



MODSERIES Modular Aluminum Trench Shield

assembles by hand



- ▼ **ModSeries trench shield components** stack flat, easily fit in a pick-up truck or van. Move the entire shield over the road quickly, be on the job in short order.
- ▼ **Exclusive corner end-post design** accepts either panels or adjustable spreaders, lets you build a 2-, 3-, or 4-sided shield quickly.
- ▼ **Foam-filled panels** keep dirt and moisture out, retain lightweight design.
- ▼ **Lightweight aluminum panels**, 2-ft. high, permits hand assembly without the use of machinery.
- ▼ **Tongue-and-groove panels** provide interlocking self-alignment for simple, secure assembly.
- ▼ **Heavy duty lifting eyes** provide convenient, extra strong pick points.
- ▼ **Professional Engineer certified** to comply with OSHA standards.



transports in a pick-up truck



Bottom panels may be removed to allow for cross utilities.

QUICK & EASY ASSEMBLY



Lightweight aluminum panels are easily unloaded from a pick-up truck by hand. No lifting equipment needed.



To begin assembling shield, two corner end-posts are pinned to side panels and rear panel.



Side and rear panels are stacked to desired height.



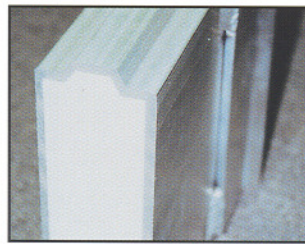
Corner end-posts are pinned in place.



Adjustable spreaders pin securely in place to complete a 3-sided shield.



Heavy duty lifting eyes are made of high strength steel.



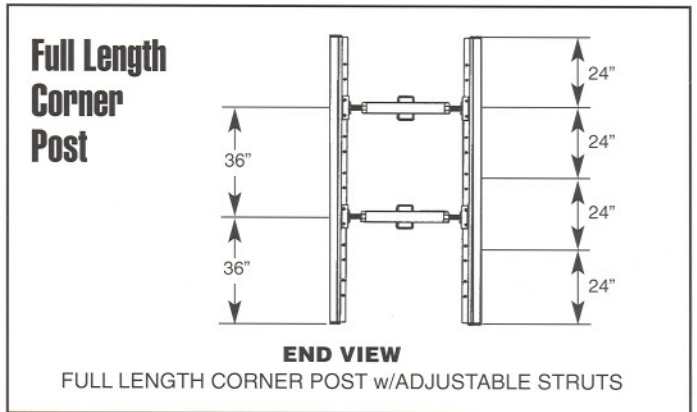
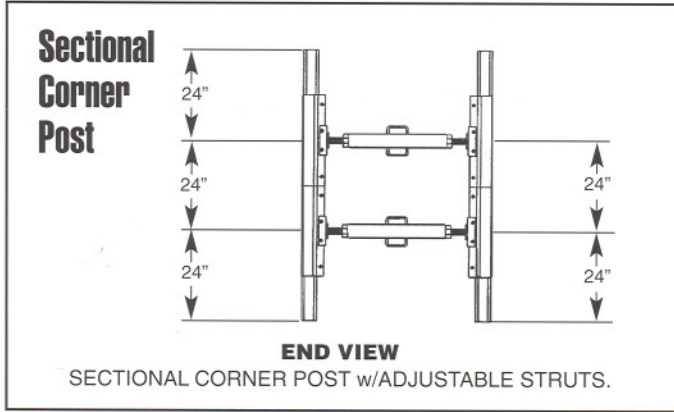
Foam filled panels are tongue and grooved for self-alignment.



