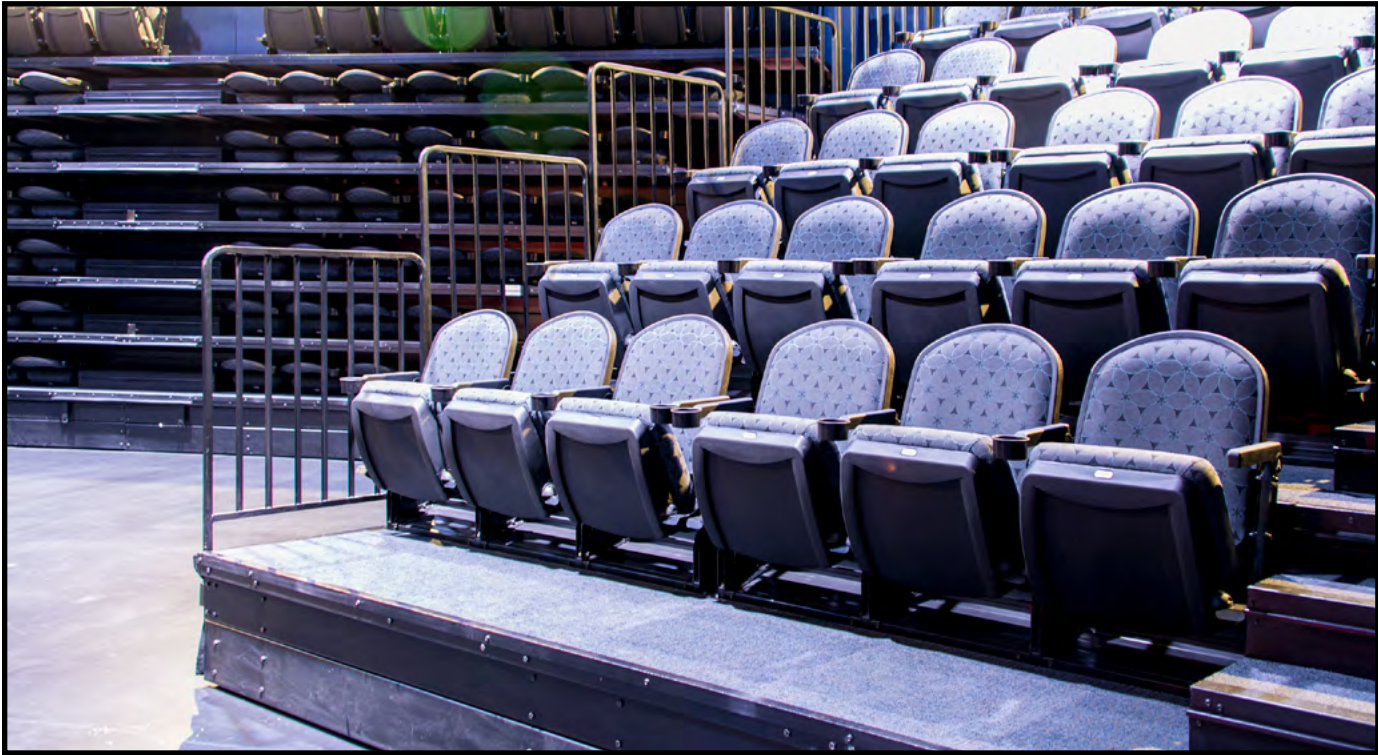
Beam mounting allows for flexible chair spacing

