

XLSM3 & XLDM3



3 in. Steel Single and Double Wall Municipal Shields

Uses:

The XLSM3 and XLDM3 have narrow 3 in. single and double wall panels. These lightweight shields are designed for use with rubber-tire backhoes and are excellent for shallow, lighter work. They also allow for the narrowest possible excavated trench.

Features:

- Reinforced top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lift system.
- Thru-wall collars.
- Integral spreader collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Double tube top rails.
- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking pockets.
- T-connection cut-out.

Spreader Options:

- 4" schedule 40 (standard)
- 6" schedule 80
- Custom collar sizes available.



XLSM3



XLDM3

XLSM3 Sidewalls 3 in. Steel Single Wall Municipal Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.)			Soil Type
				B	C-60	C-80	
410 XLSM3	1,450	22	600	13	10	7	
412 XLSM3	1,650	22	480	11	8	6	
414 XLSM3	1,850	22	420	9	7	5	
416 XLSM3	2,100	22	360	8	6	4	
68 XLSM3	1,650	36	960	21	16	12	
610 XLSM3	2,030	36	780	17	13	10	
612 XLSM3	2,310	36	540	12	9	7	
614 XLSM3	2,740	36	420	9	7	5	
616 XLSM3	3,140	36	360	8	6	4	
88 XLSM3	2,000	36	960	21	16	12	
810 XLSM3	2,460	36	600	13	10	7	
812 XLSM3	2,800	36	480	11	8	6	
814 XLSM3	3,510	36	420	9	7	5	
816 XLSM3	4,080	36	360	8	6	4	

XLDM3 Sidewalls 3 in. Steel Double Wall Municipal Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.)			Soil Type
				B	C-60	C-80	
410 XLDM3	2,052	22	1,380	30	23	17	
412 XLDM3	2,335	22	960	21	16	12	
414 XLDM3	2,618	22	780	17	13	10	
416 XLDM3	2,961	22	600	13	10	7	
68 XLDM3	2,367	36	1,920	42	32	24	
610 XLDM3	2,833	36	1,440	32	24	18	
612 XLDM3	3,271	36	1,080	24	18	13	
614 XLDM3	3,726	36	780	17	13	10	
616 XLDM3	4,226	36	600	13	10	7	
88 XLDM3	2,998	36	1,920	42	32	24	
810 XLDM3	3,622	36	1,440	32	24	18	
812 XLDM3	4,158	36	900	20	15	11	
814 XLDM3	4,772	36	900	20	15	11	
816 XLDM3	5,420	36	780	17	13	10	

XLSM & XLDM



4 in. Steel Single and Double Wall Municipal Shields

Uses:

The XLSM and XLDM are lightweight 4 in. steel trench shields that can be handled by backhoes and loaders. These shields are economical and ideal for work encountered by municipalities and utilities. They are available with an optional side opening for T-connection work and for repairs.

Features:

- Reinforced top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lift system.
- Thru-wall collars.
- Integral spreader collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Double tube top rails.
- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking pockets.
- T-connection cut-out.

Spreader Options:

- 4" schedule 40 (standard).
- 6" schedule 80.
- Custom collar sizes available.



XLSM



XLDM

XLSM Sidewalls 4 in. Steel Single Wall Municipal Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
44 XLSM	790	22	1,800	40	30	22
46 XLSM	1,020	22	1,800	40	30	22
48 XLSM	1,220	22	1,380	31	23	17
410 XLSM	1,490	22	900	20	15	11
412 XLSM	1,700	22	660	15	11	8
64 XLSM	1,060	36	1,800	40	30	22
66 XLSM	1,390	36	1,320	29	22	16
68 XLSM	1,710	36	1,020	23	17	13
610 XLSM	2,080	36	840	19	14	10
612 XLSM	2,410	36	660	15	11	8
84 XLSM	1,260	36	1,800	40	30	22
86 XLSM	1,670	36	1,320	29	22	16
88 XLSM	2,020	36	960	21	16	12
810 XLSM	2,490	36	720	16	12	9
812 XLSM	2,900	36	720	16	12	9

