

Utility Shield System

It's a utility because it can be used for just about anything

Lengths available: 6 - 14ft
C-Soil Range: 8 - 41ft
Excavator Req.: 6,000 - 47,000lbs



Why the Utility Shield?

To meet the needs of contractors, we designed a multipurpose shield. The Utility Shield can be used for a large variety of applications.

- The Utility is a MULTIPURPOSE shield
- The Utility is for UTILITY WORK
- The Utility is for MAINTENANCE WORK
- The Utility can be used as TRENCH LINING
- The Utility can be used as a MANHOLE BOX
- The Utility can be used as a DRIVE BOX
- The Utility is designed to be "LEAPFROGGED"
- The Utility can be put together FOUR SIDED
- The Utility can be used with T1 TRENCH PLATING
- The Utility can be used with DROP-ONS
- The Utility can be used in TANDEM

Spreader Design

The front and back spreader positions are elevated to the same height, allowing the Utility to easily be placed overtop existing line. Front and back spreaders are designed far apart for maximum room inside the ditch. Steel plate spreader reinforcements keep sidewalls vertically true for uninterrupted driving.

Accessories & Options

- | | |
|---------------------------|----------------------|
| -Rigid stacking plates | -3 front spreaders |
| -Flexible stacking plates | -Dozer plates |
| -Tandem connectors | -Extra bottom socket |
| -Square connectors | -Stilts |
| -Spreader adjusters | -Knife bottom |
| -End drop-ons | -Flat bottom |
| -Flex panels | -Semi-flat bottom |
| -Driving beam | -T1 trench plating |