Trim Area for Gate Fold



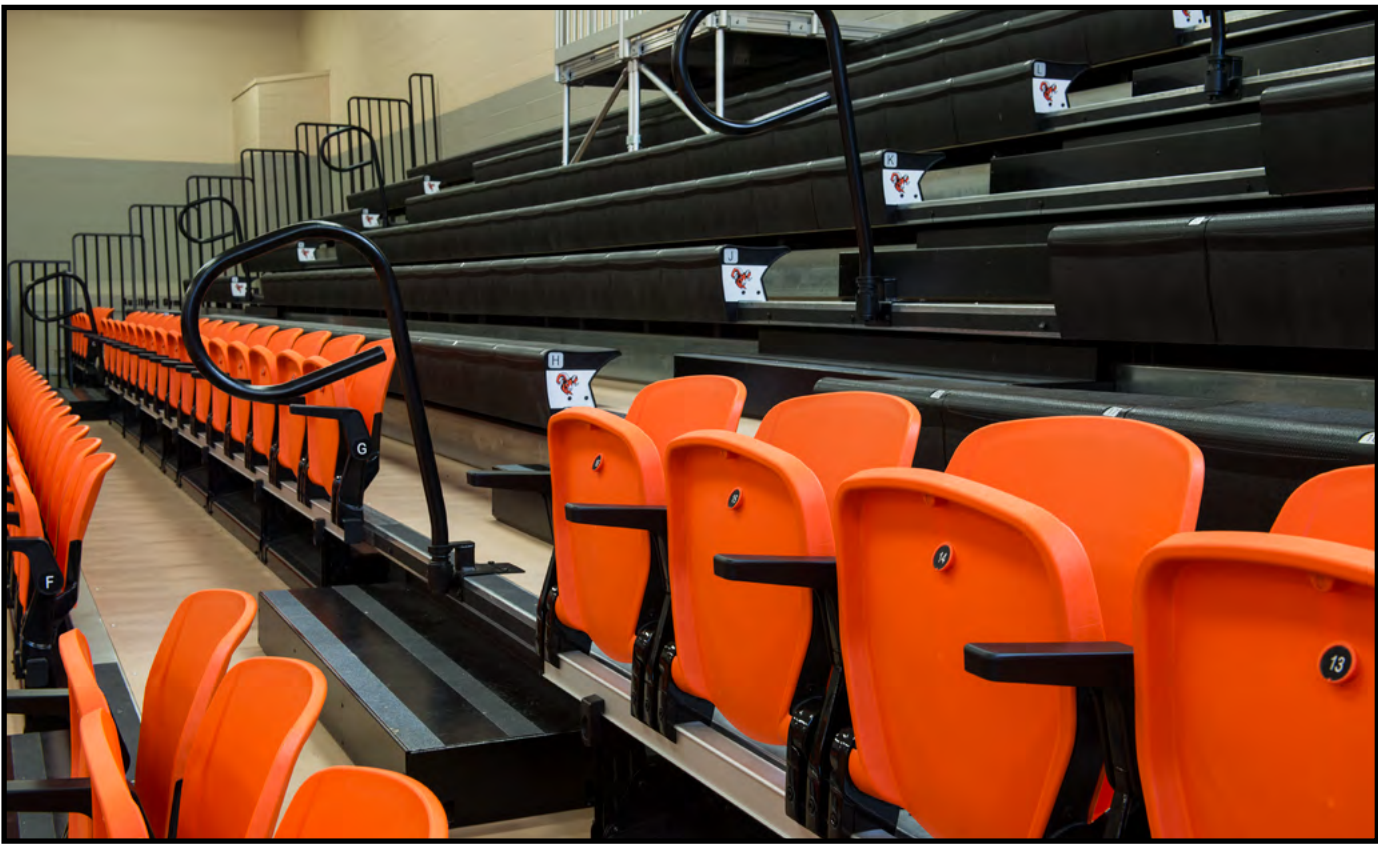
# Prestige

Prestige is the best of two worlds; the comfort of auditorium-style backs and seats on our VersaTract telescopic system. Prestige is a great choice for facilities needing high-end seating in a flexible space.

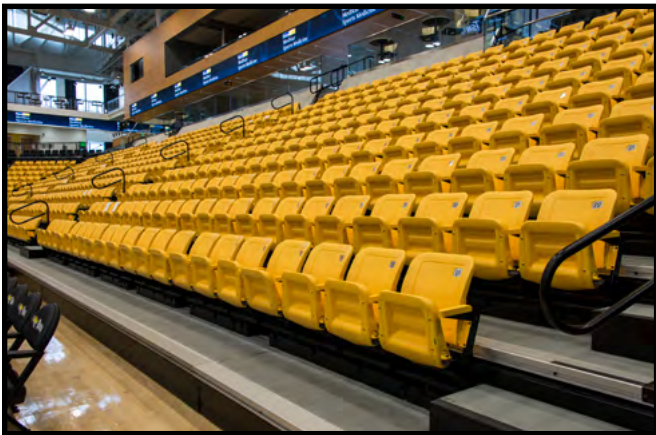


Forward-fold Prestige with Millennium chairs

# More Seating Options



Combination seating shown using Integra chairs and Infinity seats.



Forward-fold Prestige with Patriot chairs



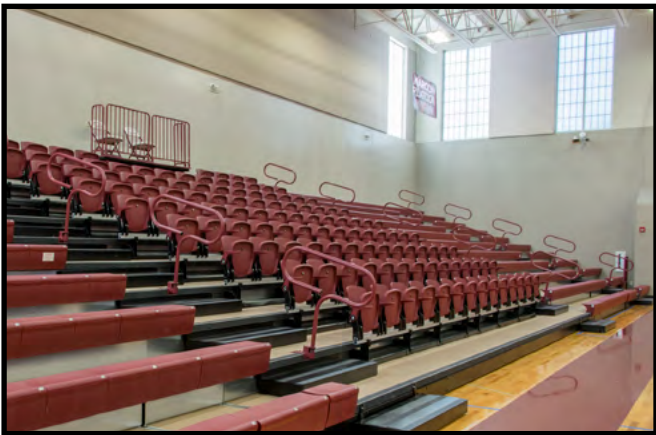
Nose-Mount Prestige with Citation chairs

### Features Include:

- Spring-assist mechanism helps to deploy seating with less physical stress on the crew
- Quick and easy chair storage system
- Same backs and seats used for fixed seating creates a continuity of design
- Accommodates many row rise conditions with nose-mount or forward-fold chairs
- Provided with a heavy-duty Integral Drive System for consistent, reliable operation

### Available Options:

- Available with multiple back and seat styles to meet any design aesthetic
- Available with row letter and seat number plates
- Decking is available in many different materials
- Available with Smart Rails
- Available with aisle lights
- Can be supplied in air-lift portable or wall-attached units