XLDM Sidewalls 4 in. Steel Double Wall Municipal Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
46 XLDM	1,460	22	2,400	53	40	30
48 XLDM	1,740	22	2,400	53	40	30
410 XLDM	2,070	22	1,920	43	32	24
412 XLDM	2,350	22	1,380	31	23	17
414 XLDM	2,630	22	960	21	16	12
416 XLDM	2,960	22	840	19	14	10
66 XLDM	1,860	36	2,400	53	40	30
68 XLDM	2,250	36	2,400	53	40	30
610 XLDM	2,730	36	2,400	53	40	30
612 XLDM	3,120	36	1,800	40	30	22
614 XLDM	3,510	36	1,320	29	22	16
616 XLDM	3,980	36	960	21	16	12
86 XLDM	2,661	36	2,400	53	40	30
88 XLDM	3,251	36	2,400	53	40	30
810 XLDM	3,957	36	2,400	53	40	30
812 XLDM	4,547	36	1,680	37	28	21
814 XLDM	5,415	36	1,680	37	28	21
816 XLDM	6,082	36	1,380	30	23	17

XLS

4 in. Steel Single Wall Trench Shield

Uses:

XLS 4 in. single wall steel trench shields are designed for use with medium crawler excavators in trenches where weight and space are critical.

Features:

- Reinforced top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lifting system.
- Thru-wall collars.
- Integral spreader collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Pushing blocks.
- Pulling lugs.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 4" schedule 40 (standard).
- 6" schedule 80.
- 4-pipe independent set.
- 5-pipe independent set.
- Custom collar sizes available.



XLS Sidewalls 4 in. Steel Single Wall Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
46 XLS	1,510	22	2,220	49	37	28
48 XLS	1,800	22	2,220	49	37	28
410 XLS	2,140	22	1,500	33	25	19
412 XLS	2,460	22	1,020	23	17	13
414 XLS	2,710	22	780	17	13	10
416 XLS	3,060	22	660	15	11	8
418 XLS	3,300	22	600	13	10	7
420 XLS	3,560	22	480	11	8	6
66 XLS	2,070	41	2,220	49	37	28
68 XLS	2,460	41	2,220	49	37	28
610 XLS	2,900	41	1,320	29	22	16
612 XLS	3,470	41	1,080	24	18	13
614 XLS	4,010	41	780	17	13	10
616 XLS	4,530	41	660	15	11	8
618 XLS	4,900	41	600	13	10	7
620 XLS	5,370	41	480	11	8	6
86 XLS	2,560	52	2,220	49	37	28
88 XLS	2,930	52	1,500	33	25	19
810 XLS	3,520	52	1,140	25	19	14
812 XLS	4,140	52	840	19	14	10
814 XLS	4,670	52	780	17	13	10
816 XLS	5,290	52	660	15	11	8
818XLS	5,820	52	600	13	10	7
820 XLS	6,340	52	480	11	8	6

XLD

4 in. Steel Double Wall Trench Shield

Uses:

The XLD 4 in. double wall steel shield is the most popular shield in the Efficiency line. They are designed for use with medium crawler excavators in trenches where weight and space are critical.

Features:

- Reinforced top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lifting system.
- Thru-wall collars.
- Triple vertical tube collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 8" schedule 80 (standard).
- 6" schedule 80.
- 4-pipe independent set.
- 5-pipe independent set.
- Custom collar sizes available.



XLD Sidewalls 4 in. Steel Double Wall Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.)		Soil Type C-80
				B	C-60	
48 XLD	2,520	22	2,760	61	46	34
410 XLD	2,850	22	2,760	61	46	34
412 XLD	3,380	22	2,760	61	46	34
414 XLD	3,740	22	2,040	45	34	25
416 XLD	4,130	22	1,500	33	25	19
420 XLD	4,970	22	1,200	27	20	15
424 XLD	6,130	22	840	19	14	10
68 XLD	3,430	41	2,760	61	46	34
610 XLD	4,120	41	2,760	61	46	34
612 XLD	4,790	41	2,460	55	41	31
614 XLD	5,380	41	1,920	43	32	24
616 XLD	5,970	41	1,440	32	24	18
618 XLD	6,690	41	1,260	28	21	16
620 XLD	7,220	41	1,380	31	23	17
622 XLD	8,100	41	1,024	23	17	13
624 XLD	8,680	41	900	20	15	11
88 XLD	4,380	60	2,760	61	46	34
810 XLD	5,090	60	2,640	59	44	33
812 XLD	5,800	60	2,040	45	34	25
814 XLD	6,580	60	1,740	39	29	22
816 XLD	7,270	60	1,560	35	26	20
818 XLD	8,250	60	1,380	31	23	17
820 XLD	8,920	60	1,320	29	22	16
822 XLD	9,830	60	900	20	15	11
824 XLD	11,420	60	840	19	14	10
108 XLD	5,220	69	2,760	61	46	34
1010 XLD	6,020	69	2,640	59	44	33
1012 XLD	7,000	69	1,980	44	33	25
1014 XLD	7,940	69	1,320	29	22	16
1016 XLD	9,040	69	1,320	29	22	16
1020 XLD	10,890	69	960	21	16	12
1024 XLD	12,910	69	900	20	15	11

HT6

6 In. Hi-Tensile Steel Double Wall Trench Shield

Uses:

The HT6 is the most versatile steel shield available. It combines depth capability with lightweight narrow sidewalls. Designed for medium range excavators.