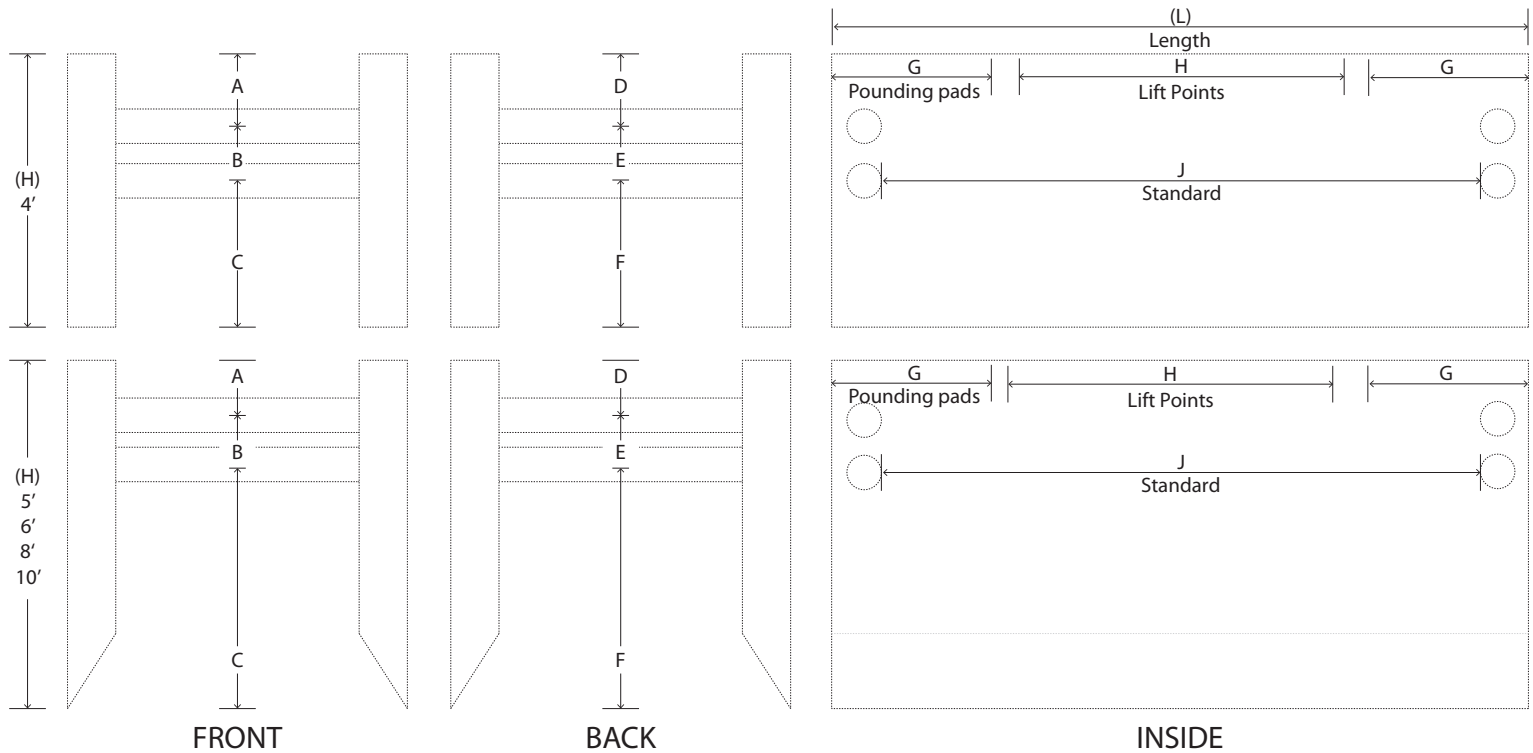
The Bottom Line

The Utility Shield is designed for a wide variety of utility, repair, and manhole work. Front and back spreader locations are equally elevated so that the Utility can easily be placed over existing line. Driving reinforcements keep the sidewalls vertically true.

TITAN

Made in U.S.A.

Utility Shield



Dimensions

	(H)	A	B	C	D	E	F	(L)	G	H	J
Titan 3 Utility											
(T3U)	4'	12"	12"	23.75"	12"	12"	23.75"	6'	6"	32"	59"
	5'	12"	16"	34.75"	12"	16"	34.75"	8'	6"	58"	83"
	6'	16"	16"	39.75"	16"	16"	39.75"	10'	6"	72"	107"
	8'	16"	39.75"	40"	16"	39.75"	40"	12'	6"	98"	131"
	10'	16"	63.75"	40"	16"	63.75"	40"	14'	14"	98"	150"
Titan Plus 3 Utility											
(TP3U)	4'	12"	12"	23.5"	12"	12"	23.5"	6'	14"	30"	52"
	5'	12"	12"	35.5"	12"	12"	35.5"	8'	14"	60"	76"
	6'	13"	17"	41.5"	13"	17"	41.5"	10'	14"	68"	100"
	8'	13"	30"	52.5"	13"	30"	52.5"	12"	14"	92"	124"
	10'	13"	54"	52.5"	13"	54"	52.5"	14'	14"	112"	148"
Titan 5 Utility											
(T5U)	4'	12"	12"	23.5"	12"	12"	23.5"	6'	14"	30"	52"
	5'	12"	12"	35.5"	12"	12"	35.5"	8'	14"	60"	76"
	6'	13"	17"	41.5"	13"	17"	41.5"	10'	14"	68"	100"
	8'	13"	19"	63.5"	13"	19"	63.5"	12"	14"	92"	124"
	10'	13"	43"	63.5"	13"	43"	63.5"	14'	14"	112"	148"
Titan 6 Utility											
(T6U)	4'	12"	23"	12"	12"	23"	12"	8'	14"	60"	74"
	5'	14"	14"	31.5"	14"	14"	31.5"	10'	14"	68"	98"
	6'	14"	14"	43.5"	14"	14"	43.5"	12"	14"	92"	122"
	8'	14"	16"	65.5"	14"	16"	65.5"	14'	14"	112"	146"
	10'	14"	16"	81.5"	14"	16"	81.5"				

