

Product Specification

Revision: 2016-D
Revision date: March 2016



VIP Series – Premium Seating features:

- Rocker movement (back and seat movement)
- Lounger motion (back movement)
- Fixed or self-lifting seat return mechanism
- Dual pedestal design
- Options for armrests:
 - Fixed
 - Retractable center armrest (optional)
- Service tables with swivel mechanism or fixed

VIP series components:

- **Steel** parts are die stamped or rolled, joined by MIG welding and steel hardware. All metal parts are finished with epoxy powder coating which offers optimum protection.
- **Wood** parts are available in a variety of stains and lacquers, giving them a distinctive touch.
- **Injected molded** parts, such as outer backs and cup holders, are made of high impact polypropylene.
- **Polyurethane** foams are manufactured to consistent physical properties to provide maximum comfort and comply with California Flammability TB 117.
- Chairs are **upholstered** with quality fabrics which comply with California Flammability TB 117.

Lifetime warranty on gravity seat return mechanism.

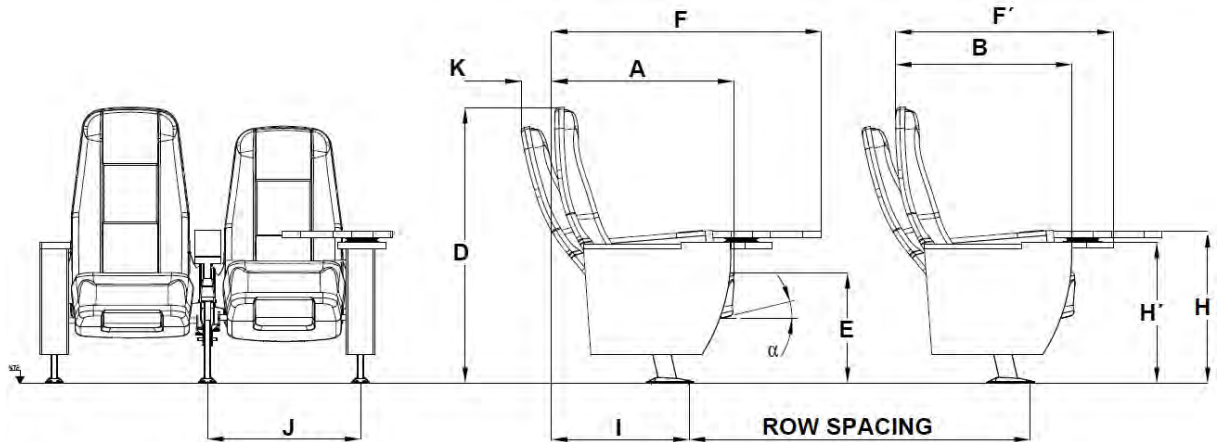
Five year warranty in material and workmanship.

Fabric warranty per mill's guarantee.

