Build-A-Box™

Modular Aluminum Trench Shielding System

Uses:

The Build-A-Box™ Modular Aluminum Trench Shielding System can be assembled in minutes to a wide variety of configurations. The flexible system enables work crews to make on-the-spot design changes to meet job requirements in conditions ranging from light to extreme. Most systems are easily transported in a pick-up truck for quick application.

1. Corner end posts pinned on panels

2. End panels set into corner end posts

Features:

- Pick-up truck transportable.
- Can be hand-assembled in minutes.
- Exclusive corner end posts (same post for two, three, and four-sided configurations).
- Tongue and groove design.
- Foam filled.
- Narrow sidewalls.
- Stackable with XLAP™.
- Ultra-light double wall aluminum.
- Greatest strength to weight ratio in the industry.
- Sidewalls are smooth to prevent dirt build-up and reduce friction.
- Professional Engineer design and depth certification.

Options:

- Sectional corner posts.
- Full length corner posts.
- 4-way corner posts.
- 3-way T-posts.
- Pulling and lifting lugs.
- Barrier posts.
- Adjustable legs.
- Splice kit.
- Wheel kit.

Spreader Options:

- Adjustable spreaders.
- Arch spreaders.

Two-Sided Build-A-Box™ Modular Trench Shield with **Sectional Corner Posts**

Panel Selection Chart		Shield Capacity	Depth of Cut (ft.) - Soil Type		
Ht. x Lg. (Ft.)	Weight (Lbs.)	(PSF)	B	C-60	C-80
23 BBP	40	2,400	53	40	30
24 BBP	52	2,400	53	40	30
26 BBP	76	2,400	53	40	30
28 BBP	100	1,440	32	24	18
210 BBP	124	960	21	16	12
212 BBP	148	780	17	13	10
214 BBP	170	600	13	10	8
216 BBP	194	480	11	8	6

Three & Four-Sided Build-A-Box™ Modular Trench Shield with **Sectional Corner Posts**

Wt. x Lg.	Shield Capacity	Depth of Cut (ft.) - Soil Type		
(Ft.)	(PSF)	B	C-60	C-80
4 x 8	1,320	29	22	17
4 x 10	900	20	15	11
4 x 12	780	17	13	10
4 x 14	600	13	10	8
4 x 16	480	11	8	6
6 x 6	2,040	45	34	26
6 x 8	1,260	28	21	16
6 x 10	840	19	14	11
6 x 12	780	17	13	10
6 x 14	600	13	10	8
6 x 16	480	11	8	6
8 x 8	1,200	27	20	15
8 x 10	840	19	14	11
8 x 12	720	16	12	9
8 x 14	540	12	9	7
8 x 16	480	11	8	6
10 x 10	780	17	13	10
10 x 12	720	16	12	9
10 x 14	540	12	9	7
10 x 16	480	11	8	6
12 x 12	660	15	11	8
12 x 14	540	12	9	7
12 x 16	480	11	8	6
14 x 14	480	11	8	6
14 x 16	480	11	8	6
16 x 16	480	11	8	6

EFFICIENCY PRODUCTION, INC.
America's Trench Box Builder™

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Build-A-Box™

Modular Aluminum Trench Shielding System

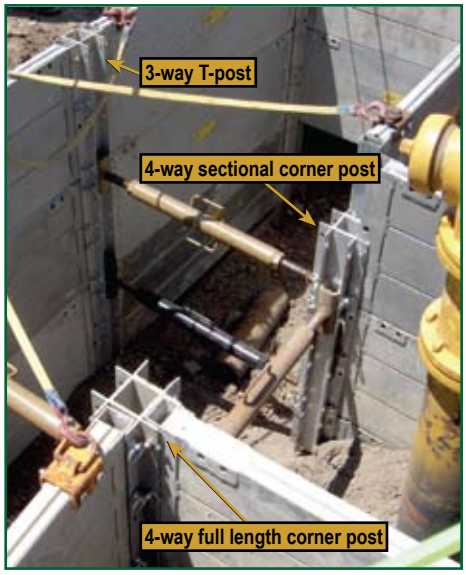
3. Panels stacked to desired height

4. Spreaders are pinned in place

5. Versatility allows for easy taps, connections

Two-Sided Build-A-Box™ Modular Trench Shield with **Full Length Corner Posts**

Panel Selection Chart		Shield Capacity	Depth of Cut (ft) - Soil Type		
Ht. x Lg. (Ft.)	Weight (Lbs.)	(PSF)	B	C-60	C-80
23 BBP	40	2,400	53	40	30
24 BBP	52	1,920	43	32	24
26 BBP	76	1,320	29	22	16
28 BBP	100	1,020	23	17	13
210 BBP	124	840	19	14	10
212 BBP	148	660	15	11	8
214 BBP	170	540	12	9	7
216 BBP	194	480	11	8	6



Three & Four-Sided Build-A-Box™ Modular Trench Shield with **Full Length Corner Posts**

Wt. x Lg.	Shield Capacity	Depth of Cut (ft) - Soil Type		
(Ft.)	(PSF)	B	C-60	C-80
4 x 8	1,020	23	17	13
4 x 10	780	17	13	10
4 x 12	600	13	10	8
4 x 14	540	12	9	7
4 x 16	480	11	8	6
6 x 6	1,320	29	22	17
6 x 8	1,020	23	17	13
6 x 10	720	16	12	9
6 x 12	600	13	10	8
6 x 14	540	12	9	7
6 x 16	480	11	8	6
8 x 8	1,020	23	17	13
8 x 10	720	16	12	9
8 x 12	540	12	9	7
8 x 14	480	11	8	6
8 x 16	480	11	8	6
10 x 10	660	15	11	8
10 x 12	540	12	9	7
10 x 14	480	11	8	6
10 x 16	480	11	8	6
12 x 12	540	12	9	7
12 x 14	480	11	8	6
12 x 16	480	11	8	6
14 x 14	480	11	8	6
14 x 16	480	11	8	6
16 x 16	480	11	8	6

Build-A-Box™ Stacked on XLAP™

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