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Machine Requirements

	Box Length	Wall Thickness	4' Height			5' Height			6' Height			8' Height			10' Height		
			Type	Shield Wt.	Machine Wt.	Type	Shield Wt.	Machine Wt.	Type	Shield Wt.	Machine Wt.	Type	Shield Wt.	Machine Wt.	Type	Shield Wt.	Machine Wt.
	(ft)	(in)		(lbs)	(lbs)		(lbs)	(lbs)		(lbs)	(lbs)		(lbs)	(lbs)		(lbs)	(lbs)
Titan 3 Utility																	
(T3U)	6	3.5	St	913	6K	Kn	1190	8K	Kn	1291	9K	Kn	1680	11K	Kn	2150	14K
	8	3.5	St	1113	7K	Kn	1481	10K	Kn	1598	11K	Kn	2130	14K	Kn	2623	17K
	10	3.5	St	1290	9K	Kn	1746	12K	Kn	1896	13K	Kn	2580	17K	Kn	3065	20K
	12	3.5	St	1692	11K	Kn	2268	15K	Kn	2535	17K	Kn	3422	23K	Kn	3998	27K
	14	3.5	St	2089	14K	Kn	2768	18K	Kn	3094	21K	Kn	3950	26K	Kn	4626	31K
Titan Plus 3 Utility																	
(TP3U)	6	3.5	St	1825	12K	Kn	1775	12K	Kn	2013	13K	Kn	2783	19K	Kn	3289	22K
	8	3.5	St	2046	14K	Kn	2071	14K	Kn	2416	16K	Kn	3289	22K	Kn	3953	26K
	10	3.5	St	2323	15K	Kn	2398	16K	Kn	2798	19K	Kn	3795	25K	Kn	4545	30K
	12	3.5	St	2595	17K	Kn	2725	18K	Kn	3183	21K	Kn	4271	28K	Kn	5157	34K
	14	3.5	St	2869	19K	Kn	3053	20K	Kn	3567	24K	Kn	4788	32K	Kn	5753	38K
Titan 5 Utility																	
(T5U)	6	5	St	1523	10K	Kn	1640	11K	Kn	1840	12K	Kn	2532	17K	Kn	3041	20K
	8	5	St	1755	12K	Kn	1950	13K	Kn	2195	15K	Kn	2952	20K	Kn	3557	24K
	10	5	St	1987	13K	Kn	2260	15K	Kn	2550	17K	Kn	3372	22K	Kn	4073	27K
	12	5	St	2385	16K	Kn	2663	18K	Kn	2993	20K	Kn	4033	27K	Kn	4869	32K
	14	5	St	2633	18K	Kn	2960	20K	Kn	3363	22K	Kn	4452	30K	Kn	5384	36K
Titan 6 Utility																	
(T6U)	8	6.75	St	2755	18K	Kn	2760	18K	Kn	3106	21K	Kn	4124	27K	Kn	4909	33K
	10	6.75	St	3040	20K	Kn	3188	21K	Kn	3548	24K	Kn	4714	31K	Kn	5622	37K
	12	6.75	St	3325	22K	Kn	3616	24K	Kn	3990	27K	Kn	5304	35K	Kn	6335	42K
	14	6.75	St	3610	24K	Kn	4044	27K	Kn	4432	30K	Kn	5894	39K	Kn	7048	47K

Shield Info

	Production Depth (ft)	Pipe Socket Size (in)	Pounding Pad Thickness (in)	Solid Stacking Lug Bar (in)
Titan 3 Lite Utility	8 - 16	3.0 (X)	0.75	2
Titan Plus 3 Utility	12 - 20	5.0 (X)	0.75	2
Titan 5 Utility	12 - 24	5.0 (X)	0.75	2.5
Titan 6 Utility	17 - 30	7.0 (X)	1.5	3

Accessories/Options

Titan Utility Accessories

Flexible Stacking plates

Rigid Stacking plates

Tandem connectors

Square connectors

Adjustable spreaders

Drop-ons

Flex panels

Mud plates

Titan Utility Options

3rd front spreader

Driving box beam