Features:

- Reinforced top rails.
- Double tube top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lifting system.
- Thru-wall collars.
- Triple vertical tube collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 8" schedule 80 (standard).
- 3-pipe and mud plate set.
- 4-pipe independent set.
- 4-pipe connected set.
- 5-pipe independent set.
- 5-pipe connected set.



HT6 Sidewalls 6 in. Steel Double Wall Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
412 HT6	4,090	22	2,100	47	35	26
416 HT6	5,310	22	1,860	41	31	23
418 HT6	5,890	22	1,680	37	28	21
420 HT6	6,370	22	1,440	32	24	18
424 HT6	7,510	22	1,140	25	19	14
427 HT6	8,350	22	780	17	13	10
616 HT6	7,000	41	2,340	52	39	30
618 HT6	7,680	41	1,680	37	28	21
620 HT6	8,330	41	1,440	32	24	18
622 HT6	9,130	41	1,200	27	20	15
624 HT6	10,210	41	1,140	25	19	14
626 HT6	10,890	41	900	20	15	11
627 HT6	11,140	41	900	20	15	11
88 HT6	4,860	64	2,880	64	48	36
812 HT6	6,800	64	2,280	50	38	28
814 HT6	7,580	64	2,100	47	35	26
816 HT6	8,440	64	1,980	44	33	25
818 HT6	9,350	64	1,860	41	31	23
820 HT6	10,410	64	1,560	34	26	19
822 HT6	11,230	64	1,200	27	20	15
824 HT6	12,290	64	1,140	25	19	14
826 HT6	13,110	64	960	21	16	12
827 HT6	13,240	64	780	17	13	10
1012 HT6	8,460	85	2,400	53	40	30
1016 HT6	10,380	85	1,680	37	28	21
1018 HT6	11,560	85	1,560	34	26	19
1020 HT6	12,900	85	1,440	32	24	18
1022 HT6	14,220	85	1,200	27	20	15
1024 HT6	15,890	85	1,200	27	20	15
1027 HT6	17,630	85	960	21	16	12

HT8

8 In. Hi-Tensile Steel Double Wall Trench Shield

Uses:

The HT8 is an excellent choice for deeper, more demanding work. The 8 in. double wall construction minimizes sidewall deflection and provides extended shield durability.

Features:

- Reinforced top rails.
- Double tube top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lifting system.
- Thru-wall collars.
- Triple vertical tube collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.



Options:

- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 8" schedule 80 (standard).
- 3-pipe and mud plate set.
- 4-pipe independent set.
- 4-pipe connected set.
- 5-pipe independent set.
- 5-pipe connected set.

HT8 Sidewalls 8 in. Steel Double Wall Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.)			Soil Type
				B	C-60	C-80	
416 HT8	6,150	22	2,580	57	43	32	
420 HT8	7,120	22	1,800	40	30	22	
424 HT8	8,360	22	1,260	28	21	16	
427 HT8	9,280	22	1,020	23	17	13	
430 HT8	10,080	22	840	10	14	10	
616 HT8	7,930	41	2,640	59	44	33	
620 HT8	9,210	41	1,800	40	30	22	
624 HT8	11,080	41	1,260	28	21	16	
627 HT8	12,330	41	1,020	23	17	13	
630 HT8	13,560	41	1,020	23	17	13	
814 HT8	8,570	64	2,520	56	42	31	
816 HT8	9,150	64	2,580	57	43	32	
820 HT8	10,960	64	2,100	46	35	26	
822 HT8	12,320	64	1,560	19	26	19	
824 HT8	13,420	64	1,500	33	25	19	
827 HT8	14,570	64	1,140	25	19	14	
830 HT8	15,930	64	840	19	14	10	
1016 HT8	12,480	85	2,220	49	37	28	
1020 HT8	14,740	85	1,920	42	32	24	
1024 HT8	16,270	85	1,680	37	28	21	
1027 HT8	18,780	85	1,200	27	20	15	
1030 HT8	20,570	85	1,020	23	17	13	

HDHT8

8 In. Heavy Duty Hi-Tensile Steel Double Wall Shield

Uses:

This 8 in. double wall trench shield is available with panels up to 12 ft. high and 36 ft. long. The HDHT8 offers maximum depth ratings to handle the most demanding jobs with larger excavators.

