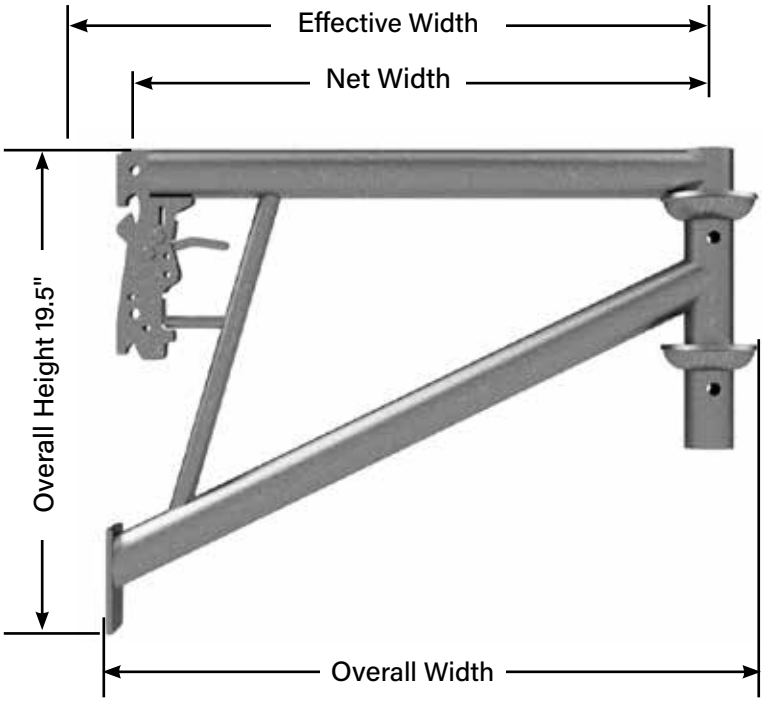
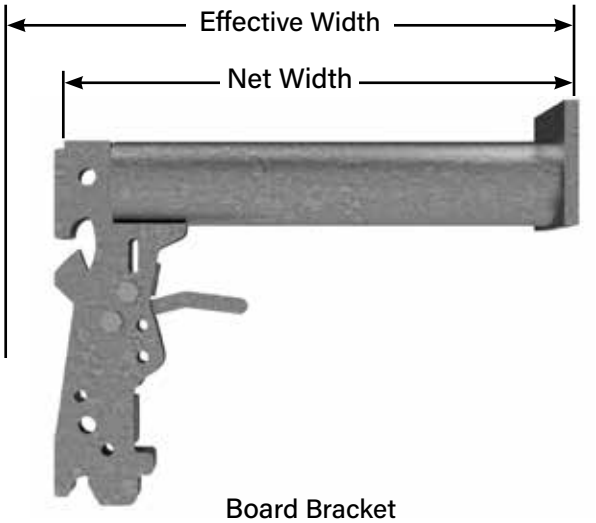
EXCEL MODULAR BOARD BRACKET AND SIDE BRACKET

Part Number	Description	Effective Width (inches)	Net Width (inches)	Overall Width	Overall Height	Weight Galvanized (lbs.)
BB12	12" Board Bracket	12	11	—	—	4.8
BB12-L	12" Board Bracket Locking	12	11	—	—	5
SB24	2' Side Bracket (with pin)	24	20.5	26	19.5	14.5
SB32	32" Side Bracket (with pin)	32	30.5	34	19.5	21.2
SB36	3' Side Bracket (with pin)	36	34.5	38	19.5	23.3



Side Bracket



Board Bracket

Excel side brackets provide an easy alternative to secure knee-outs from one (1) to three (3) feet.

The only difference between the two board brackets is the 12-inch board bracket locking has a locking pin to hold the boards down.

MATERIAL SPECS: All tubing is 1.90 diameter, 11-gauge (0.120 wall), high-strength, minimum 65,000 yield, and 75,000 tensile.

