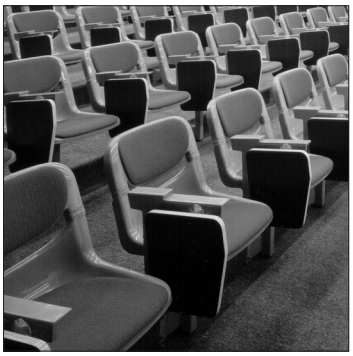
Specifications

Fixed Seating
Single Pedestal Seating



Scope
Seating shall be Single Pedestal Seating as manufactured by KI, Green Bay, WI.

Single Pedestal Seating shall be floor mounted on individual bases with or without tablet arms. Bases shall be floor or riser mounted. Floor mounted bases can accommodate sloped floors.

Compliance
"Single Pedestal Seating" shall be designed and manufactured in compliance with the intent of ANSI/BIFMA X5.4-1997. Seating shall exceed all applicable BIFMA performance test criteria.

General Conditions
Code Requirements - Compliance with the required local and national building and safety codes is the sole responsibility of the Owner/Architect/Contractor. Shop drawings are based on code requirements for assembly seating as found in the International Building Code. Code information above is offered for informational purposes only and strictly as a courtesy to the Owner/Architect/Contractor. This is in no way an assumption of duty on the part of KI relative to code interpretation and compliance. KI personnel are not trained for, nor are they experts at code compliance or interpretation.

Field Verification - Shop drawings incorporate building information compiled from various sources associated with this project and deemed as reliable. Conditions directly affecting the product or its installation must be field verified.

Drawing Review - Shop drawings are produced to assure compliance with the contract. Drawings must be reviewed by the Owner/Architect/Contractor, or other appropriate owner's representative. If drawings are correct, mark them as such; if incorrect, note corrections to be made and return to KI for corrections. Any deviations from the contract included in the shop drawing must be approved in writing from the Owner/Architect/Contractor. Drawing must be signed by authorized personnel including title, company or affiliation, and date. Manufacture of product shown is not scheduled until drawing review is complete and owner's authorized signature is received.

Materials
A. Bases
Individual square pedestal "Basic" bases shall be fabricated steel column, 11-gauge 1-1/2" x 2" seamless tubular steel for floor mounting or riser mounting installations. Vertical rectangular column shall be welded to a 6" x 8" die-formed 11-gauge flange which bolts to the floor or vertical face of the riser with four anchor bolts (not furnished). Seat shells shall be mounted to an 11-gauge stamped steel spider welded to the top of the column. Tablet arm supports shall be welded to the spider. Plastic flange covers shall be furnished on floor mounted bases only (not available on riser mount bases).

Optional individual oval single pedestal "Select" bases shall be fabricated oval steel column measuring 1.95" x 3.12" x 2mm for floor mounting installations. The oval column shall be welded to a die-formed 6" x 8" x 11-gauge flange which bolts to the floor with four anchor bolts (not furnished). Seat shells shall be mounted to stamped steel, 11-gauge spiders, welded to the top of the column. Tablet arm supports shall be welded to the seat spider. Plastic flange covers shall be furnished on the floor bases. Floor flanges can be furnished at specific angles to adapt to sloped floor requirements.

B. Tablet Arms
1. "G" Style Tablet Arm
Support shall be two 1 1/8" x 16-gauge steel tubes. The lower end of the tubes shall be welded to the steel seat spider. The 1" x 2" x 14-gauge support bracket is welded between the two vertical tubes and under the 11-gauge steel top plate. Two injection molded pivot cams mount to the support bracket and encompass a 5/8" diameter shaft containing a 3/16" x 7/8" hardened key stop. This assembly provides the total travel motion of the tablet, 0° (use position) to 175° (stored position). Welded to the shaft is a 7-gauge pivot plate having two steel hinge barrels, one which is keyed to restrict the tablet travel from 0° stored to 90° use position. This pivot bracket is assembled with a pin and spring to a hinged 7-gauge steel support plate measuring 2 1/4" x 9" x 7-gauge which in turn fastens to the tablet board with six #12 x 3/4" wood screws. The writing surface "G" style, shall be 9 1/8" x 18 1/8" x 13 3/4", constructed of 15mm, 11-ply Baltic birch plywood core, top faced with .050" HPL and backed with a .040" backer sheet. Edges shall be clear lacquer sealed. Right- and left-hand models with all standard laminate colors are available.

