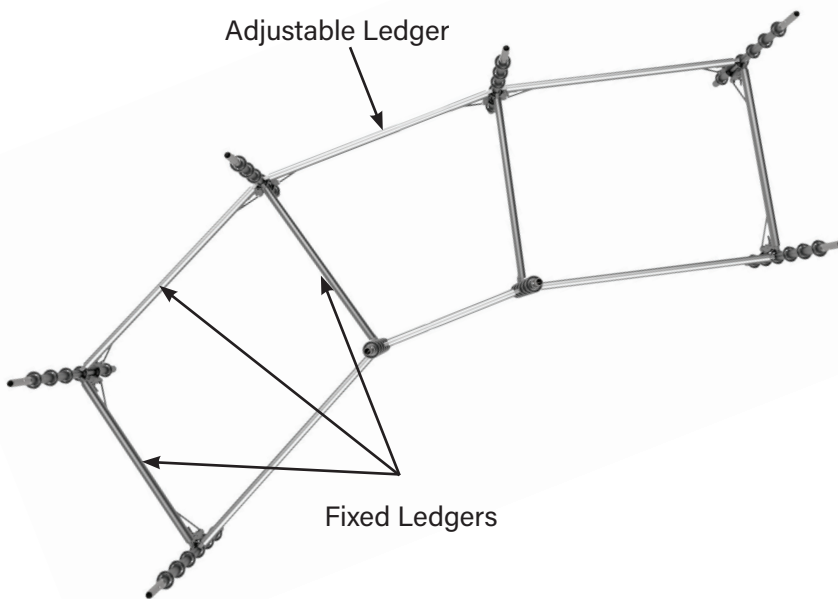


EXCEL MODULAR ADJUSTABLE BEARER

Part Number	Description	Minimum Post Spacing (inches)	Maximum Post Spacing (inches)	Weight Galvanized (lbs.)
TPB36	36" to 48" Adjustable Bearer	36	47	12
TPB48	48" to 60" Adjustable Bearer	48	59	17
TPB60	60" to 72" Adjustable Bearer	60	71	20
TPB72	72" to 84" Adjustable Bearer	72	83	23
TPB84	84" to 96" Adjustable Bearer	84	95	26
THL96	96" to 108" Adjustable Ledger	96	107	32



Adjustable bearers are designed to provide deck support between two (2) self-supporting scaffold structures where traditionally only tube and clamp could be used. They may also be used to create odd-sized scaffolds (ex: 5 feet x 6 ½ feet).

MATERIAL SPECS:

1. Outer tubing is 1.90 diameter, 11-gauge (0.120 wall), high-strength, minimum 65,000 yield, and 75,000 tensile.
2. Inner tubing is 1.625 diameter, 11-gauge (0.120 wall), high-strength, minimum 65,000 yield, and 75,000 tensile.



CAUTION: There is a pinch point when closing the trigger and where the parts telescope.



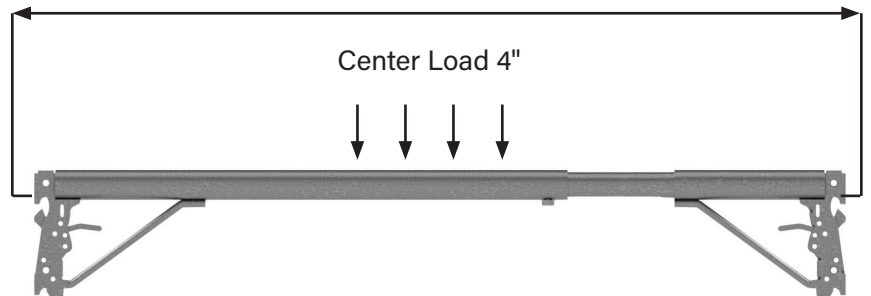
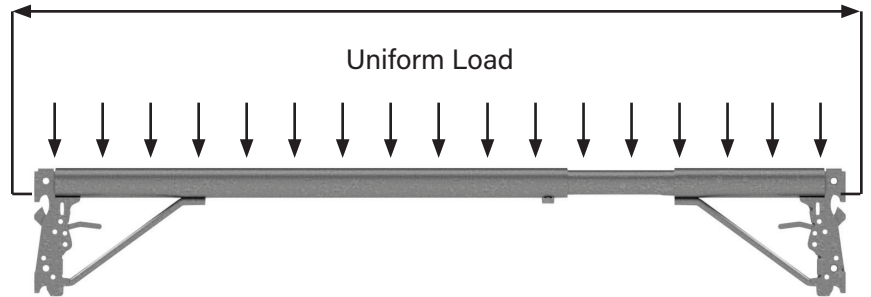
WARNING: Adjustable bearers provide limited longitudinal support.

Intermediate horizontal adapters may only be placed on adjustable bearers if designed by an engineer.

**All material must be inspected prior to use!
See inspection guidelines on page 112.**

EXCEL MODULAR ADJUSTABLE BEARER (CONT'D)

Part Number	Description	Allowable Center Load (lbs.)	Allowable Uniform Load When Fully Extended (lbs./ft.)
TPB36	36" to 48" Adjustable Bearer	812	406
TPB48	48" to 60" Adjustable Bearer	625	250
TPB60	60" to 72" Adjustable Bearer	750	250
TPB72	72" to 84" Adjustable Bearer	687	196
TPB84	84" to 96" Adjustable Bearer	618	155
THL96	96" to 108" Adjustable Ledger	562	125



BUILD NOTES:

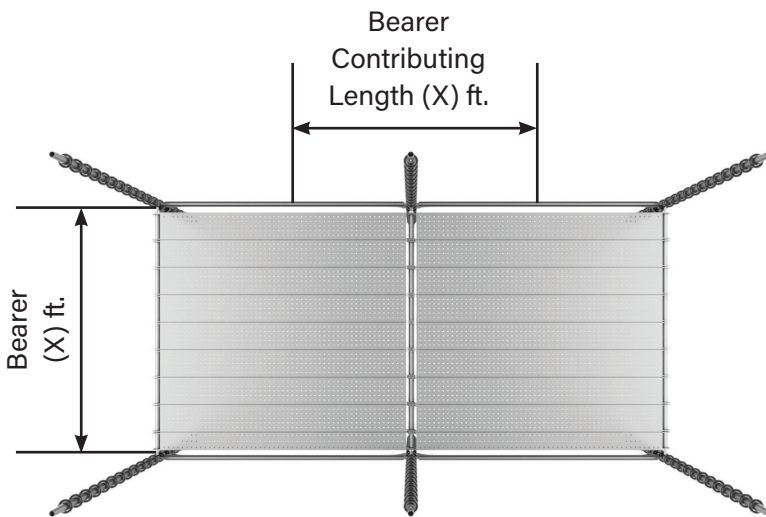
1. Vertical leg may be the limiting load carrying member.
2. Center load is applied to the center four (4) inches of the bearer or ledger.

**All material must be inspected prior to use!
See inspection guidelines on page 112.**

EXCEL MODULAR ADJUSTABLE BEARER (CONT'D)

Bearer	Ledger Length											
		PB24	PB32	PB36	PB42	PB48	PB60	PB72	PB84	HL96	HL108	HL120
	Length (inches)	24	32	36	42	48	60	72	84	96	108	120
TPB36	47	203	152	135	116	102	81	68	58	51	45	41
TPB48	59	125	94	83	71	63	50	42	36	31	28	25
TPB60	71	125	94	83	71	63	50	42	36	31	28	25
TPB72	83	98	74	65	56	49	39	33	28	25	22	20
TPB84	95	77	58	52	44	39	31	26	22	19	17	15
THL96	107	62	47	42	36	31	25	21	18	16	14	12

Chart shows the total allowable load per square foot (live load + dead load).
 Chart shows worst case scenario— adjustable bearer fully extended.



Continuous-Run Scaffold

All areas below 25 lbs./sq. ft. (in yellow) do not meet OSHA requirements for a light-duty scaffold. OSHA 1926.451 (a) 6 in conjunction with non-mandatory Appendix A, define uniform loads for scaffold types.

BUILD NOTES:

1. Bearer supports the boards.
2. Deck planking or vertical members may be the limiting load carrying member.



WARNING: Additional bracing is required for areas in yellow. Please consult with your qualified person and/or engineer.

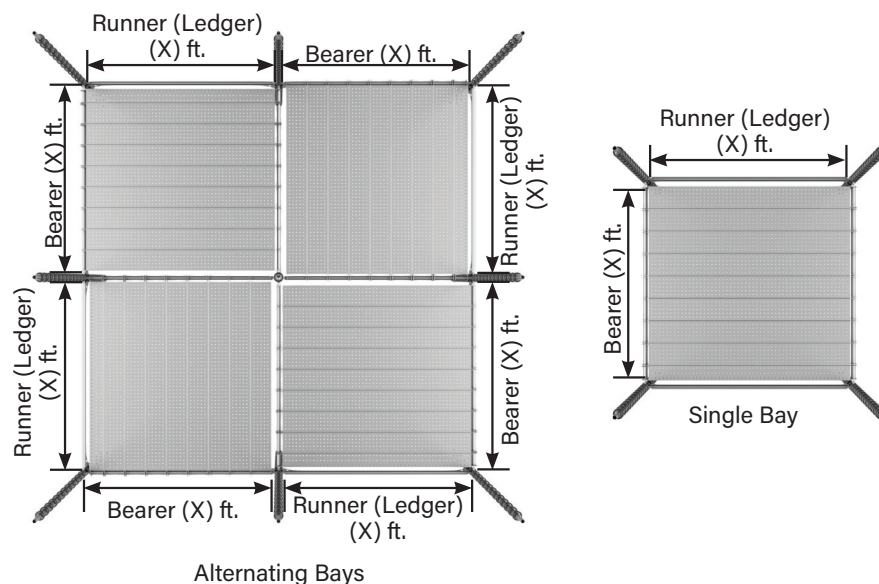
All material must be inspected prior to use!
 See inspection guidelines on page 112.

EXCEL MODULAR ADJUSTABLE BEARER (CONT'D)

Bearer	Ledger Length											
		PB24	PB32	PB36	PB42	PB48	PB60	PB72	PB84	HL96	HL108	HL120
	Length (inches)	24	32	36	42	48	60	72	84	96	108	120
TPB36	47	406	305	271	232	203	162	135	116	102	90	81
TPB48	59	250	188	167	143	125	100	83	71	63	56	50
TPB60	71	250	188	167	143	125	100	83	71	63	56	50
TPB72	83	196	147	131	112	98	79	65	56	49	44	39
TPB84	95	155	116	103	88	77	62	52	44	39	34	31
THL96	107	125	94	83	71	62	50	42	36	31	28	25

Chart shows the total allowable load per square foot (live load + dead load).

Chart shows worst case scenario—adjustable bearer fully extended.



All areas below 25 lbs./sq. ft. do not meet OSHA requirements for a light-duty scaffold. OSHA 1926.451 (a) 6 in conjunction with non-mandatory Appendix A, define uniform loads for scaffold types.

BUILD NOTES:

1. Bearer supports the boards.
2. Deck planking or vertical members may be the limiting load carrying member.

**All material must be inspected prior to use!
See inspection guidelines on page 112.**