Back Style			

Models



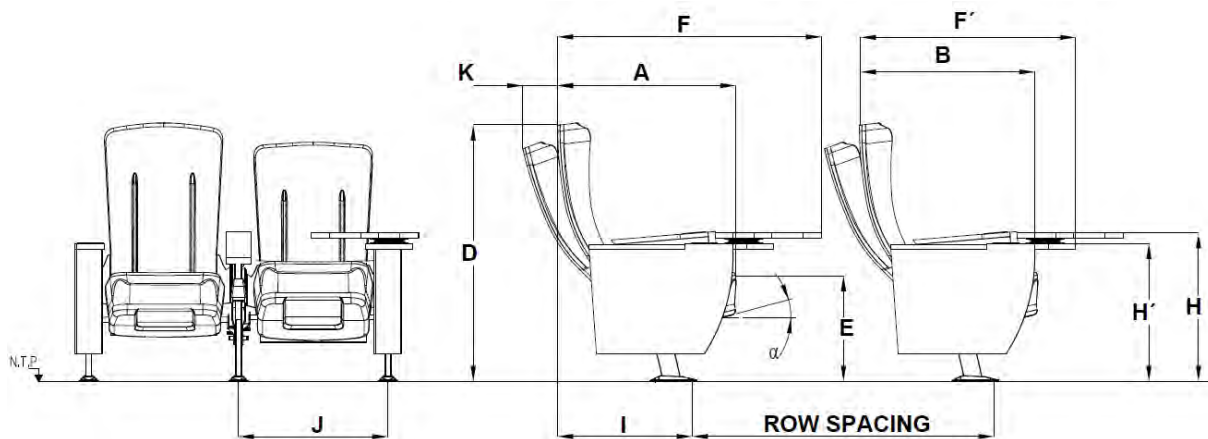


Back Pitch mm [in]									
Back Height 40"				Back Height 42"			Back Height 44"		
	30°	25°	20°	30°	25°	20°	30°	25°	20°
A	819 [32 ¼]	724 [28 ½]	679 [26 ¾]	806 [31 ¾]	749 [29 ½]	692 [27 ¼]	832 [32 ¾]	768 [30 ¼]	705 [27 ¾]
B	813 [32]	718 [28 ¼]	673 [26 ½]	800 [31 ½]	743 [29 ¼]	686 [27]	826 [32 ½]	762 [30]	698 [27 ½]
D	1003 [39 ½]	1029 [40 ½]	1054 [41 ½]	1054 [41 ½]	1079 [42 ½]	1105 [43 ½]	1092 [43]	1118 [44]	1143 [45]
E	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]
F	1182 [46 ½]	1143 [45]	1111 [43 ¾]	1207 [47 ½]	1182 [46 ½]	1156 [45 ½]	1232 [48 ½]	1207 [47 ½]	1182 [46 ½]
F'	922 [36 ¼]	889 [35]	883 [34 ¾]	946 [37 ¼]	922 [36 ¼]	895 [35 ¼]	972 [38 ¼]	946 [37 ¼]	922 [36 ¼]
H	630 [24 ¾]			630 [24 ¾]			630 [24 ¾]		
H'	584 [23]			584 [23]			584 [23]		
I	634 [24 ¾]	571 [22 ½]	520 [20 ½]	641 [25 ¼]	583 [23]	526 [20 ¾]	653 [25 ¾]	590 [23 ¼]	520 [20 ½]
K	76 [3]			76 [3]			76 [3]		
	127 [5]			127 [5]			127 [5]		
* Dimensions A,B, I and K have a tolerance of ± 3/8". * A. Distance taken from outer back to seat. * B. Distance taken from outer back to panel. * F'. Distance taken in table VIP in used.				Riser Height mm [in]			Size Line mm [in]		
							Rocker		
				127 [5] - 203 [8]			483 [19]		
				229 [9] – 254 [10]			508 [20]		
				279 [11] - 305 [12]			533 [21]		
				381 [15] - 457 [18]			559 [22]		
				483 [19] – 533 [21]			571 [22 ½]		
				Wall			750 [29 ½]		

Chair Type		(J) Chair width mm [in]		Minimum Radius m [in]	Row Spacing**		Riser (min.8" – max. 18")	Cantilever	Slopes
		635 [25]	660 [26]		With Service table*	With Standard Panel			
Rocker	Retractable Armrest	A	A	14.00m [551"]	F' + K + 12"	A + K + 12"	A	N	0, 2, 4 R2, R4
	Fixed Armrest	A	A						R= Reverse

** Please verify your specific local egress requirement.

* The dimensions are made in reference to the table VIP 113 model. The dimensions change, if a different service table is used so you should be evaluated the engineering department.