2. "K" Style Tablet Arm

Support shall be die cast aluminum alloy in finishes to match the frame. Rotating hinge shall be die cast aluminum with steel pins and springs. Folding mechanism shall have a minimum number of moving parts to prevent wear. Armrest shall be an integral part of the arm support. The cast aluminum support shall have jaws at 90° to the vertical support that match a steel adapter and are secured with four hex head bolts. The steel adapter shall be welded to a 1½" x ¾" nominal 14-gauge support tube which in turn is welded to the spider on the frame. Tablet arm shall roll up from the front and rotate forward into storage position at side of cast aluminum support.

Writing surface, "K" style, shall be 10" x 12" x 13⅛", 18mm Baltic Birch plywood core, 13 ply, surfaced with .050" high-pressure laminate pattern and .020" backer under-surface. Underside shall be routed to accept 3" x 3" hinge plate fastened to the wood with four sheet metal screws. Edges shall be lacquered and sealed. Right- or left-hand models shall be available. All standard laminate colors are available.

Optional oversize "K" writing surface - 9" x 12" x 16⅛". Same construction as above.

3. "S" Style Stationary Tablet Arm

Available with 1000 Series shell only. Vertical tubular support of 1⅛", 14-gauge steel is welded at the bottom to the seat spider under the shell. At the top, a steel plate is welded to the vertical support and secured with screws to the underside of the wood.

Writing Surface - 9½" x 20¾" x 12½". High-density particleboard core, ⅝" thick with plastic melamine surface. Right- or left-hand models available. Limited laminate colors available. Edge is painted to match laminate.

Optional oversize "S" writing surface - 10½" x 20½" x 17" plywood core ⅝" thick with .030" high-pressure laminate and plain under-surface. Right or left hand models available. Edges shall be lacquered and sealed.

4. "F" Style Flip-up Tablet Arm

Available with 1000 Series shell only. Vertical tubing, 1⅛" x 14-gauge, is welded to seat adapter or spider at the bottom. Formed steel hinge at the top of the vertical tubing allows the tablet arm wood to flip up for easy entrance or exit from the seat. Hinge is secured to wood with screws.

Writing Surface - 9½" x 20¾" x 12½". High-density particleboard core, ⅝" thick with plastic melamine surface. Right- or left-hand models available. Limited laminate colors available. Edge is painted to match laminate.

Optional oversize "F" writing surface - 10½" x 20½" x 17" plywood core ⅝" thick with .030" high-pressure laminate and plain under-surface. Right- or left-hand models available. Edges shall be lacquered and sealed.

5. Optional Plywood Core

⅝" thick, 11 plys of Northern hardwood surfaced with .030" high-pressure laminate pattern and plain undersurface, is available at a slight up-charge for S & F tablet arms. All standard laminate colors are available on plywood core tablet arms.

C. Shells

1. 1000 Series

One-piece molded seats and backrest design on high-impact polypropylene. Rolled edges and ribs under seat for extra strength. Nominal flex plus textured surfaces provide good posture support and discourage slouch seating. Four molded-in sills on underside of shell attach to spider with hi-lo screws. Upholstery available (See options below).

2. Dorsal

Two-piece injection-molded thermoplastic seat and backrest with textured seat and backrest surface, on front only. Seat and backrests are joined by a maintenance-free steel hinge with integral spring mechanism. The hinge to be covered with high-strength plastic bellows. Four molded-in sills on underside of seat attach to spider with hi-lo screws. Upholstery available (See options below).