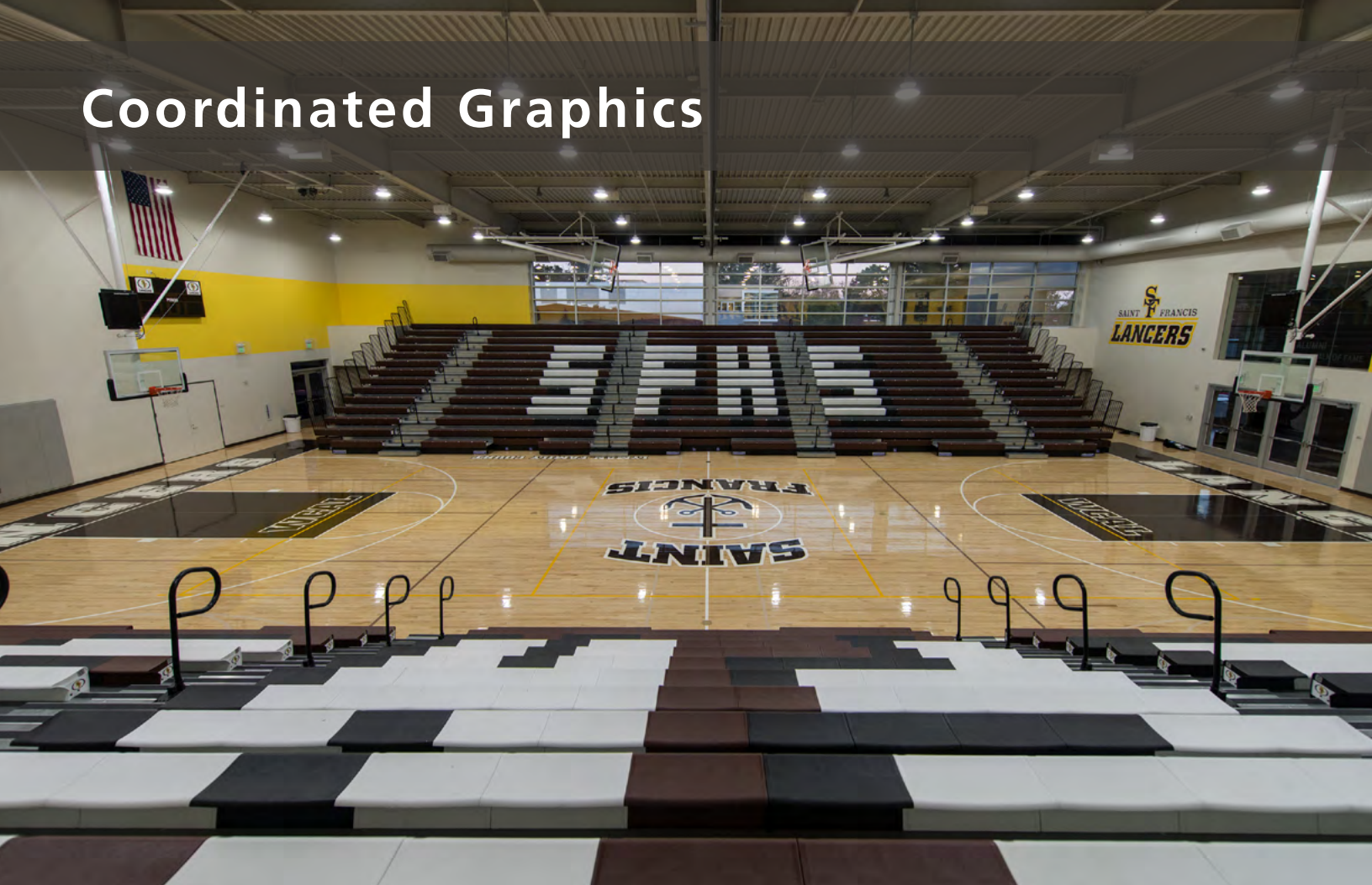
Many of today's gymnasiums are designed to create a more personal and comfortable environment and we have just the solution! Using both Integra chairs and Infinity seat modules on the VersaTract telescopic system creates a VIP seating experience that will help excite the home crowd and be the envy of all conference rivals. It also allows the sports boosters a chance to get involved and raise funds through the sale of the "luxury" seating.

Integra chairs can be located within a center seating area or more commonly along the full length of the lower rows to reduce the overall open depth of the system. Integra chairs can also be further customized by adding an engraved donor plate to the arm and upholstered pads for added comfort.

If a traditional aesthetic is desired, wood bench seating is available in 4/4 or 5/4 nominal thickness.

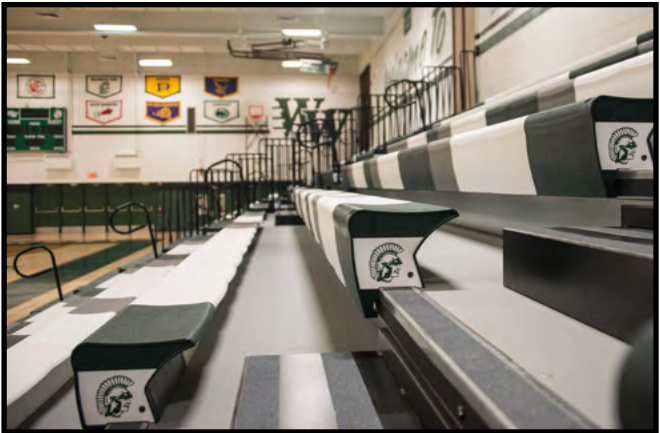


# Coordinated Graphics

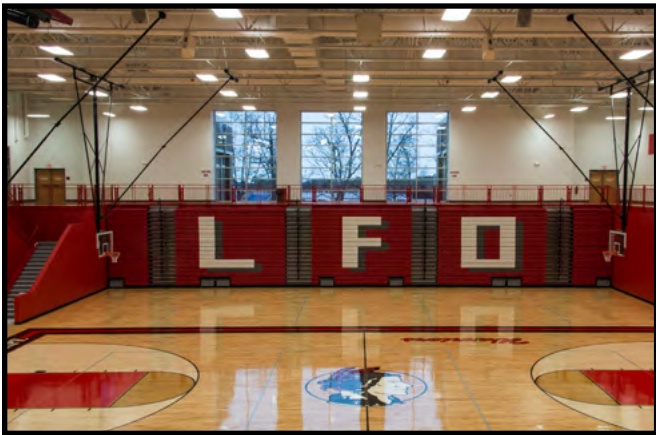
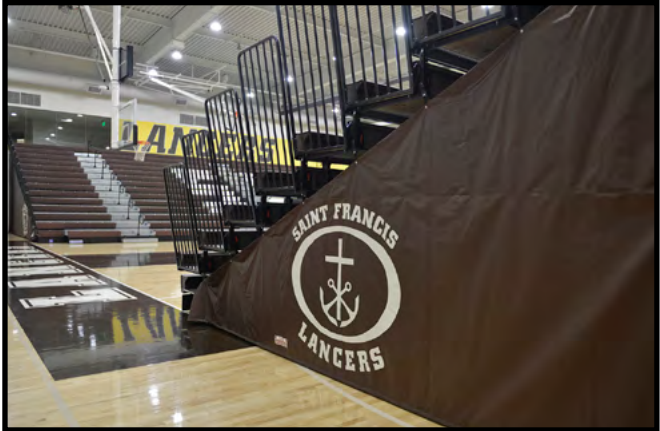
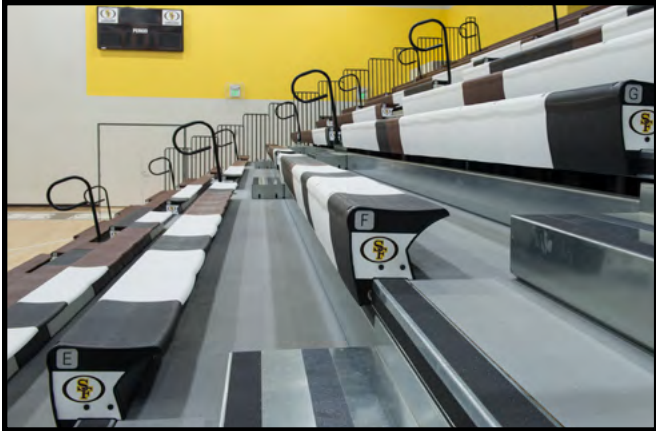


Excite the home crowd and build team spirit with exceptional colors and graphics! Choose from our palette of 15 standard colors or custom match your school colors to get just the right shade. Bleachers designed with school lettering or a mascot name is a popular option and achieved simply with the strategic placement of various colored seats. The use of three colors creates an impressive 3D shadow effect.