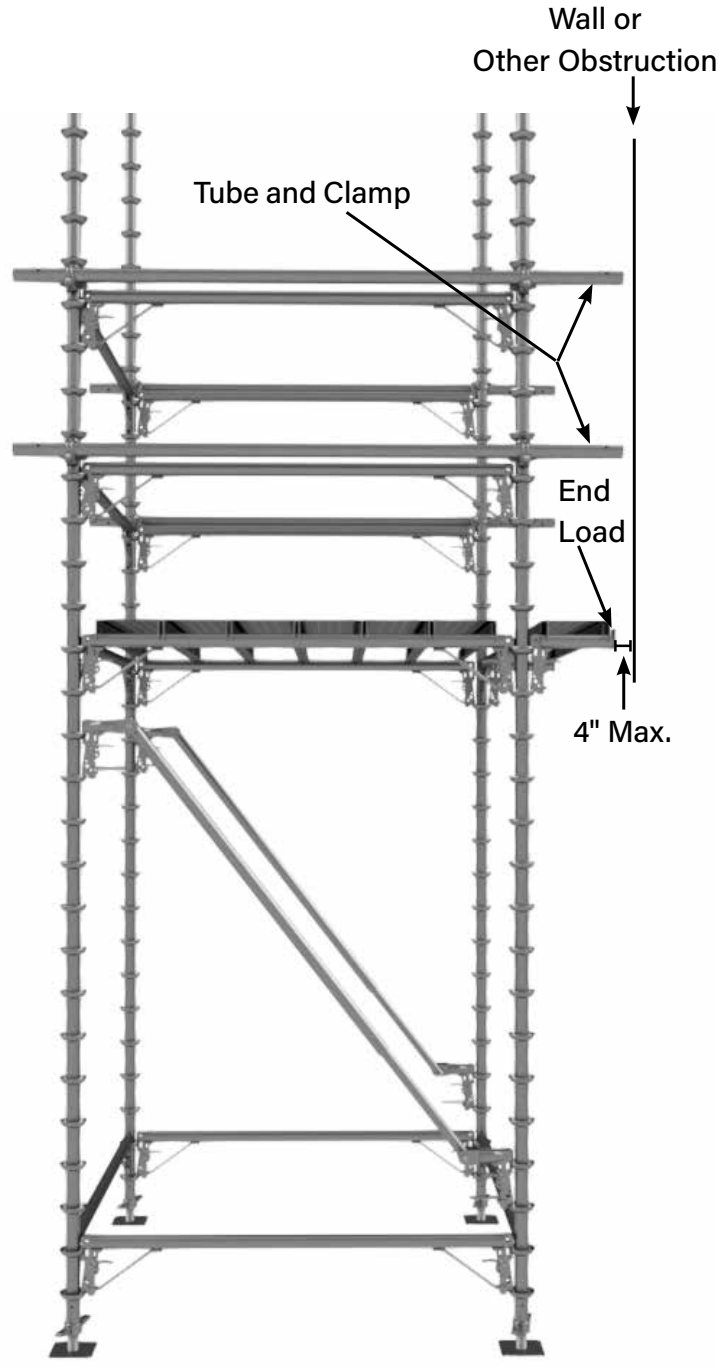
CAUTION: There is a pinch point when closing the trigger.

Check that the vertical pin is properly secured before handling.

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

EXCEL MODULAR BOARD BRACKET

Part Number	Description	Maximum Uniform Load (lbs. per ft.)	Maximum Load on End (lbs.)
BB12	12" Board Bracket	500	500
BB12-L	12" Board Bracket Locking	500	500



BUILD NOTES:

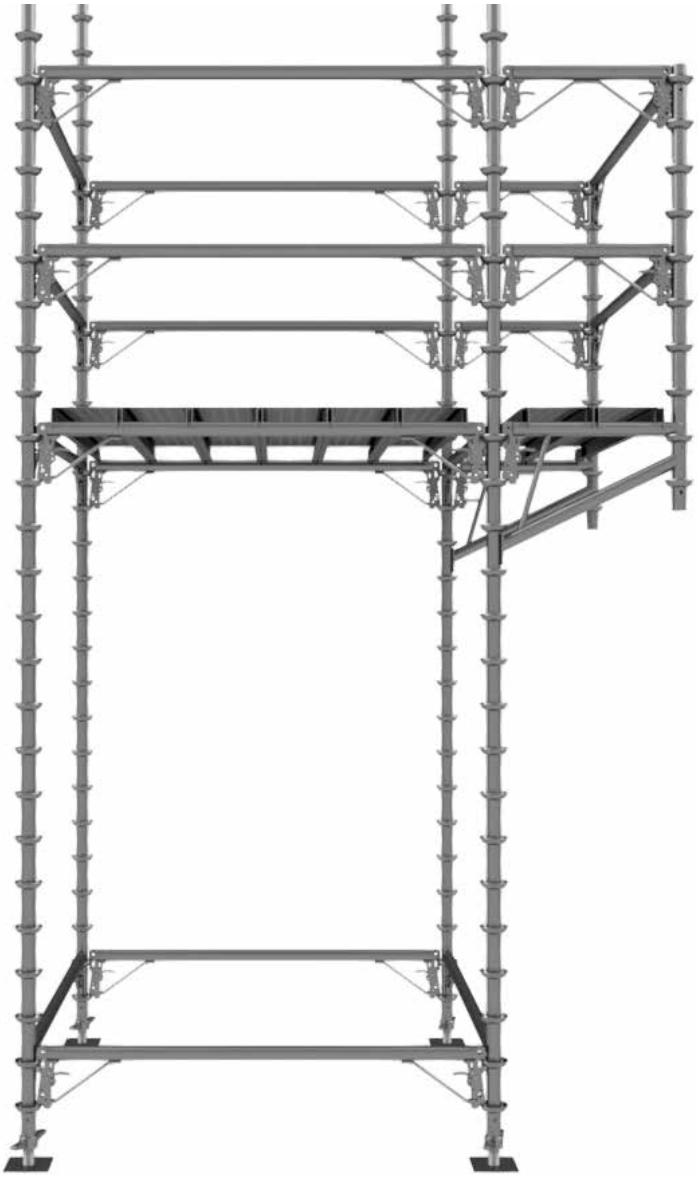
1. The board brackets shall not be used as a handrail or mid-rail.
2. When used as a board deck, there must be a wall or other obstruction within four (4) inches to prevent falling.

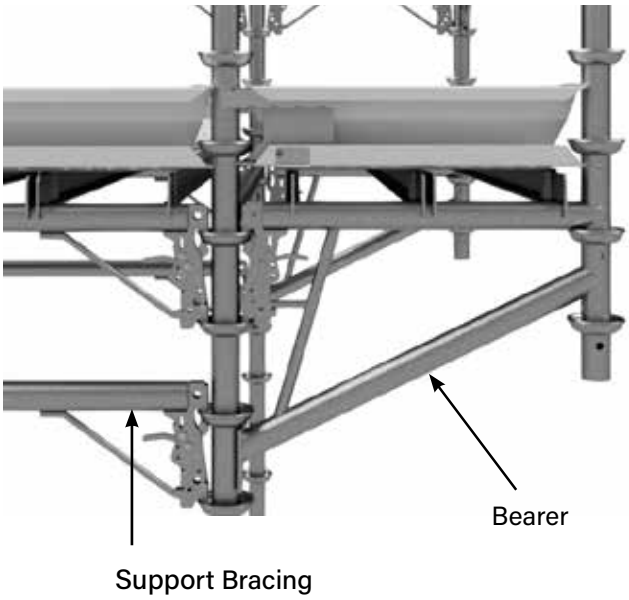
CAUTION: There is a pinch point when closing the trigger and at the locking pin of the 12-inch board bracket locking.

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

EXCEL MODULAR SIDE BRACKET

Part Number	Description	Maximum Uniform Load (lbs. per ft.)	Maximum Load on End (lbs.)
SB24	2' Side Bracket (with pin)	500	500
SB32	32" Side Bracket (with pin)	400	500
SB36	3' Side Bracket (with pin)	330	500





The bottom horizontal, used for support bracing, is only required for heavy-duty scaffolds or scaffolds with two (2) or more decks above the side bracket.