3. Piretti Torsion

Seats and backrests are molded compound curved polypropylene with a textured finish. Seat is two piece construction. Upholstered chairs have partially exposed polypropylene surfaces. Fabric is upholstered over 9/16" foam on the backrest and 15/16" foam on the seat. Two die cast aluminum backrest supports attach the backrest to the Torsion mechanism. A steel tube is cast into each backrest support for added strength. The back flex is achieved by the Torsion mechanism. It consists of two flat torsion springs captured at both ends by brass bushings which in turn engage with the backrest supports. The Torsion mechanism creates gradually increasing resistance over the full 12° of back flex.

4. Piretti Stack

Seats and backrests shall be molded compound curved polypropylene with a textured finish. Backrest edges shall have an integral channel into which upholstery is secured. Upholstered chairs shall have partially exposed polypropylene surfaces. Upholstery covers ½" foam on the backrest and ¾" foam on the seat. Molded plastic seat liner covers the seat underside. The back shall tilt 15°. Two hidden lever mechanisms which respond to the user's weight shall be located in the seat. Each has a double cam action. The rear cam shall be tied to the back structure and shall be set in motion when the occupant leans back. This, in turn, through a spring linkage, shall activate the front cam at a slightly different ratio (1½ to 1). The mechanism shall consist of stamped steel frame and levers, a steel spring and molded Delrin and nylon components. It shall be calibrated at the factory and shall need no further adjustment.

5. Piretti 2000 Task

Seat and back innerstructure shall be constructed of 1/2" thick 7-ply plywood. Molded foam shall be glued to the plywood and covered with upholstery fabric. A molded plastic seat liner shall cover the seat underside, and a molded plastic back shroud shall cover the back of the chair. A fully upholstered back is also available. An adjustable height back shall be available as standard allowing 2 1/4" of vertical travel in five incremental steps, which shall lock and unlock automatically without levers. Two hidden lever mechanisms which respond to the user's weight shall be located in the seat to provide back articulation. Each has a double cam action. The rear cam shall be tied to the back structure and shall be set in motion when the occupant leans back. This, in turn, through a spring linkage, shall activate the front cam at a slightly different ratio (1 1/2 to 1). The mechanism shall consist of stamped steel frame and levers, a steel spring and molded Delrin and nylon components. It shall be calibrated at the factory and need no further adjustment.

6. Optional Upholstery Pads

1000 Series and Dorsal shells. Fixed seat cushion or fixed seat and back cushions are mechanically fastened to front of shell. Foam padded with upholstery cover.

D. Colors

Frame finishes - Powdercoat finish is standard on all frames in a choice of black, sand, warm grey, and blue grey. Plastic components match the four standard powdercoat colors. Standard KI fabrics available; c.o.m. (customer's own material) fabrics require factory approval.

E. Options

Bookracks - Chrome wire bookracks are available.

Floor Mounting Requirements

Minimum Construction Required for Upright Installation

Wood Floors

- Minimum two layers of 3/4" thickness tongue & groove
- APA rated grade plywood
- Allow minimum embedment 1 1/2" with leg screws
- Use toggle bolt if less than 1 1/2" embedment

Concrete Floors

- 3000 psi concrete compressive strength
- 3" thick free of obstructions for 1 1/2"
- 4" thick for riser mount free of obstructions for 2 1/2"
- Riser to be plumb within 1/8 degree
- Minimum anchor embedment 1 1/2"

Note: Warranty null and void if KI product is installed on flooring not meeting minimum structural requirements stated above.