Bring it all together by adding custom lettering, end seat logos and matching end curtains. Simply supply us with your digital artwork and let us do the rest! Design your own customized colored graphics or ask your Irwin Seating representative to assist you.



Multiple seat colors can be used for lettering or to create a design.





# Smart Rails



Safe and sound – that’s what you get with the Irwin Smart Rail and Smart Rail EX. It’s a fact, when aisle rails are loose or missing, accidents can occur. With Smart Rail by Irwin Seating that’s no longer a concern as rails are permanently attached and simply rotate for use or storage. Of course, another benefit is the reduction in operation times.

### Features Include:

- No tools needed to store or deploy rails, simply lift and rotate
- Rounded, closed-loop design minimizes risk of patrons snagging bags or clothing during egress
- Eliminates removal and storage needs saving space and reducing setup times
- Strong and durable, 1-1/2” round tubing creates a natural and comfortable grip
- Code compliant design for dimensional standards and structural loading
- In-line design, no staggering of rails
- Smart Rail for use on 22” - 26” spacing with 10” - 16” rises
- Smart Rail EX for use on 31” - 36” spacing with 7-1/2” to 16” row rise
- Available with all seating types
- Can be installed on existing bleachers



# Wheelchair Options

Offering a single seating system to meet the ever-changing needs of today’s facilities is impractical, that’s why we offer a choice in wheelchair accessibility options.

The Modular Deck Units (MDU’s) can be quickly deployed for continuous first row seating, wheelchair spaces with companion seating or truncations for team seating. Each MDU segment is manually opened and closed (friction power is located on row two) and does not require front rails by most building codes.



Permanent spaces (shown below) can be provided in single or double spaces and allow for a companion seat. Individual spaces can be permanent or recoverable to provide additional seating if needed. Railings shown below are optional and not required by most building codes.





