

Summit Auditorium Seat by Ohio Seating

100% Made in the U.S.A.

SECTION 12610 – FIXED AUDIENCE SEATING

PART 1: GENERAL SPECIFICATIONS

1.01 SCOPE: Provide, deliver and install fixed audience seating with upholstered seat and back, floor and/or riser mounted with fourteen (14) gauge steel tubular style end and center standards with meg welded closed seams, with gravity self-lifting seats which rise automatically to a uniform $\frac{3}{4}$ fold position. There will be approximately (QTY) chairs to be delivered and installed. Provide wheelchair spaces provided in compliance with ADA requirements.

1.02 BUILDING CONDITIONS: Do not install seating until space is enclosed and weatherproof. Space shall be complete and generally dry, all concrete work shall be complete including finish sanding and sealing. Installation of finishes including painting shall be complete along with other units of work above ceiling shall be complete.

1.03 QUALITY ASSURANCE: Codes, standards, specifications and recommendations of technical authorities, trade organizations and governmental agencies will refer to the latest edition of such publications adopted and published prior to submittal of the bid. All codes and standards will be considered a part of the specifications.

1.04 SUBMITTALS

- a. SHOP DRAWINGS: Seating plan developed from the contract drawings shall show the location of all chairs, sizes, wheelchair locations, aisle locations and installation details.
- b. SAMPLES: Provide owner samples of textures, materials and colors available within the grade specified herein.

PART 2: MATERIALS

2.01 PLASTIC COMPONENTS: Plastics shall be injection molded, high density, polyethylene with ultra-violet light inhibitors to retard fading. Color as selected by architect.

2.02 HARDWARE: All hardware used for assembling the seat will be rust resistant.

2.03 PADDING MATERIAL: Seat and back padding material shall be of molded polyurethane foam. Padding material shall comply with the flammability requirements outlined in California Technical Information Bulletin #117, Resilient Cellular Materials

2.04 METALS: 14 gauge steel.

2.05 WOOD: All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality.

2.06 FABRIC: Fabric and fabric color shall be selected from manufacturers standard color range.

PART 3: WARRANTY

- a. Ohio Seating warrants the Summit Seat for a period of five years from the date of shipment against manufacturing defects at the time of completion and signoff of job.

b. Replacements or repairs of the Summit Seat due to defects in manufacturing or materials are fully covered in this warranty. Normal deterioration of products due to weather, wear and tear, or other causes that do not affect functional use are not covered by Preferred Seating. Improper installation, assemblage, accidental incidents, abuse and vandalism are not covered in this warranty.

c. All warrantee problems must be arranged through Preferred Seating and have a warrantee authorization number before Preferred Seating sends a crew out to replace/repair any problem that may occur.

PART 4: CONSTRUCTION DETAILS

4.01 CHAIR

a. TYPE: Chair shall be floor/riser attached type with upholstered padded back and upholstered seat, steel pedestal type end and center standards, and shall have a mechanism for automatically lifting the seat to a uniform 3/4 folded position. The upholstered seats can be manually pushed back to a full fold position to allow for extra clearance when standing.

b. SIZES & BACK PITCHES: Chair sizes are available in 20", 21" or 22". The back pitches available standard shall be 18, 21 & 24 degrees. Varying sizes (laterally) of backs and seats shall be used in accordance with the approved seating layout.

4.02 UPHOLSTERED BACK: The back assembly shall consist of an upholstered inner back panel and an injection molded polypropylene plastic outer back panel providing a 29" long back and chair back height of 35". The upholstered inner back panel consists of wood with compound curves, a polyurethane molded foam pad 2" thick attached by to inner back by stapling fabric attaching tabs that are molded into the polyurethane pad and covered over the front with the specified fabric. Wings for attaching the back to the standards are 14-gauge steel and bolted to the inner back. The rear of the back is totally enclosed with an injection molded polypropylene plastic cover. The back is available in 20", 21" and 22" widths center armrest to center armrest.

4.03 UPHOLSTERED SELF-LIFTING SEAT: The seat assembly shall consist of an upholstered and padded surface, an injection molded polypropylene plastic seat pan and gravity assisted self rising seat to a 90 degree fold position when unoccupied. A seat cover is tailored from the specified fabric and upholstered over the molded polyurethane foam pad which is locked into place. The seat pivot mechanism is the essence of simplicity with no parts to wear or break. The seat is available in 20", 21" and 22" widths, center armrest to center armrest. The seat bottom and seat-lifting mechanism is totally enclosed by an injection molded polypropylene plastic seat pan. The multiple curves give the spectator long time support.

4.04 CENTER AND END STANDARD: Single steel standards shall be pedestal design, fabricated of 14 gauge, rectangular mig welded steel structural tube, with 14 gauge reinforced, embossed footplate, 14 gauge formed channel armrest bracket Standards are fixed to the floor or riser with 2 bolts. Armrest is securely adjoined to the 14 gage channel welded to the top of column.

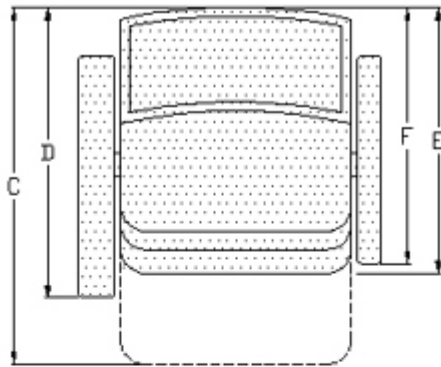
All end standards shall have a decorative end panel, fabric covered, plastic laminate, wood or cast iron. All intermediate standards shall have a matching upholstered panel between the top of the seat cushion and beneath the arm rest to separate each seat.

4.05 ARMRESTS: Armrests shall be constructed of plastic, solid hardwood stained to the finish selected, upholstered or cupholder. Armrests shall be made of polyethylene plastic and securely attached to the standards by means of screws concealed through the underside of the arm support bracket. Option:

4.07 OPTIONS: Aisle lights, ADA arms, Moveable bases.

PART 5: EXECUTION

- a. SCOPE OF WORK: The installation shall be performed by the successful bidder, under the direction of a capable installation superintendent, in a manner satisfactory to the Architect. The installation shall be turned over the owner with all chairs complete and ready to use.
- b. METHOD OF INSTALLATION: The seating plan shall be reproduced on the floor and/or risers, all dimensions checked against the approved seating plan and necessary adjustments made in the layout for all discrepancies.
- c. CLEANING: Remove all debris caused by this work from the premises.



DIMENSIONS (Description of dimensions)	DEGREE OF BACK PITCH		
	18°	22°	26°
A (Back Pitch Allowance)	9-1/2"	10-7/8"	12-1/8"
B (Overall Height)	35-5/8"	35"	34-1/8"
C (Seat in down position)	26-7/8"	28-1/4"	29-1/2"
D (Outside of back to front of end arm)	21-3/8"	22-3/4"	24"
E (Seat in up position)	19-3/8"	20-3/4"	22"
F (Outside of back to front of center arm)	18-5/8"	20"	21-1/4"