Floor Fastener Requirements

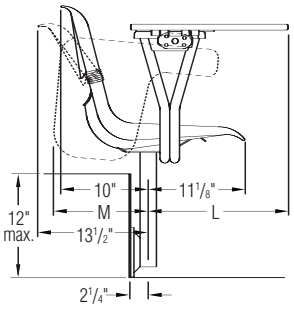
Wood Floors

- 5/16" x 1 3/4" lag bolts; grade 5
- 5/16" flat washers
- 3/8" toggle bolts
- Four bolt assemblies required per base

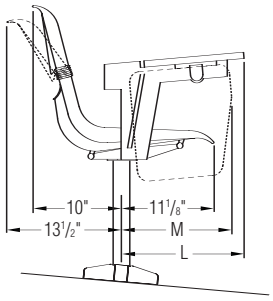
Concrete Floors

- 5/16"-18 or 3/8"-16 grade 5 expansion anchors
- Standard flat washers, plated
- LockTite (red) thread lock or equal
- Four screw assemblies required per base

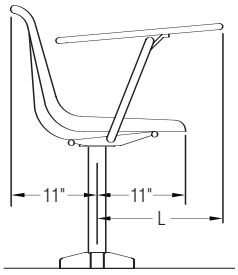
Note: Floor mounting fasteners are not provided.



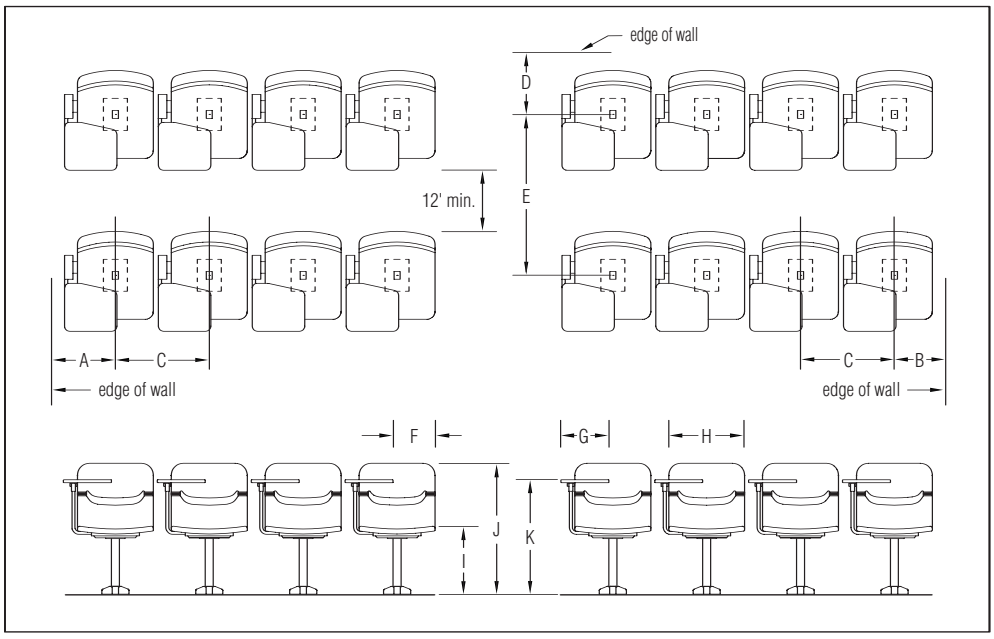
Model RPDS, Dorsal®
"G" Tablet, Riser Mount



Model FPDS, Dorsal®
"K" Tablet, Sloped Floor Mount



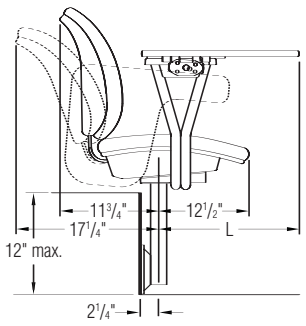
Model FPDS, 1000 Series,
"S" Tablet, Flat Floor Mount



