

4 in. “Xtra Light” Steel Single Wall Trench Shield

Purpose:

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

Common Applications:

- Sanitary Sewer & Water Valves
- Water Main
- Storm Sewer

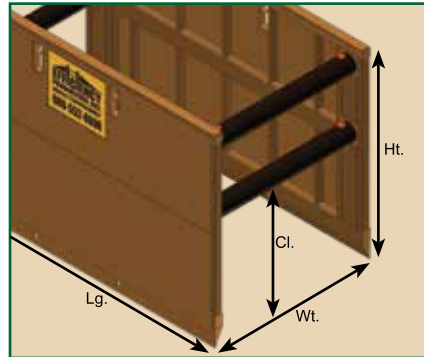
Collar & Spreader Options:

- 3¾ in. collar pipe for 4” schedule 40 spreaders (standard)
- 5 in. collar pipe for 6” schedule 80
- 4-pipe independent
- 5-pipe independent
- Custom collar sizes available

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Trench Shield Nomenclature

XLS-620 (Model-Ht.Lg.) =
 Xtra-Light Single wall
 trench shield (with 4 in. sidewalls)
 6 ft. high, 20 ft. long

XLS 4 in. Steel Single Wall Trench Shield							
Model (Ft.) <i>XLS-Ht.Lg.</i>	Weight (Lbs.)	Pipe Cl. (In.)	Shield Capacity		Depth of Cut (Ft.) Soil Type		
			(PSF)	(kPa)	B	C-60	C-80
XLS-48	1,800	22	2,220	107	49	37	28
XLS-410	2,140	22	1,500	72	33	25	19
XLS-412	2,460	22	1,020	49	23	17	13
XLS-416	3,060	22	660	32	15	11	8
XLS-420	3,560	22	480	23	11	8	6
XLS-68	2,460	41	2,220	107	49	37	28
XLS-610	2,900	41	1,320	63	29	22	16
XLS-612	3,470	41	1,080	52	24	18	13
XLS-616	4,530	41	660	32	15	11	8
XLS-620	5,370	41	480	23	11	8	6
XLS-88	2,930	64	1,500	72	33	25	19
XLS-810	3,520	64	1,140	55	25	19	14
XLS-812	4,140	64	840	40	19	14	10
XLS-816	5,290	64	660	32	15	11	8
XLS-820	6,340	64	480	23	11	8	6

Others sizes available upon request

Depth Rating derived by dividing Shield Capacity (PSF) by soil type rating, i.e. 1,200 PSF / C-60 = 20 Ft.