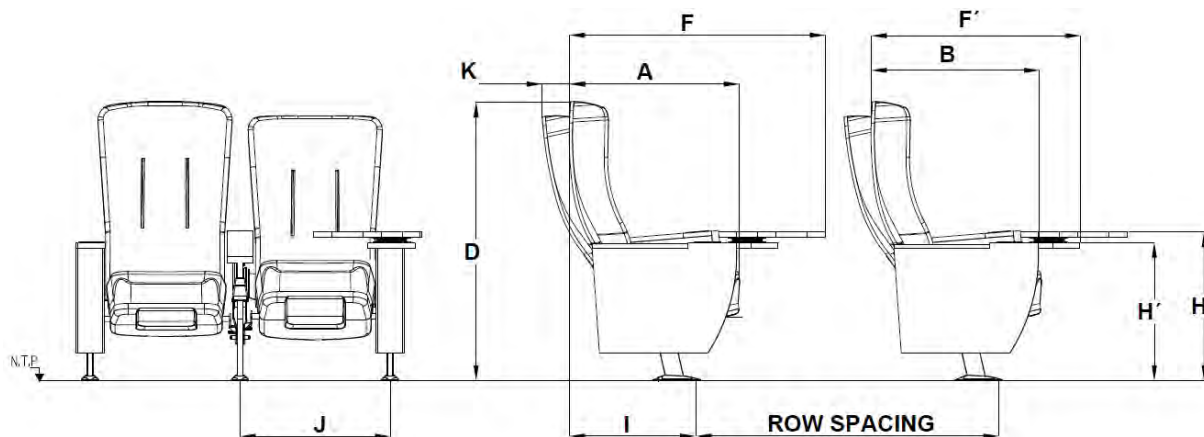


Back Pitch mm [in]									
Back Height 40"				Back Height 42"			Back Height 44"		
	30°	25°	20°	30°	25°	20°	30°	25°	20°
A	819 [32 ¼]	724 [28 ½]	679 [26 ¾]	820 [32 ¼]	762 [30]	692 [27 ¾]	838 [33]	775 [30 1/2]	711 [28]
B	813 [32]	718 [28 ¼]	673 [26 ½]	800 [31 ½]	743 [29 ¼]	686 [27]	826 [32 ½]	762 [30]	698 [27 ½]
D	1003 [39 ½]	1029 [40 ½]	1054 [41 ½]	1066 [42]	1092 [43]	1118 [44]	1092 [43]	1118 [44]	1143 [45]
E	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]
F	1182 [46 ½]	1143 [45]	1111 [43 ¾]	1219 [48]	1194 [47]	1168 [46]	1232 [48 ½]	1207 [47 ½]	1182 [46 ½]
F'	922 [36 ¼]	889 [35]	883 [34 ¾]	959 [37 ¾]	933 [36 ¾]	908 [35 ¾]	972 [38 ¼]	946 [37 ¼]	922 [36 ¼]
H	630 [24 ¾]			630 [24 ¾]			630 [24 ¾]		
H'	584 [23]			584 [23]			584 [23]		
I	634 [24 ¾]	571 [22 ½]	520 [20 ½]	641 [25 ¼]	583 [23]	526 [20 ¾]	653 [25 ¾]	590 [23 ¼]	520 [20 ½]
K	76 [3]			76 [3]			76 [3]		
	127 [5]			127 [5]			127 [5]		
* Dimensions A,B, I and K have a tolerance of ± 3/8". * A. Distance taken from outer back to seat. * B. Distance taken from outer back to panel. * F'. Distance taken in table VIP in used.				Riser Height mm [in]			Size Line mm [in]		
							Rocker		
				127 [5] - 203 [8]			483 [19]		
				229 [9] – 254 [10]			508 [20]		
				279 [11] - 305 [12]			533 [21]		
				381 [15] - 457 [18]			559 [22]		
				483 [19] – 533 [21]			571 [22 ½]		
				Wall			750 [29 ½]		

Chair Type		(J) Chair width mm [in]		Minimum Radius m [in]	Row Spacing**		Option		Slopes
		635 [25]	660 [26]		With Service table*	With Standard Panel	Riser (min.8" – max. 18")	Cantilever	
REYNA	Retractable Armrest	A	A	14.00m [551"]	F' + K + 12"	A + K + 12"	A	N	0, 2 R2
	Fixed Armrest	A	A						R= Reverse
EMPIRE	Retractable Armrest	N	N						0, 2 R2
	Fixed Armrest	A	N						R= Reverse

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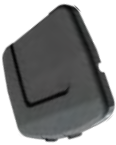
Back Pitch mm [in]								
Back Height 42"				Back Height 44"				
	30°	25°	20°	30°	25°	20°		
A	844 [33 ¼]	787 [31]	730 [28 ¾]	864 [34]	800 [31 1/2]	737 [29]		
B	812 [32]	781 [30 ¾]	723 [28 ½]	887 [33 ¾]	793 [31 ¼]	692 [27 ¼]		
D	1066 [42]	1092 [43]	1118 [44]	1092 [43]	1118 [44]	1143 [45]		
E	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]	445 [17 ½]		
F	1244 [49]	1194 [48]	1193 [47]	1257 [49 ½]	1232 [48 ½]	1207 [47 ½]		
F´	984 [38 ¾]	959 [37 ¾]	933 [36 ¾]	997 [39 ¼]	972 [38 ¼]	946 [37 ¼]		
H	630 [24 ¾]			630 [24 ¾]				
H´	584 [23]			584 [23]				
I	660 [26]	596 [23 ½]	545 [21 ½]	679 [26 ¾]	622 [25 ½]	564 [22 ¼]		
K	76 [3]		76 [3]	76 [3]				
	127 [5]		127 [5]	127 [5]				
* Dimensions A,B, I and K have a tolerance of ± 3/8". * A. Distance taken from outer back to seat. * B. Distance taken from outer back to panel. * F´. Distance taken in table VIP in used.			Riser Height mm [in]	Size Line mm [in]				
			Rocker					
			127 [5] - 203 [8]			495 [19 ½]		
			229 [9] – 254 [10]			520 [20 ½]		
			279 [11] - 305 [12]			546 [21 ½]		
			381 [15] - 457 [18]			571 [22 ½]		
			483 [19] – 533 [21]			584 [23]		
			Wall			762 [30]		

Chair Type		(J) Chair width mm [in]		Minimum Radius m [in]	Row Spacing**		Option		Slopes
		635 [25]	660 [26]		With Service table*	With Standard Panel	Riser (min.8" – max. 18")	Cantilever	
EMPIRE LUX	Retractable Armrest	A	A	14.00m [551"]	F' + K + 12"	A + K + 12"	A	N	0, 2 R2
	Fixed Armrest	A	A						R= Reverse

** Please verify your specific local egress requirement.

* The dimensions are made in reference to the table VIP 113 model. The dimensions change, if a different service table is used so you should be evaluated the engineering department.