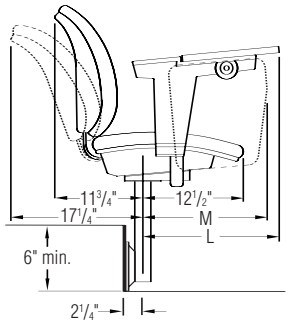
Dimensions

Seat	Tablet	A	B	C	D	E	F	G	H	I	J	K	L	M
1000 Series	K	15"	12"	22"	12"	37"	9⅛"	13"	18¼"	17¼"	30½"	28¾"	14"	12½"
	G	15"	12"	23"	16"	39½"	9⅛"	11⅞"	18¼"	17¾"	31"	29"	16⅛"	10⅞"
	F	15"	12"	22"	12"	37½"	9⅛"	12½"	18¼"	17¼"	30½"	28¾"	14½"	N/A
	S	13½"	16"	27"	12"	37½"	9⅛"	11¼"	18¼"	17¼"	30½"	29"	14½"	N/A
Dorsal®	K	15"	12"	22"	16"	38½"	9½"	13"	19"	17½"	31"	29"	16½"	14¾"
	G	15"	12"	23½"	16"	39"	9½"	11⅞"	19"	17⅜"	31⅜"	29"	16⅛"	10⅞"

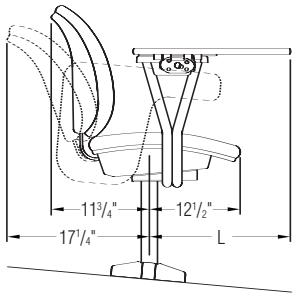
Subject to change without notice.



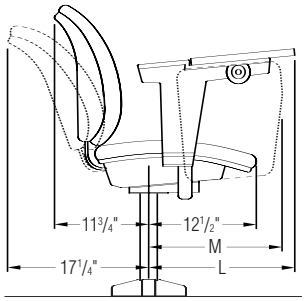
Model RPDS, Piretti 2000 Task "G" Tablet, Riser Mount



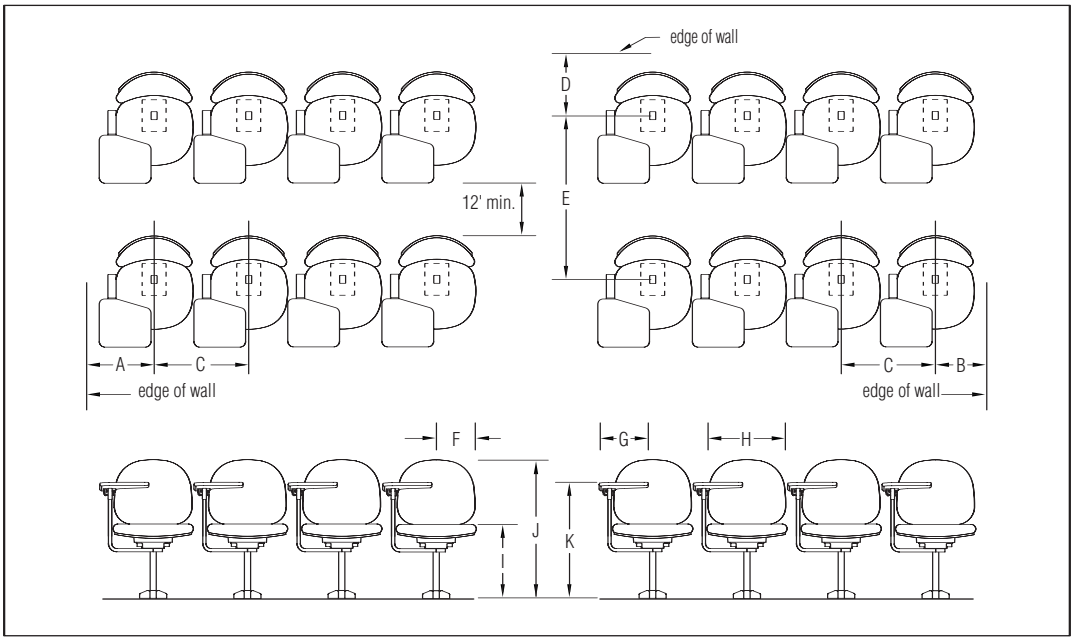
Model RPDS, Piretti 2000 Task "K" Tablet, Riser Mount