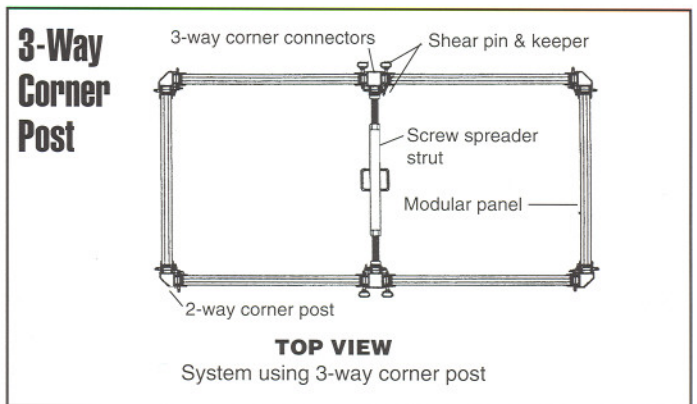
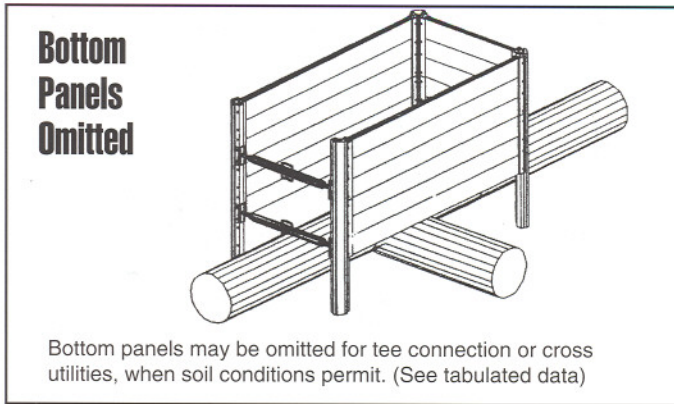
Panel ends are flanged for extra durability, allow easy handling.



Adjustable spreaders double pin to end posts.



ALL PANELS AND STRUTS MUST BE COMPLETELY PINNED



ModSeries

Corner Connectors (2-way)

Model	Weight (lbs)	Length
MC 24	19	24"
MC 48	38	48"
MC 72	56	72"
MC 96	75	96"
MC 120	94	120"

Corner Connectors (3-way)

Model	Weight (lbs)	Length
MC 3-24	25	24"
MC 3-48	51	48"
MC 3-72	76	72"
MC 3-96	101	96"
MC 3-120	127	120"

Panel Size Model Ht x Lg (in Ft)	Weight Each (in lbs)	Shield Capacity (PSF)*	2-Sided Depth Chart		
			Depth of Cut (ft) By Soil Type*		
			A	B	C
MPS 2 x 3	38	3,000	120	66	50
MPS 2 x 4	49	3,000	120	66	50
MPS 2 x 6	70	2,828	113	63	47
MPS 2 x 8	92	1,487	59	33	25
MPS 2 x 10	113	919	36	21	15
MPS 2 x 12	135	627	25	14	11
MPS 2 x 14	156	457	18	10	8

Adjustable Spreaders (Inside Panel Dimension)

Model	Weight (lbs)	Length
MAS 23	27	24" to 36"
MAS 35	37	36" to 60"
MAS 57	46	60" to 84"
MAS 79	55	84" to 108"

Width x Length (in Ft)	Shield Capacity (PSF)*	3 and 4 Sided Depth Chart		
		Depth of Cut (ft) By Soil Type*		
		A	B	C
4 x 4	3,000	120	67	50
4 x 6	2,524	100	56	42
4 x 8	1,260	50	28	21
4 x 10	780	31	17	13
4 x 12	540	22	12	9
6 x 6	2,524	100	56	42
6 x 8	1,260	50	28	21
6 x 10	780	31	17	13
6 x 12	540	22	12	9
8 x 8	1,288	51	29	21
8 x 10	780	31	17	13
8 x 12	540	22	12	9
10 x 10	733	30	17	13
10 x 12	540	22	12	9
12 x 12	512	20	11	9
14 x 14	363	14	8	6



*PSF (pounds per square foot) ratings indicate maximum shield capacities. Depths are based on A, B, C, soil types as described in OSHA's 29 CFR Part 1926 Subpart P, October 31, 1989 with Type A not exceeding 25 PSF per foot of depth, Type B not exceeding 45 PSF per foot of depth and Type C not exceeding 60 PSF per foot of depth. Determine actual soil pressures and consult Manufacturers Tabulated Data prior to each use.

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