# Options & Accessories



Panelam Decking



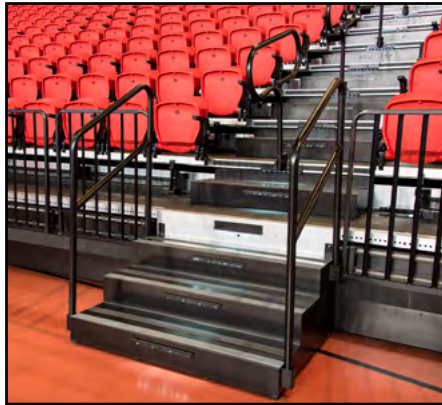
Intermediate Steps



Self-Storing End Rails



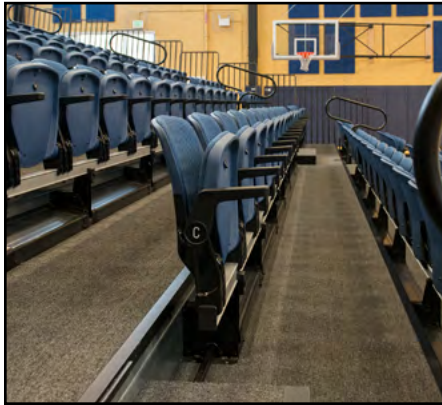
Aluminum Decking



Step Units



Custom Rails



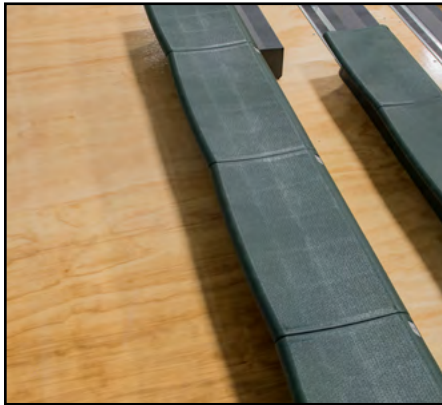
Carpeted Decking



Video Platforms



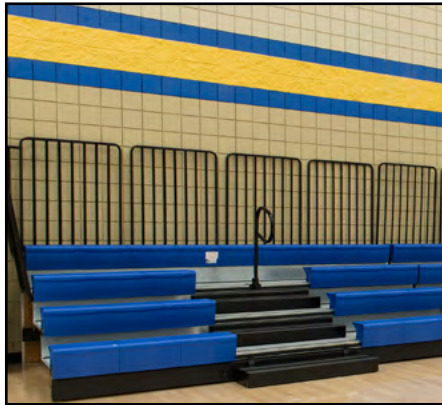
VersaDeck Quick Clamp Rails



Plywood Decking



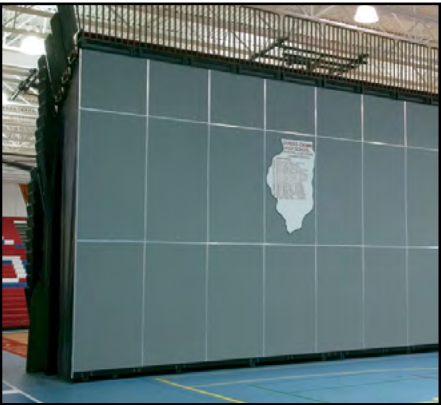
ADA Platforms



Rear Rails



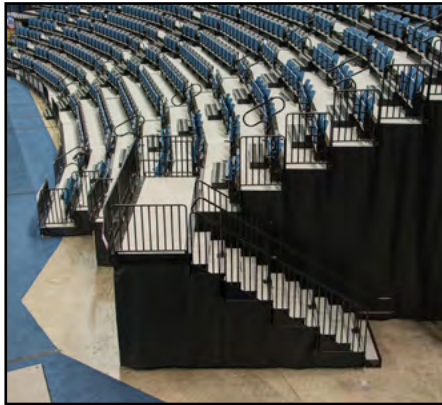
Aisle Lights



Rear Panels



Air-Lift Portable System



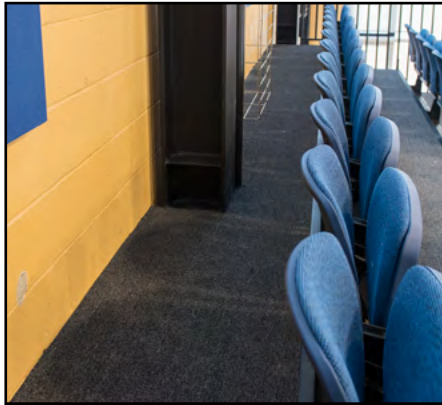
Stair Units



End Panels



Lift Trucks for Portable Units



Extended Deck Level Filler



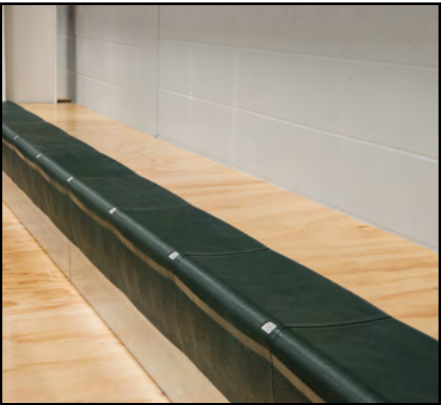
Front Panels & Side Curtains



Pendant Control



Building Column Cutouts



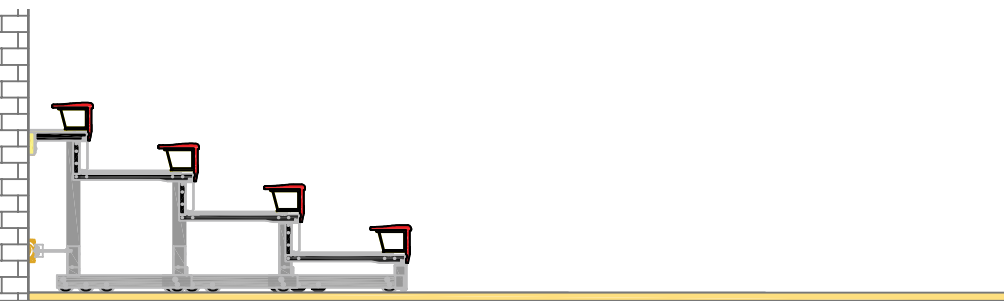
Rear Row Seat Level Filler



Steerable Control Unit

## OPERATIONAL TYPES

### Wall Attached Units:



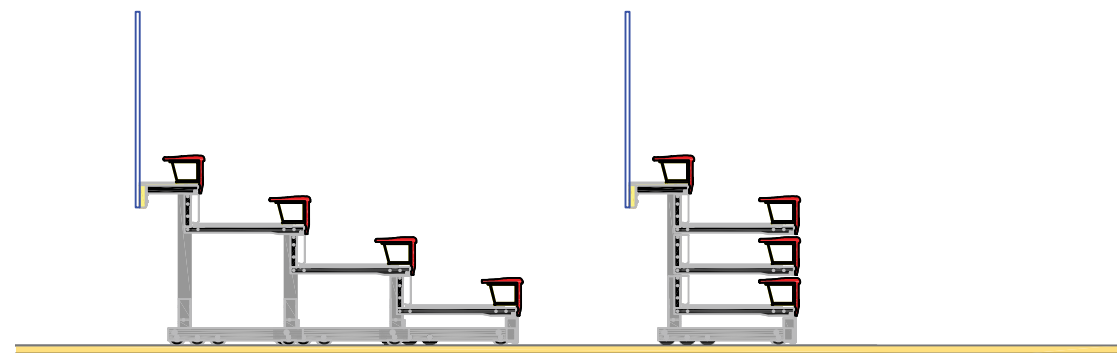
Wall Attached units are the most common operational type. Units are anchored at a minimum of two locations and open toward the event area while stacking against the wall in a minimal space.

### Recessed Units:



These units are stored beneath a balcony or concourse level and utilize a special designed linkage that allows the system to clear the recess and open for normal use.

### Forward or Reverse-Fold Units:



Often used in balconies or to separate a gym into two areas for class, these units allow for additional floor space behind the bleacher when closed. With the first row anchored to the floor, the unit travels in a rearward direction when opening.