Model FPDS, Piretti 2000 Task "G" Tablet, Sloped Floor Mount



Model FPDS, Piretti 2000 Task "K" Tablet, Flat Floor Mount



Dimensions

Seat	Tablet	A	B	C	D	E	F	G	H	I	J	K	L	M
Piretti® Stack	K	15"	11"	22½"	16"	39"	8¾"	13"	17½"	17⅝"	31¼"	28⅞"	16¾"	14½"
	G	15"	11"	23½"	16"	38¼"	8¾"	11⅞"	17½"	17⅝"	31⅞"	28¾"	16"	10⅞"
Piretti® 2000 Task	K	15"	12"	23½"	17½"	41⅛"	10"	13¾"	20"	17¾"	33⅞"	28⅝"	17⅜"	15"
	G	15"	12"	23½"	17½"	40⅜"	10"	12⅝"	20"	17¾"	33⅞"	28⅞"	16⅝"	10⅞"
Piretti® Torsion	K	15"	12"	23¼"	17"	40¾"	9⅛"	13½"	18¼"	18"	32½"	28¾"	17"	14½"
	G	15"	12"	23"	17"	40¾"	9⅛"	11⅞"	18¼"	18"	32½"	29"	17"	10⅞"

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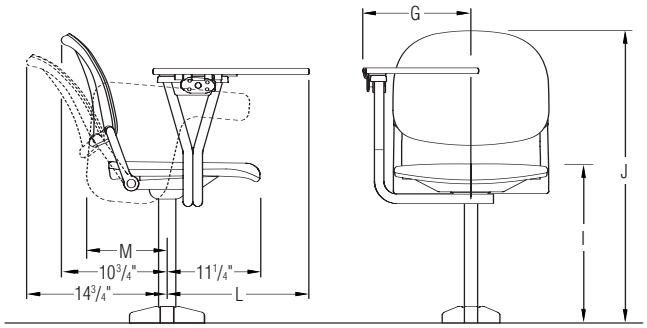
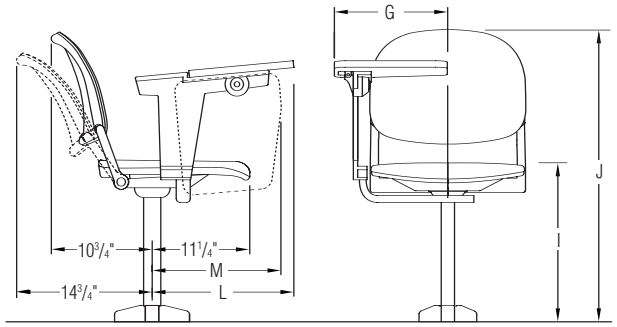
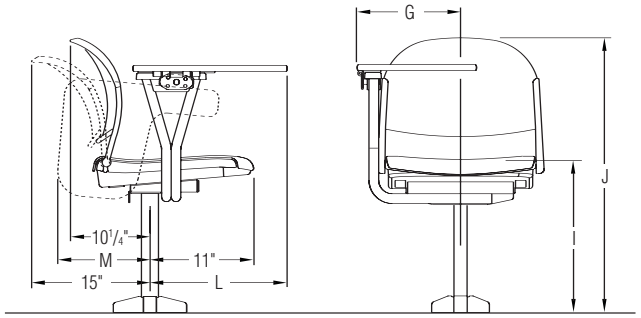


