

# Plus Shield System

For deeper digs and 40K+ excavators

Shield length range: 16 - 30ft  
Production depth range: 8 - 42ft  
Excavator Req.: 22,000 - 124,000lbs



## Why the Plus Shield?

The Plus is designed when a deeper ditch depth is required and 40K+ excavators are available. The Plus has more robust sidewall reinforcements to safely achieve these greater depths, however a slightly larger machine is needed. Production depths of a Plus shield range anywhere from 8ft - 42ft (Lites 8ft-20ft, Brutes 10ft - 50ft).

## Plus Exceeds Durable

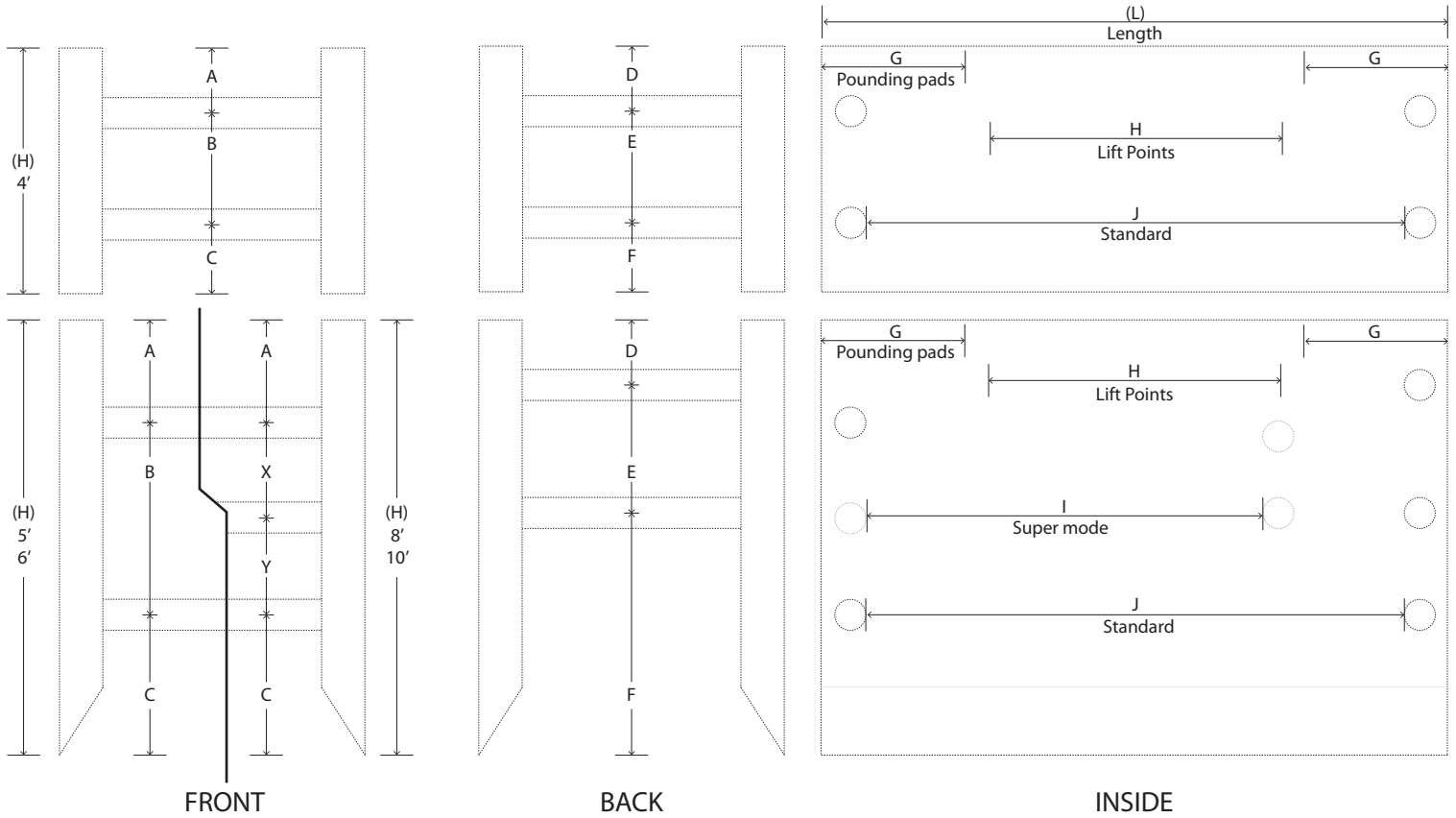
The Titan Plus uses real world engineering and thick reinforced formed steel for unwavering toughness in the ditch. A wood free design allows us to increase the shields strength by incorporating larger steel reinforcements inside each sidewall.