Features:

- Reinforced top rails.
- Double tube top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lifting system.
- Thru-wall collars.
- Triple vertical tube collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.



Options:

- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 8" schedule 80 (standard).
- 10" schedule 120.
- 3-pipe and mud plate set.
- 4-pipe independent set.
- 4-pipe connected set.
- 5-pipe independent set.
- 5-pipe connected set.

HDHT8 Sidewalls 8 in. Heavy Duty Steel Double Wall Trench Shield

Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
616 HDHT8-58	7,500	41	3,480	77	58	43
620 HDHT8-40	9,700	41	2,400	53	40	30
624 HDHT8-30	12,340	41	1,800	40	30	22
626 HDHT8-27	14,300	41	1,620	36	27	20
627 HDHT8-25	14,870	41	1,500	33	25	19
628 HDHT8-24	14,975	41	1,440	32	24	18
630 HDHT8-20	16,460	41	1,200	27	20	15
816 HDHT8-58	9,770	64	3,480	77	58	43
820 HDHT8-40	12,300	64	2,400	53	40	30
824 HDHT8-30	14,500	64	1,800	40	30	22
826 HDHT8-30	20,100	64	1,800	40	30	22
827 HDHT8-27	18,215	64	1,620	36	27	20
828 HDHT8-24	21,300	64	1,440	32	24	18
830 HDHT8-20	19,995	64	1,200	27	20	15
1016HDHT8-60	13,790	85	3,600	80	60	45
1020HDHT8-41	16,920	85	2,460	55	41	31
1024HDHT8-31	17,490	85	1,860	41	31	23
1026HDHT8-28	19,560	85	1,620	36	27	20
1027HDHT8-25	20,110	85	1,500	33	25	19
1028HDHT8-24	22,310	85	1,440	32	24	18
1030HDHT8-20	23,400	85	1,200	27	20	15

Premium XL

10 & 12 in. Hi-Tensile Steel Double Wall Trench Shield

Uses:

Premium XL shields are engineered to withstand heavy soil pressure. This model is designed to be used with high capacity excavators. With 10 or 12 in. thick sidewalls and heavy duty spreaders, the shield is capable of handling deep, wet soil pressures on tough jobs.

Features:

- Extra heavy steel plate and structural members.
- Extra heavy duty spreader system.
- Reinforced top rails.
- Double tube top rails.
- Adjustable and stackable.
- Thru-wall lifting lugs.
- Four-point lift system.
- Thru-wall collars.
- Triple vertical tube collar post design.
- Pinned spreader connections.
- Strongest knife edge in the industry.
- Plug welding on double wall shields.
- High strength mill certified steel.
- Professional Engineer design and depth certification.

Options:

- Pushing blocks.
- Pulling lugs.
- Foam filler.
- Mud plate.
- Corner brackets.
- Custom spreader location.
- Custom paint.
- Stacking Pockets.
- T-connection cut-outs.

Spreader Options:

- 10" schedule 120 (standard).
- 3-pipe and mud plate set.
- 4-pipe independent set.
- 4-pipe connected set.
- 5-pipe independent set.
- 5-pipe connected set.



PXL Sidewall 10 in. Steel Double Wall Trench Shield						
Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (In.)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type		
				B	C-60	C-80
420 PXL	9,180	22	2,820	63	47	35
424 PXL	10,670	22	2,460	55	41	31
427 PXL	13,200	22	1,980	44	33	25
430 PXL	14,630	22	1,620	36	27	20
432 PXL	15,050	22	1,440	32	24	18
620 PXL	12,910	41	2,280	51	38	28
624 PXL	14,500	41	1,560	35	26	19
627 PXL	16,600	41	1,200	27	20	15
630 PXL	18,060	41	960	21	16	12
632 PXL	19,070	41	840	19	14	10
820 PXL	15,050	65	2,460	55	41	31
824 PXL	17,450	65	1,680	37	28	21
827 PXL	19,400	65	1,260	28	21	16
830 PXL	21,070	65	1,020	23	17	13
832 PXL	22,320	65	900	20	15	11
1020 PXL	18,318	85	2,160	48	36	27
1024 PXL	21,380	85	1,800	40	30	22
1027 PXL	23,700	85	1,380	31	23	17
1030 PXL	25,940	85	1,020	23	17	13
HT12 Sidewall 12 in. Steel Double Wall Trench Shield						
1050 HT12	41,050	85	600	13	10	8