Dimensional Data

Trim Area for Gate Fold

Bleacher Seating													
Row #	Overall Height				Open Dimensions								
	10" RISE	12" RISE	14" RISE	16" RISE	22" SPACING	24" SPACING	26" SPACING	28" SPACING	30" SPACING	31" SPACING	32" SPACING	33" SPACING	36" SPACING
	(25cm)	(30cm)	(36cm)	(41cm)	(56cm)	(61cm)	(66cm)	(71cm)	(76cm)	(79cm)	(81cm)	(84cm)	(91cm)
3	3'-0 3/4" (93cm)	3'-6 3/4" (109cm)	3'-8 3/4" (114cm)	4'-2 3/4" (129cm)	5'-5" (165cm)	5'-7" (170cm)	5'-9" (175cm)	6'-3" (191cm)	6'-5" (196cm)	6'-9" (206cm)	6'-10" (208cm)	6'-11" (211cm)	7'-5" (226cm)
4	3'-10 3/4" (119cm)	4'-6 3/4" (139cm)	4'-10 3/4" (149cm)	5'-6 3/4" (170cm)	7'-3" (221cm)	7'-7" (231cm)	7'-11" (241cm)	8'-7" (262cm)	8'-11" (272cm)	9'-4" (284cm)	9'-6" (290cm)	9'-8" (295cm)	10'-5" (318cm)
5	4'-8 3/4" (144cm)	5'-6 3/4" (170cm)	6'-0 3/4" (185cm)	6'-10 3/4" (210cm)	9'-1" (277cm)	9'-7" (292cm)	10'-1" (307cm)	10'-11" (333cm)	11'-5" (348cm)	11'-11" (363cm)	12'-2" (371cm)	12'-5" (378cm)	13'-5" (409cm)
6	5'-6 3/4" (170cm)	6'-6 3/4" (200cm)	7'-2 3/4" (220cm)	8'-2 3/4" (251cm)	10'-11" (333cm)	11'-7" (353cm)	12'-3" (373cm)	13'-3" (404cm)	13'-11" (424cm)	14'-6" (442cm)	14'-10" (452cm)	15'-2" (462cm)	16'-5" (500cm)
7	6'-4 3/4" (195cm)	7'-6 3/4" (231cm)	8'-4 3/4" (256cm)	9'-6 3/4" (291cm)	12'-9" (389cm)	13'-7" (414cm)	14'-5" (439cm)	15'-7" (475cm)	16'-5" (500cm)	17'-1" (521cm)	17'-6" (533cm)	17'-11" (546cm)	19'-5" (592cm)
8	7'-2 3/4" (220cm)	8'-6 3/4" (261cm)	9'-6 3/4" (291cm)	10'-10 3/4" (332cm)	14'-7" (445cm)	15'-7" (475cm)	16'-7" (505cm)	17'-11" (546cm)	18'-11" (577cm)	19'-8" (599cm)	20'-2" (615cm)	20'-8" (630cm)	22'-5" (683cm)
9	8'-0 3/4" (246cm)	9'-6 3/4" (291cm)	10'-8 3/4" (327cm)	12'-2 3/4" (373cm)	16'-5" (500cm)	17'-7" (536cm)	18'-9" (572cm)	20'-3" (617cm)	21'-5" (653cm)	22'-3" (678cm)	22'-10" (696cm)	23'-5" (714cm)	25'-5" (775cm)
10	8'-10 3/4" (271cm)	10'-6 3/4" (322cm)	11'-10 3/4" (363cm)	13'-6 3/4" (413cm)	18'-3" (556cm)	19'-7" (597cm)	20'-11" (638cm)	22'-7" (688cm)	23'-11" (729cm)	24'-10" (757cm)	25'-6" (777cm)	26'-2" (798cm)	28'-5" (866cm)
11	9'-8 3/4" (297cm)	11'-6 3/4" (352cm)	13'-0 3/4" (398cm)	14'-10 3/4" (454cm)	20'-1" (612cm)	21'-7" (658cm)	23'-1" (704cm)	24'-11" (759cm)	26'-5" (805cm)	27'-5" (836cm)	28'-2" (859cm)	28'-11" (881cm)	31'-5" (958cm)
12	10'-6 3/4" (322cm)	12'-6 3/4" (383cm)	14'-2 3/4" (434cm)	16'-2 3/4" (495cm)	21'-11" (668cm)	23'-7" (719cm)	25'-3" (770cm)	27'-3" (831cm)	28'-11" (881cm)	30'-0" (914cm)	30'-10" (940cm)	31'-8" (965cm)	34'-5" (1049cm)
13	11'-4 3/4" (347cm)	13'-6 3/4" (413cm)	15'-4 3/4" (469cm)	17'-6 3/4" (535cm)	23'-9" (724cm)	25'-7" (780cm)	27'-5" (836cm)	29'-7" (902cm)	31'-5" (958cm)	32'-7" (993cm)	33'-6" (1021cm)	34'-5" (1049cm)	37'-5" (1140cm)
14	12'-2 3/4" (373cm)	14'-6 3/4" (444cm)	16'-6 3/4" (505cm)	18'-10 3/4" (576cm)	25'-7" (780cm)	27'-7" (841cm)	29'-7" (902cm)	31'-11" (973cm)	33'-11" (1034cm)	35'-2" (1072cm)	36'-2" (1102cm)	37'-2" (1133cm)	40'-5" (1232cm)