## 100% Wood Free (Green Engineering)

There are many advantages that come from a 100% WOOD FREE design. The greatest advantage is it gives more room inside the sidewall for thick steel reinforcements. The next greatest advantage is our shields stay true to their weight by never soaking up water in wet environments.

### Accessories & Options

- Rigid stacking plates
- Flexible stacking plates
- Tandem connectors
- Square connectors
- Super tube/adapter
- Adjustable spreaders
- End drop-ons
- Flex panels
- Mud plates
- Flat bottom
- Knife bottom
- Semi-flat bottom



## Dimensions

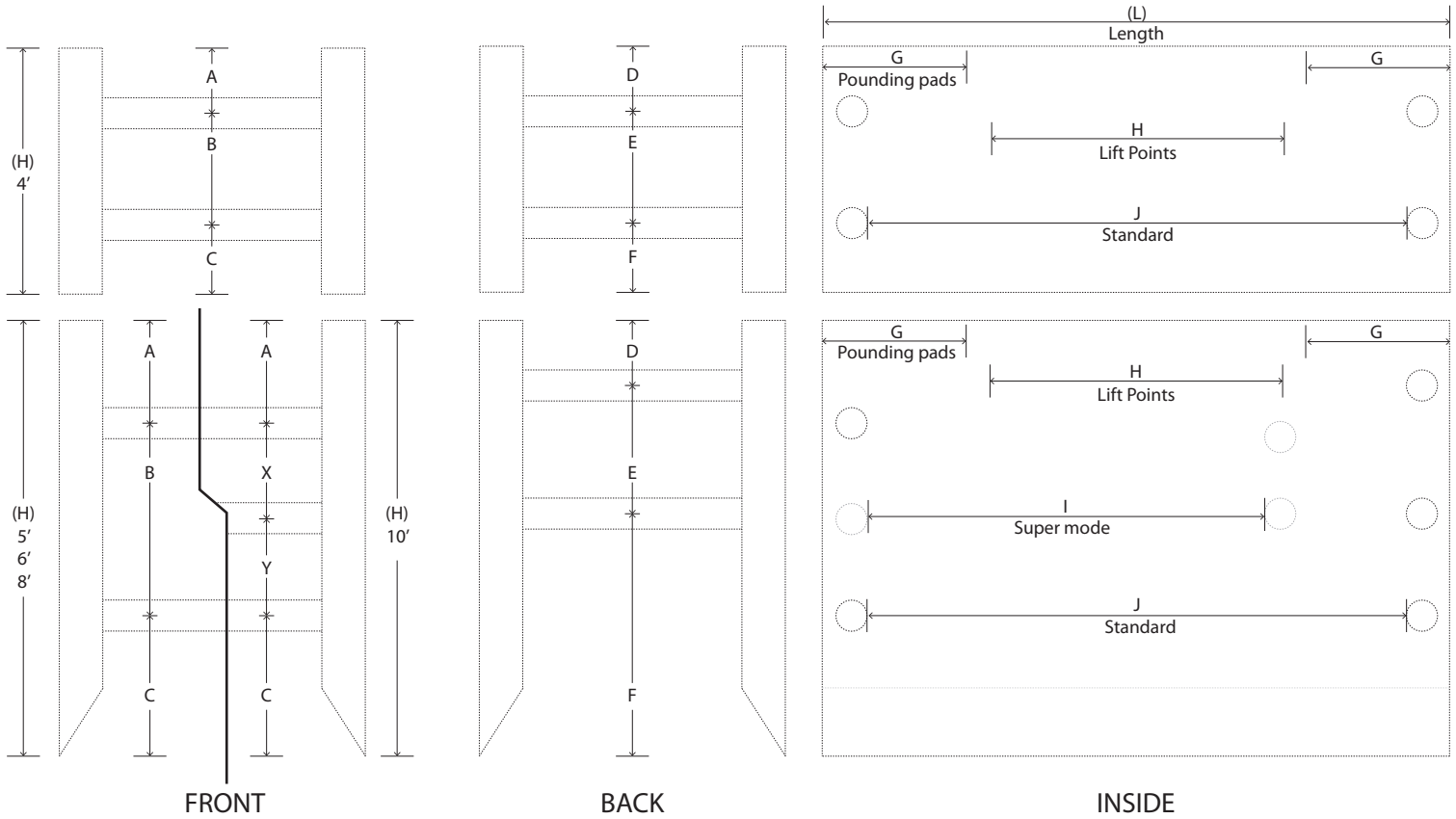
	(H)	A	B	C	D	E	X	Y	F	(L)	G	H	I	J
<b>Titan Plus 3</b>														
(TP3)	4'	13"	21"	13"	13"	21"	-	-	13"	16'	62"	60"	124"	172"
	5'	12"	12"	35.5"	12"	12"	-	-	35.5"	18'	62"	68"	148"	196"
	6'	13"	17"	41.5"	13"	17"	-	-	41.5"	20'	62"	92"	172"	220"
	8'	13"	-	22.5"	13"	19"	19"	63.5"	63.5"	22'	74"	92"	184"	244"
	10'	37"	-	22.5"	13"	43"	30"	30"	63.5"	24'	74"	112"	208"	268"
										26'	86"	112"	220"	292"
<b>Titan Plus 5</b>														
(TP3)	4'	13"	21"	13"	13"	21"	-	-	13"	16'	54"	60"	132"	176"
	6'	13"	17"	41.5"	13"	17"	-	-	41.5"	18'	54"	68"	156"	200"
	8'	13"	-	22.5"	13"	19"	19"	63.5"	63.5"	20'	54"	92"	180"	224"
	10'	37"	-	22.5"	13"	43"	30"	30"	63.5"	22'	66"	92"	192"	248"
										24'	74"	112"	208"	268"
										26'	86"	112"	220"	292"
										28'	98"	112"	232"	316"
<b>Titan Plus 6</b>														
(TP6)	4'	12"	23"	12"	12"	23"	-	-	12"	16'	62"	60"	122"	170"
	5'	14"	14"	31.5"	14"	14"	-	-	31.5"	18'	62"	68"	146"	194"
	6'	19"	19"	38.5"	14"	19"	-	-	38.5"	20'	62"	92"	170"	218"
	8'	33"	-	/	14"	19"	19"	62.5"	62.5"	22'	74"	92"	182"	242"
	10'	33"	-	28.5"	14"	29"	29"	29"	76.5"	24'	74"	112"	206"	266"
										26'	86"	112"	218"	290"
										28'	98"	112"	230"	314"
										30'	110"	112"	242"	338"
										14'	14"	112"	148"	112"