Back								Observations and Restrictions
Model	Chair Type		Foam	Outer Back		Base		- Foam density can not be modified. - Back height can not be modified - When using wooden outerback, the base would be wooden.
	Rocker	Lounger	Molded 55 [Kg/m3]	Plastic	Wood ^{1, 2, 4}	Plastic	Wood	
Designer	Y	A	Y	Y	A	Y	A*	
Director	Y	A	Y	Y	N	Y	N	
Sorrento	Y	A	Y	Y	N	Y	N	
Reyna	Y	A	Y	N	Y	N	Y	
Empire Lux	Y	A	Y	N	Y	N	Y	
Empire	Y	A	Y	Y	Y	N	Y	

Seat								Observations and Restrictions
Chair Type	Seat Return			Seat Pan Cover		Foam Type	 Seat assembly cover with air vents.	• Cold molded foam is 60 Kg./m³ • Foam density cannot be modified. • Counterbalance tip up mechanisms is made of steel strip of 3/8" x 1 ½". • Available stitching #99 (2 pleats) • Seat cover with cinch lock for easy maintenance.
				Plastic		Wood ^{1,2}		
	Fixed	90%	100%	Normal	Acoustic			
Rocker	Y	Y	N	Y	A	A		
Lounger	Y	Y	N	Y	A	A	Y	

Armrest Configuration				Observations and Restrictions
Chair Type	Fixed	Retractable Armrest	Armless	ADA end panel will retractable
Rocker	N	Y	N	
Lounger	N	Y	N	

Aisle Panels			Observations and Restrictions
Chair Type	Epic VIP 527	ADA 565	End panels available without service table
Rocker	Y	Y	
Lounger	Y	Y	

Y= Standard

A = Additional Cost

N = Not Available

Specifications subject to change without notice

Armrests and Cupholders										Observations and Restrictions
Chair Type	Component	15" IISA Cupholder	18" IISA Cupholder	15" SC Cupholder	18" SC Cupholder	Fully Upholstered Retractable ^{1,5}	Fully Upholstered Fixed ^{1,5}	Cup Holder Luxury 2001	Cup Holder CY-Young Euro Cup	Large armrest or 18" cup holders available on center fixed standards only
		216	216	217	217	211	212	222	223	
Rocker	Center	Y	N	Y	N	Y	Y	Y	Y	
	Aisle	N	N	N	N	N	N	N	N	
Lounger	Center	Y	N	Y	N	Y	Y	Y	Y	
	Aisle	N	N	N	N	N	N	N	N	

Accessories										Observations and Restrictions
Chair Type	Component	Fixed Table 1, 2, 3, 4, 6	Fixed Service Table (120) 1, 2, 3, 5	Swivel Table 1, 2, 3, 4	Number and Letter Plates	Concealed Aisle Light	Aisle Light (end panel)	Movable Base	Embroidery	- Available swivel tables: 106, 112, 113 Extended Swivel (tables of wood with laminate). 122 Premium serve - No lights available on ADA end panel. - Only use of Tivoli light for end panels - The movable bases only available on single and double chairs
Rocker	Back	N	N	N	N	N	N	N	Y	
	Seat	N	N	N	Y	N	N	N	Y	
	Center	Y	Y	Y	Y	N	N	Y	N	
	Aisle	Y	Y	Y	Y	Y	Y	Y	N	
Lounger	Back	N	N	N	N	N	N	N	Y	
	Seat	N	N	N	Y	N	N	N	Y	
	Center	Y	Y	Y	Y	N	N	Y	N	
	Aisle	Y	Y	Y	Y	Y	Y	Y	N	

Materials	
Metal Components parts (SAE 1010 0 1018): 1" x 3" (25mm x 76mm) rectangular tube structure. - Sheet metals (vary). Wood Components: - Plywood (panels)	Others: - High impact polypropylene copolymer (seat frame, outer back) - Polyurethane (foam-meets California Bulletin 117) - High grade fabrics (meets California Bulletin 117) - Powder coat paints (meets ASTM and qualicoat standards)
General Finishes	
¹ Fully Upholstered / ² Laminated / ³ Painted / ⁴ Stained	

Y= Standard

A = Additional Cost

N = Not Available

Specifications subject to change without notice