

XLSM3 & XLDM3

3 inch Steel Single and Double Wall Municipal Shields



Uses: The XLSM3 and XLDM3 have narrow 3" single and double wall panels. These lightweight shields are designed for use with tractor 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.
- 4 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 depth certification chart.

Options:

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

Spreader Options:

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



XLSM3



XLDM3

XLSM3 Sidewalls 3 - Inch Steel Single Wall Municipal Trench Shield						
Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (inches)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type**		
				A	B	C
410 XLSM3	1,450	22	600	24	13	10
412 XLSM3	1,650	22	480	19	11	8
414 XLSM3	1,850	22	420	17	9	7
416 XLSM3	2,100	22	360	14	8	6
68 XLSM3	1,650	36	960	38	21	16
610 XLSM3	2,030	36	780	31	17	13
612 XLSM3	2,310	36	540	22	12	9
614 XLSM3	2,740	36	420	17	9	7
616 XLSM3	3,140	36	360	14	8	6
88 XLSM3	2,000	36	960	38	21	16
810 XLSM3	2,460	36	600	24	13	10
812 XLSM3	2,800	36	480	19	11	8
814 XLSM3	3,510	36	420	17	9	7
816 XLSM3	4,080	36	360	14	8	6

Efficiency Production, Inc.

XLDM3 Sidewalls 3 - Inch Steel Double Wall Municipal Trench Shield						
Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (inches)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type**		
				A	B	C
48 XLDM3	1,560	22	1740	70	39	29
410 XLDM3	1,870	22	1080	43	24	18
412 XLDM3	2,110	22	780	31	17	13
414 XLDM3	2,350	22	600	24	13	10
416 XLDM3	2,660	22	480	19	11	8
68 XLDM3	2,160	36	1500	60	33	25
610 XLDM3	2,580	36	1140	46	25	19
612 XLDM3	2,960	36	840	34	19	14
614 XLDM3	3,360	36	600	24	13	10
616 XLDM3	3,800	36	480	19	11	8
88 XLDM3	2,720	36	1500	60	33	25
810 XLDM3	3,270	36	1140	46	25	19
812 XLDM3	3,730	36	720	29	16	12
814 XLDM3	4,280	36	720	29	16	12
816 XLDM3	4,850	36	600	24	13	10

Efficiency Production, Inc.

All shields must be used in accordance with OSHA 29 CFR Part 1926 Subpart P (Federal, State, or local) under the direction of a competent person or qualified person.

*Inside length clearance is approximately 2 feet less than overall length of trench shield. Other sizes available upon request.
 **PSF Ratings and depths are based on short term exposure with excavation open a period of time equal to 24 hours or less. Consult manufacturer should long term exposure be required. Depths are based on A, B, C soil types as described in OSHA's 29 CFR Part 1926 Subpart P, 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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PROTECTION, PRODUCTION, PROFITS.

XLSM & XLDM

4 inch Steel Single and Double Wall Municipal Shields



Uses: The XLSM and XLDM are lightweight 4" steel trench shields that can be handled by backhoe/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.
- 4 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 depth certification chart.

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 Sidewalls 4 - Inch Steel Single Wall Municipal Trench Shield							
	Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (inches)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type**		
					A	B	C
4 ft. High Walls	44 XLSM	790	22	1,800	72	40	30
	46 XLSM	1,020	22	1,800	72	40	30
	48 XLSM	1,220	22	1,380	55	31	23
	410 XLSM	1,490	22	900	36	20	15
	412 XLSM	1,700	22	660	26	15	11
6 ft. High Walls	64 XLSM	1,060	36	1,800	72	40	30
	66 XLSM	1,390	36	1,320	53	29	22
	68 XLSM	1,710	36	1,020	41	23	17
	610 XLSM	2,080	36	840	34	19	14
	612 XLSM	2,410	36	660	26	15	11
8 ft. High Walls	84 XLSM	1,260	36	1,800	72	40	30
	86 XLSM	1,670	36	1,320	53	29	22
	88 XLSM	2,020	36	960	38	21	16
	810 XLSM	2,490	36	720	29	16	12
	812 XLSM	2,900	36	720	29	16	12
XLDM Sidewalls 4 - Inch Steel Double Wall Municipal Trench Shield							
	Model (Ht. x Lg.)	Weight (Lbs.)	Pipe Clearance "C" (inches)	Shield Capacity (PSF)	Depth of Cut (Ft.) Soil Type**		
					A	B	C
4 ft. High Walls	46 XLDM	1,510	22	2220	89	49	37
	48 XLDM	1,810	22	2220	89	49	37
	410 XLDM	2,160	22	1500	60	33	25
	412 XLDM	2,460	22	1080	43	24	18
	414 XLDM	2,750	22	780	31	17	13
6 ft. High Walls	416 XLDM	3,110	22	660	26	15	11
	66 XLDM	1,950	36	2220	89	49	37
	68 XLDM	2,380	36	2220	89	49	37
	610 XLDM	2,890	36	2160	86	48	36
	612 XLDM	3,320	36	1500	60	33	25
8 ft. High Walls	614 XLDM	3,740	36	1080	43	24	18
	616 XLDM	4,250	36	840	34	19	14
	86 XLDM	2,450	36	2220	89	49	37
	88 XLDM	2,970	36	2220	89	49	37
	810 XLDM	3,600	36	2100	84	47	35
	812 XLDM	4,120	36	1320	53	29	22
	814 XLDM	4,920	36	1320	53	29	22
	816 XLDM	5,500	36	1080	43	24	18

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