Made in U.S.A.

Larger and Custom Shields are available (spreaders sold separately).

Data subject to change. Intended for customer ONLY, unauthorized use is strictly prohibited.



## Dimensions

	(H)	A	B	C	D	E	X	Y	F	(L)	G	H	I	J
<b>Titan Plus 8</b>														
(TP8)	4'	12"	23"	12"	12"	23"	-	-	12"	18'	62"	68"	146"	194"
	5'	14"	14"	31.5"	14"	14"	-	-	31.5"	20'	62"	92"	170"	218"
	6'	19"	19"	38.5"	14"	19"	-	-	38.5"	22'	74"	92"	182"	242"
	8'	33"	19"	62.5"	14"	19"	-	-	62.5"	24'	74"	112"	206"	266"
	10'	33"	-	28.5"	14"	29"	29"	29"	76.5"	26'	86"	112"	218"	290"
										28'	98"	112"	230"	314"
										30'	110"	112"	242"	338"
<b>Titan Plus 9</b>														
(TP9)	4'	12"	23"	12"	12"	23"	-	-	12"	20'	66"	84"	166"	216"
	5'	14"	14"	31.5"	14"	14"	-	-	31.5"	22'	78"	84"	178"	240"
	6'	19"	19"	38.5"	14"	19"	-	-	38.5"	24'	78"	108"	202"	264"
	8'	33"	19"	62.5"	14"	19"	-	-	62.5"	26'	90"	112"	218"	288"
	10'	33"	-	28.5"	14"	29"	29"	29"	76.5"	28'	102"	112"	230"	312"
										30'	114"	112"	242"	336"

