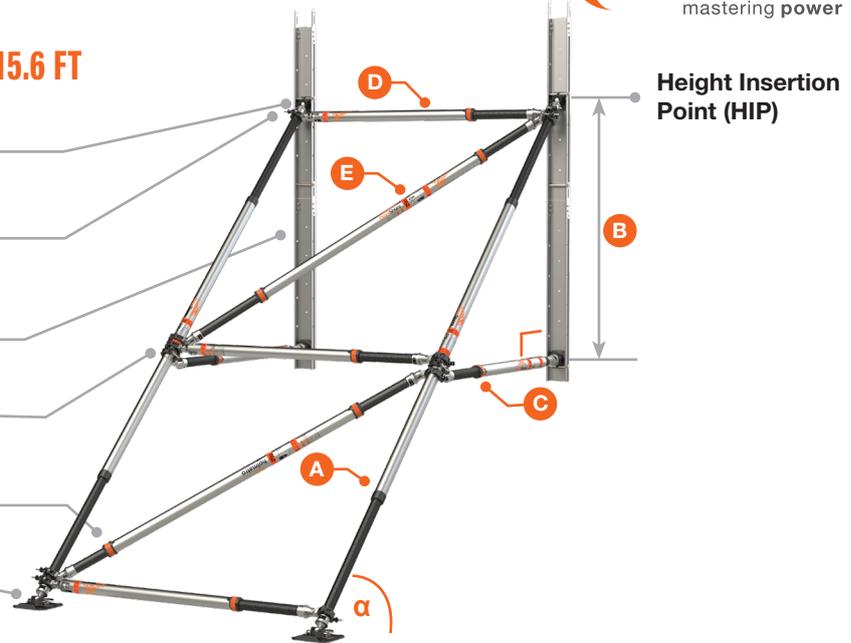


FLYING RAKER UP TO 15.6 FT

	4/6x*	Raker Rail Pin
	4x	Swivel Base
	2/4x*	Raker Rail
	12x	Clamp
	5/7/9x*	Pull Restrictor
	2x	Swivel Base D-ring



*depends on configuration

Tabulated data is based on available items within the Advanced Vehicle & Structural Shoring Set + additional Strut Bracing Set

45°	HIP	Diagonal Strut		Mid-point Brace		Horizontal Brace		Diagonal Brace	Max. Working Load	
		A	B	C	D	E		Safety Factor 2		
	in	in	in	in	in	in		lbs		
	153	P60+P60	204	69	P40	57	P60	64-104	depends on D	7100
	143	P60+P60	190	69	P40	57	P60	64-104	depends on D	9500
	133	P60+P60	176	49	P30	37	P60	64-104	depends on D	12100
	123	P60+P40	163	49	P30	37	P60	64-104	depends on D	15200
	113	P60+P40	149	49	P30	37	P60	64-104	depends on D	19200
	103	P60+P30	135	30	M10	18	P60	64-104	depends on D	24300
	94	P60+P30	121	30	M10	18	P60	64-104	depends on D	30400
	84	P60+P30	107	30	M10	18	P60	64-104	depends on D	37500
< 84 See tabulated data Flying Raker up to 8.3 ft										

60°	HIP	Diagonal Strut		Mid-point Brace		Horizontal Brace		Diagonal Brace	Max. Working Load	
		A	B	C	D	E		Safety Factor 2		
	in	in	in	in	in	in		lbs		
	187	P60+P60	206	89	P30	41	P60	64-104	depends on D	5100
	182	P60+P60	200	89	P30	41	P60	64-104	depends on D	5700
	172	P60+P60	189	89	P30	41	P60	64-104	depends on D	7100
	162	P60+P60	177	89	P30	41	P60	64-104	depends on D	8600
	153	P60+P40	166	79	P30	35	P60	64-104	depends on D	10400
	143	P60+P40	154	79	P30	35	P60	64-104	depends on D	12600
	133	P60+P30	143	49	M10	18	P60	64-104	depends on D	15200
	123	P60+P30	132	49	M10	18	P60	64-104	depends on D	18300
	113	P60+P30	120	49	M10	18	P60	64-104	depends on D	22000
	103	P60+P30	109	39	M10	12	P60	64-104	depends on D	26200
< 103 See tabulated data Flying Raker up to 8.3 ft										

Notes

- The shoring construction/installation must always be approved by a trained Structural Specialist.
- The max. Working Load applies only to the raker system. The materials used to anchor the raker to the wall or ground may limit the max. WL.
- Distance B will determine the number of Raker Rails.
- Place a Pull Restrictor on all bracing struts C / D / E.
- Fix the Raker to the ground utilizing the large holes or the raised edge of the Swivel Base D-Ring, depending on the type of foundation.
- Fix the Raker to the wall, utilizing the holes in the Raker Rail.
- Other Raker configurations can be built if additional struts / accessories are used.

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