15	13'-0 3/4" (398cm)	15'-6 3/4" (474cm)	17'-8 3/4" (540cm)	20'-2 3/4" (617cm)	27'-5" (836cm)	29'-7" (902cm)	31'-9" (968cm)	34'-3" (1044cm)	36'-5" (1110cm)	37'-9" (1151cm)	38'-10" (1184cm)	39'-11" (1217cm)	43'-5" (1323cm)
16	13'-10 3/4" (424cm)	16'-6 3/4" (505cm)	18'-10 3/4" (576cm)	21'-6 3/4" (657cm)	29'-3" (892cm)	31'-7" (963cm)	33'-11" (1034cm)	36'-7" (1115cm)	38'-11" (1186cm)	40'-4" (1229cm)	41'-6" (1265cm)	42'-8" (1300cm)	46'-5" (1415cm)
17	14'-8 3/4" (449cm)	17'-6 3/4" (535cm)	20'-0 3/4" (612cm)		31'-1" (947cm)	33'-7" (1024cm)	36'-1" (1100cm)	38'-11" (1186cm)	41'-5" (1262cm)	42'-11" (1308cm)	44'-2" (1346cm)	45'-5" (1384cm)	49'-5" (1506cm)
18	15'-6 3/4" (474cm)	18'-6 3/4" (566cm)	21'-2 3/4" (647cm)		32'-11" (1003cm)	35'-7" (1085cm)	38'-3" (1166cm)	41'-3" (1257cm)	43'-11" (1339cm)	45'-6" (1387cm)	46'-10" (1427cm)	48'-2" (1468cm)	52'-5" (1598cm)
19	16'-4 3/4" (500cm)	19'-6 3/4" (596cm)	22'-4 3/4" (683cm)		34'-9" (1059cm)	37'-7" (1146cm)	40'-5" (1232cm)	43'-7" (1328cm)	46'-5" (1415cm)	48'-1" (1466cm)	49'-6" (1509cm)	50'-11" (1552cm)	55'-5" (1689cm)
20	17'-2 3/4" (525cm)	20'-6 3/4" (627cm)			36'-7" (1115cm)	39'-7" (1207cm)	42'-7" (1298cm)	45'-11" (1400cm)	48'-11" (1491cm)	50'-8" (1544cm)	52'-2" (1590cm)	53'-8" (1636cm)	58'-5" (1781cm)
21	18'-0 3/4" (551cm)	21'-6 3/4" (657cm)			38'-5" (1171cm)	41'-7" (1267cm)	44'-9" (1364cm)	48'-3" (1471cm)	51'-5" (1567cm)	53'-3" (1623cm)	54'-10" (1671cm)	56'-5" (1720cm)	61'-5" (1872cm)
22	18'-10 3/4" (576cm)	22'-6 3/4" (688cm)			40'-3" (1227cm)	43'-7" (1328cm)	46'-11" (1430cm)	50'-7" (1542cm)	53'-11" (1643cm)	55'-10" (1702cm)	57'-6" (1753cm)	59'-2" (1803cm)	64'-5" (1963cm)
23	19'-8 3/4" (601cm)	23'-6 3/4" (718cm)			42'-1" (1283cm)	45'-7" (1389cm)	49'-1" (1496cm)	52'-11" (1613cm)	56'-5" (1720cm)	58'-5" (1781cm)	60'-2" (1834cm)	61'-11" (1887cm)	67'-5" (2055cm)
24	20'-6 3/4" (627cm)	24'-6 3/4" (749cm)			43'-11" (1339cm)	47'-7" (1450cm)	51'-3" (1562cm)	55'-3" (1684cm)	58'-11" (1796cm)	61'-0" (1859cm)	62'-10" (1915cm)	64'-8" (1971cm)	70'-5" (2146cm)
25	21'-4 3/4" (652cm)	25'-6 3/4" (779cm)			45'-9" (1394cm)	49'-7" (1511cm)	53'-5" (1628cm)	57'-7" (1755cm)	61'-5" (1872cm)	63'-7" (1938cm)	65'-6" (1996cm)	67'-5" (2055cm)	73'-5" (2238cm)
26	22'-2 3/4" (678cm)				47'-7" (1450cm)	51'-7" (1572cm)	55'-7" (1694cm)	59'-11" (1826cm)	63'-11" (1948cm)	66'-2" (2017cm)	68'-2" (2078cm)	70'-2" (2139cm)	76'-5" (2329cm)
27	23'-0 3/4" (703cm)				49'-5" (1506cm)	53'-7" (1633cm)	57'-9" (1760cm)	62'-3" (1897cm)	66'-5" (2024cm)	68'-9" (2096cm)	70'-10" (2159cm)	72'-11" (2223cm)	79'-5" (2421cm)
28	23'-10 3/4" (728cm)				51'-3" (1562cm)	55'-7" (1694cm)	59'-11" (1826cm)	64'-7" (1969cm)	68'-11" (2101cm)	71'-4" (2174cm)	73'-6" (2240cm)	75'-8" (2306cm)	82'-5" (2512cm)
29	24'-8 3/4" (754cm)				53'-1" (1618cm)	57'-7" (1755cm)	62'-1" (1892cm)	66'-11" (2040cm)	71'-5" (2177cm)	73'-11" (2253cm)	76'-2" (2322cm)	78'-5" (2390cm)	85'-5" (2604cm)
30	25'-6 3/4" (779cm)				54'-11" (1674cm)	59'-7" (1816cm)	64'-3" (1958cm)	69'-3" (2111cm)	73'-11" (2253cm)	76'-6" (2332cm)	78'-10" (2403cm)	81'-2" (2474cm)	88'-5" (2695cm)