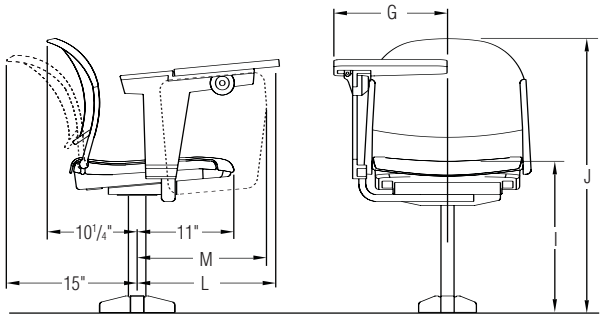
Piretti Torsion with "G" Tablet



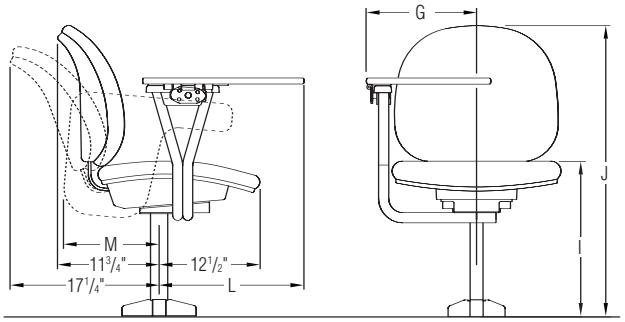
Piretti Torsion with "K" Tablet



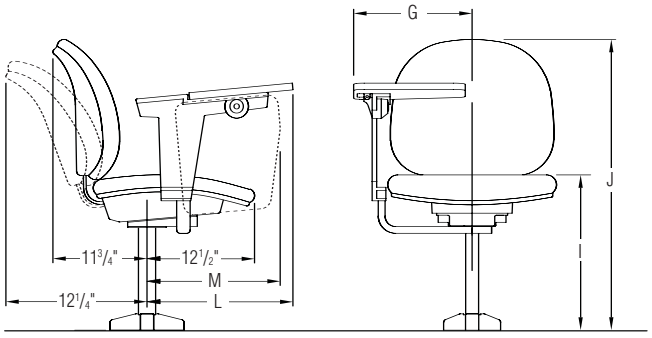
Piretti Stack with "G" Tablet



Piretti Stack with "K" Tablet



Piretti 2000 Task with "G" Tablet



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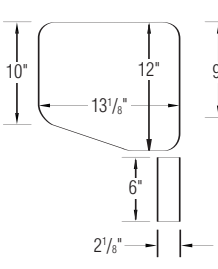
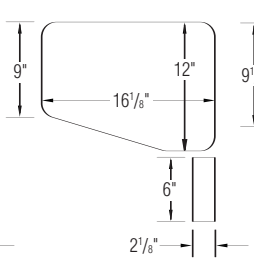
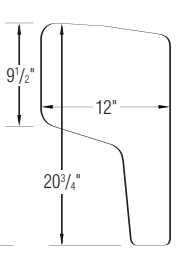


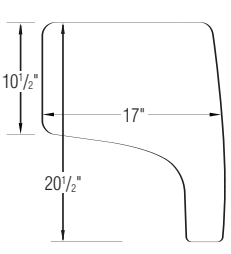
"K" Tablet
Plywood Core



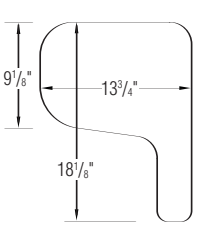
Oversize "K" Tablet
Plywood Core



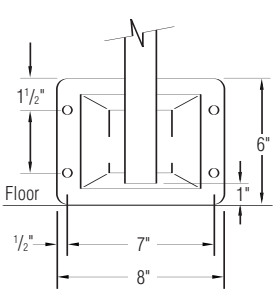
"F" & "S" Tablets
Solid Core



Oversize "F" & "S" Tablets
Plywood Core



"G" Tablet
Plywood Core



Riser Mount Flange
6" min. to 12" max. riser height

You make the rules.
We make the rest.®

Of course KI solutions work better for you. They're made for you. No one pays more attention to customer needs than we do. We don't design our furniture to win awards (even though it does). We don't rely on one-size-fits-all solutions (even though they would make our life easier). We find out what you need. And, we make it. The same applies to our service, distribution channels ... everything we do. It's all built around knowing what you want and giving you the choice. KI solutions work, because we're working for you.

KI
1330 Bellevue Street
P.O. Box 8100
Green Bay, Wisconsin 54308-8100
1-800-424-2432
www.ki.com

Litho in USA.
Code KI-60515R3/KI/GT/405

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