BUILD NOTE: Only verticals required for handrails and mid-rails should be added.

WARNING: Only one (1) deck can be supported by any side bracket without any additional bracing.

CAUTION: There is a pinch point when closing the trigger.

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

EXCEL MODULAR SIDE BRACKET AND CANTILEVER DECK LOADING

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
PB24	24	1125	844	750	643	563	450	375	321	281	250	225
PB32	32	574	431	383	328	287	230	191	164	144	128	115
PB36	36	340	255	227	194	170	136	113	97	85	76	68
PB42	42	286	214	190	163	143	114	95	82	71	63	57
PB48	48	225	169	150	129	113	90	75	64	56	50	45
PB60	60	125	94	83	71	63	50	42	36	31	28	25
PB72	72	88	66	59	50	44	35	29	25	22	20	18
PB84	84	59	44	39	33	29	23	20	17	15	13	12
HL96	96	40	30	27	23	20	16	13	11	10	9	8
HL108	108	31	23	20	17	15	12	10	9	8	7	6
HL120	120	25	19	17	14	13	10	8	7	6	6	5

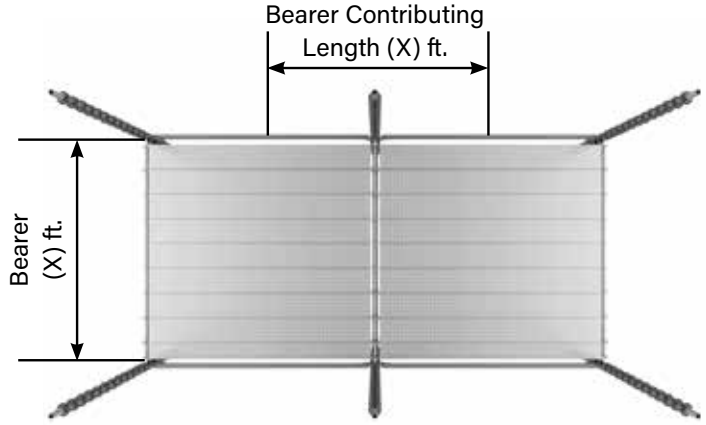
Chart shows the total allowable load per square foot (live load + dead load).

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. Deck planking or vertical members may be the limiting load carrying member.
2. Stability of the scaffold to prevent tipping must be considered when using any side bracket cantilever design.

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



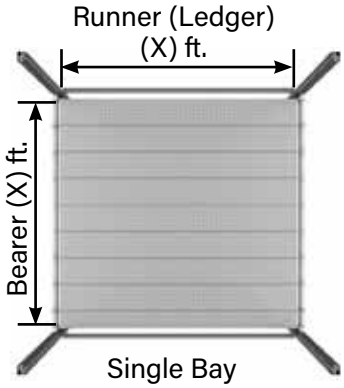
Standard board layout using the side bracket cantilever as the bearer.

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

EXCEL MODULAR SIDE BRACKET AND CANTILEVER MAX DECK LOADING

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
PB24	24	1125	844	750	643	563	450	375	321	281	250	225
PB32	32	574	431	383	328	287	230	191	164	144	128	115
PB36	36	340	255	227	194	170	136	113	97	85	76	68
PB42	42	286	214	190	163	143	114	95	82	71	63	57
PB48	48	225	169	150	129	113	90	75	64	56	50	45
PB60	60	125	94	83	71	63	50	42	36	31	28	25
PB72	72	88	66	59	50	44	35	29	25	22	20	18
PB84	84	59	44	39	33	29	23	20	17	15	13	12
HL96	96	40	30	27	23	20	16	13	11	10	9	8
HL108	108	31	23	20	17	15	12	10	9	8	7	6
HL120	120	25	19	17	14	13	10	8	7	6	6	5

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



Standard board layout using the side bracket cantilever as the bearer.

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.

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.
3. Stability of the scaffold to prevent tipping must be considered when using any side bracket cantilever design.