Designer Notes:

- Minimum closed depth is 3'-7" for 22" - 26" spacing, 3'-11" for 28" - 30" spacing, 4'-2" for 31" - 33" spacing and 4'-5" for 36" spacing.
- Open depth does not include the front step.
- Closed depth may be increased by movable, forward fold or free-standing units, higher rows, columns, or rear filler panels. Please contact factory for additional information.
- For recessed conditions, add 2" to the overall height to ensure proper operating clearance.

Integra & Prestige Chair Seating													
Row #	Overall Height					Open Dimensions							
	8" Rise	10" RISE	12" RISE	14" RISE	16" RISE	30" SPACING	31" SPACING	32" SPACING	33" SPACING	34" SPACING	36" SPACING	38" SPACING	
	(20cm)	(25cm)	(30cm)	(36cm)	(41cm)	(56cm)	(61cm)	(66cm)	(76cm)	(76cm)	(79cm)	(81cm)	
2	2'-0" (61cm)	2'-6" (76cm)	3'-0" (91cm)	3'-6" (107cm)	4'-0" (122cm)	6'-3" (191cm)	6'-7" (201cm)	6'-8" (203cm)	6'-9" (206cm)	7'-1" (216cm)	7'-3" (221cm)	7'-8" (234cm)	
3	2'-8" (81cm)	3'-4" (102cm)	4'-0" (122cm)	4'-8" (142cm)	5'-4" (163cm)	8'-9" (267cm)	9'-2" (279cm)	9'-4" (284cm)	9'-6" (290cm)	9'-11" (302cm)	10'-3" (312cm)	10'-10" (330cm)	
4	3'-4" (102cm)	4'-2" (127cm)	5'-0" (152cm)	5'-10" (178cm)	6'-8" (203cm)	11'-3" (343cm)	11'-9" (358cm)	12'-0" (366cm)	12'-3" (373cm)	12'-9" (389cm)	13'-3" (404cm)	14'-0" (427cm)	
5	4'-0" (122cm)	5'-0" (152cm)	6'-0" (183cm)	7'-0" (213cm)	8'-0" (244cm)	13'-9" (419cm)	14'-4" (437cm)	14'-8" (447cm)	15'-0" (457cm)	15'-7" (475cm)	16'-3" (495cm)	17'-2" (523cm)	
6	4'-8" (142cm)	5'-10" (178cm)	7'-0" (213cm)	8'-2" (249cm)	9'-4" (284cm)	16'-3" (495cm)	16'-11" (516cm)	17'-4" (528cm)	17'-9" (541cm)	18'-5" (561cm)	19'-3" (587cm)	20'-4" (620cm)	
7	5'-4" (163cm)	6'-8" (203cm)	8'-0" (244cm)	9'-4" (284cm)	10'-8" (325cm)	18'-9" (572cm)	19'-6" (594cm)	20'-0" (610cm)	20'-6" (625cm)	21'-3" (648cm)	22'-3" (678cm)	23'-6" (716cm)	
8	6'-0" (183cm)	7'-6" (229cm)	9'-0" (274cm)	10'-6" (320cm)	12'-0" (366cm)	21'-3" (648cm)	22'-1" (673cm)	22'-8" (691cm)	23'-3" (709cm)	24'-1" (734cm)	25'-3" (770cm)	26'-8" (813cm)	
9	6'-8" (203cm)	8'-4" (254cm)	10'-0" (305cm)	11'-8" (356cm)	13'-4" (406cm)	23'-9" (724cm)	24'-8" (792cm)	25'-4" (752cm)	26'-0" (792cm)	26'-11" (820cm)	28'-3" (861cm)	29'-10" (909cm)	
10	7'-4" (224cm)	9'-2" (279cm)	11'-0" (335cm)	12'-10" (391cm)	14'-8" (447cm)	26'-3" (800cm)	27'-3" (831cm)	28'-0" (853cm)	28'-9" (876cm)	29'-9" (907cm)	31'-3" (953cm)	33'-0" (1006cm)	
11	8'-0" (244cm)	10'-0" (305cm)	12'-0" (366cm)	14'-0" (427cm)	16'-0" (488cm)	28'-9" (876cm)	29'-10" (909cm)	30'-8" (935cm)	31'-6" (960cm)	32'-7" (993cm)	34'-3" (1044cm)	36'-2" (1102cm)	
12	8'-8" (264cm)	10'-10" (330cm)	13'-0" (396cm)	15'-2" (462cm)	17'-4" (528cm)	31'-3" (953cm)	32'-5" (988cm)	33'-4" (1016cm)	34'-3" (1044cm)	35'-5" (1080cm)	37'-3" (1135cm)	39'-4" (1199cm)	
13	9'-4" (284cm)	11'-8" (356cm)	14'-0" (427cm)	16'-4" (498cm)	18'-8" (569cm)	33'-9" (1029cm)	35'-0" (1067cm)	36'-3" (1097cm)	37'-0" (1128cm)	38'-3" (1166cm)	40'-3" (1227cm)	42'-6" (1295cm)	
14	10'-0" (305cm)	12'-6" (381cm)	15'-0" (457cm)	17'-6" (533cm)	20'-0" (610cm)	36'-3" (1105cm)	37'-7" (1146cm)	38'-8" (1179cm)	39'-9" (1212cm)	41'-1" (1252cm)	43'-3" (1318cm)	45'-8" (1392cm)	
15	10'-8" (325cm)	13'-4" (406cm)	16'-0" (488cm)	18'-8" (569cm)	21'-4" (650cm)	38'-9" (1181cm)	40'-2" (1224cm)	41'-4" (1260cm)	42'-6" (1295cm)	43'-11" (1339cm)	46'-3" (1410cm)	48'-10" (1488cm)	
16	11'-4" (345cm)	14'-2" (432cm)	17'-0" (518cm)	19'-10" (605cm)		41'-3" (1257cm)	42'-9" (1303cm)	44'-0" (1341cm)	45'-3" (1379cm)	46'-9" (1425cm)	49'-3" (1501cm)	52'-0" (1585cm)	
17	12'-0" (366cm)	15'-0" (457cm)	18'-0" (549cm)	21'-0" (640cm)		43'-9" (1334cm)	45'-4" (1382cm)	46'-8" (1422cm)	48'-0" (1463cm)	49'-7" (1511cm)	52'-3" (1593cm)	55'-2" (1681cm)	
18	12'-8" (386cm)	15'-10" (483cm)	19'-0" (579cm)	22'-2" (676cm)		46'-3" (1410cm)	47'-11" (1461cm)	49'-4" (1504cm)	50'-9" (1547cm)	52'-5" (1598cm)	55'-3" (1684cm)	58'-4" (1778cm)	
19	13'-4" (406cm)	16'-8" (508cm)	20'-0" (610cm)			48'-9" (1486cm)	50'-6" (1539cm)	52'-0" (1585cm)	53'-6" (1631cm)	55'-3" (1684cm)	58'-3" (1775cm)	61'-6" (1875cm)	
20	14'-0" (427cm)	17'-6" (533cm)	21'-0" (640cm)			51'-3" (1562cm)	53'-1" (1618cm)	54'-8" (1666cm)	56'-3" (1715cm)	58'-1" (1770cm)	61'-3" (1867cm)	64'-8" (1971cm)	
21	14'-8" (447cm)	18'-4" (559cm)	22'-0" (671cm)			53'-9" (1638cm)	55'-8" (1697cm)	57'-4" (1748cm)	59'-0" (1798cm)	60'-11" (1857cm)	64'-3" (1958cm)	67'-10" (2068cm)	
22	15'-4" (467cm)	19'-2" (584cm)	23'-0" (701cm)			56'-3" (1715cm)	58'-3" (1775cm)	60'-0" (1829cm)	61'-9" (1882cm)	63'-9" (1943cm)	67'-3" (2050cm)	71'-0" (2164cm)	
23	16'-0" (488cm)	20'-0" (610cm)	24'-0" (732cm)			58'-9" (1854cm)	60'-10" (1910cm)	62'-8" (1966cm)	64'-6" (1966cm)	66'-7" (2029cm)	70'-3" (2141cm)	74'-2" (2261cm)	
24	16'-8" (508cm)	20'-10" (635cm)	25'-0" (762cm)			61'-3" (1867cm)	63'-5" (1933cm)	65'-4" (1991cm)	67'-3" (2050cm)	69'-5" (2116cm)	73'-3" (2233cm)	77'-4" (2357cm)	
25	17'-4" (528cm)	21'-8" (660cm)				63'-9" (1943cm)	66'-0" (2012cm)	68'-0" (2073cm)	70'-0" (2134cm)	72'-3" (2202cm)	76'-3" (2324cm)	80'-6" (2454cm)	

Designer Notes:

- Overall height does not include the chair.
- Minimum closed depth for Integra is 4'-0" and 5'-6" for Prestige.
- Open depth does not include the front step.
- Closed depth may be increased by movable, forward fold or free-standing units, higher rows, columns, or rear filler panels. Please contact factory for additional information.
- Row spacing from 39" - 42" is available, contact factory for specific product application and limitations.
- Not all seating options are available with each dimensional category, contact factory for specific product application.





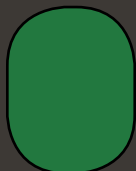
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