## Machine Requirements

Box Length (ft)	Wall Thickness (in)	4' Height			5' Height			6' Height			8' Height			10' Height			
		Type	Shield Wt. (lbs)	Machine Wt. (lbs)	Type	Shield Wt. (lbs)	Machine Wt. (lbs)	Type	Shield Wt. (lbs)	Machine Wt. (lbs)	Type	Shield Wt. (lbs)	Machine Wt. (lbs)	Type	Shield Wt. (lbs)	Machine Wt. (lbs)	
<b>Titan Plus 3</b>																	
(TP3)	16	3.5	St	3227	22K	Kn	3693	25K	Kn	4384	29K	Kn	5645	38K	Kn	7690	51K
	18	3.5	St	3495	23K	Kn	3993	27K	Kn	4788	32K	Kn	6180	41K	Kn	8628	58K
	20	3.5	St	3795	25K	Kn	4364	29K	Kn	5221	35K	Kn	6743	45K	Kn	9596	64K
	22	3.5	St	4089	27K	Kn	4693	31K	Kn	5591	37K	Kn	7230	48K	Kn	10175	68K
	24	3.5	St	4374	29K	Kn	4993	33K	Kn	5996	40K	Kn	7773	52K	Kn	11123	74K
	26	3.5	St	4628	31K	Kn	5295	35K	Kn	6367	42K	Kn	8223	55K	Kn	11664	78K
<b>Titan Plus 5</b>																	
(TP5)	16	5	St	3131	21K				Kn	4539	30K	Kn	5890	39K	Kn	6990	47K
	18	5	St	3580	24K				Kn	5335	36K	Kn	6969	46K	Kn	8329	56K
	20	5	St	3891	26K				Kn	5795	39K	Kn	7597	51K	Kn	9085	61K
	22	5	St	4208	28K	Call Factory for Data			Kn	6297	42K	Kn	8186	55K	Kn	9770	65K
	24	5	St	4662	31K				Kn	6884	46K	Kn	8890	59K	Kn	10632	71K
	26	5	St	4963	33K				Kn	7395	49K	Kn	9564	64K	Kn	11397	76K
<b>Titan Plus 6</b>																	
(TP6)	16	6.75	St	5118	34K	Kn	5638	38K	Kn	6451	43K	Kn	8187	55K	Kn	9782	65K
	18	6.75	St	5499	37K	Kn	6067	40K	Kn	6991	47K	Kn	8890	59K	Kn	10636	71K
	20	6.75	St	5935	40K	Kn	6557	44K	Kn	7589	51K	Kn	9650	64K	Kn	11551	77K
	22	6.75	St	6399	43K	Kn	7083	47K	Kn	8192	55K	Kn	10397	69K	Kn	12432	83K
	24	6.75	St	6790	45K	Kn	7527	50K	Kn	8754	58K	Kn	11126	74K	Kn	13306	89K
	26	6.75	St	7227	48K	Kn	7990	53K	Kn	9318	62K	Kn	11830	79K	Kn	14138	94K
<b>Titan Plus 8</b>																	
(TP8)	20	8.5	St	6790	45K	Kn	7422	49K	Kn	8799	59K	Kn	11056	74K	Kn	13324	89K
	22	8.5	St	7321	49K	Kn	7990	53K	Kn	9457	63K	Kn	11881	79K	Kn	14286	95K
	24	8.5	St	7765	52K	Kn	8492	57K	Kn	9994	67K	Kn	12670	84K	Kn	15239	102K
	26	8.5	St	8248	55K	Kn	8993	60K	Kn	10712	71K	Kn	13446	90K	Kn	16152	108K
	28	8.5	St	8730	58K	Kn	9554	64K	Kn	11339	76K	Kn	14222	95K	Kn	16995	113K
	30	8.5	St	9213	61K	Kn	9994	67K	Kn	11966	80K	Kn	14998	100K	Kn	17978	120K
<b>Titan Plus 9</b>																	
(TP9)	20	9.5	St	7841	52K	Kn	7720	51K	Kn	9180	61K	Kn	11579	77K	Kn	13867	92K
	22	9.5	St	8456	56K	Kn	8299	55K	Kn	9858	66K	Kn	12414	83K	Kn	14842	99K
	24	9.5	St	9023	60K	Kn	8820	59K	Kn	10499	70K	Kn	13235	88K	Kn	15826	106K
	26	9.5	St	9592	64K	Kn	9370	62K	Kn	11138	74K	Kn	13991	93K	Kn	16752	112K
	28	9.5	St	10181	68K	Kn	9920	66K	Kn	11777	79K	Kn	14798	99K	Kn	17679	118K
	30	9.5	St	10760	72K	Kn	10470	70K	Kn	12416	83K	Kn	15594	104K	Kn	18595	124K

## Shield Info

	Production Depth (ft)	Pipe Socket Size (in)	Pounding Pad Thickness (in)	Solid Stacking Lug Bar (in)
Titan Plus 3	8 - 16	5.0 (X)	0.75	2.5
Titan Plus 5	12 - 20	5.0 (X)	1.25	2.5
Titan Plus 6	16 - 30	7.0 (X)	1.5	3
Titan Plus 8	20 - 34	7.0 (X)	1.5	3
Titan Plus 9	20 - 42	6.0 (XX)	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

Super adapter

Super tube

Pin-on big clear