

# Manhole Trench Shields



## MH Series

The square manhole trench shield configuration provides the needed inside clear span while reducing the amount of excavation and restoration required. The Manhole Trench Shield is built off the same rugged frame as a 4M trench shield. Cut-outs and replaceable doors are available.

The MH Series is designed to use 5" Sch. 80 (5DS) connected spreaders which are included with the shields and provide up to 45" of vertical pipe clearance. The MH Series is suited for 40,000 lb. to 60,000 lb. excavators.

Optional cut-out sizes available:

24" x 24" & 36" x 36"



Model	Size			Pipe Clearance	Weight (lbs.)	Shield Cap (PSF)*	Maximum Depth per Soil Type (ft.)*			
	H	W	L				A	B	C-60	C-80
<b>SINGLE-WALL</b>										
MH8SW	8'	8'	8'	45"	3717	655	30	19	15	12
MH10SW	8'	10'	10'	45"	4270	426	21	13	11	9
MH48SW	4'	8'	8'	N/A	2533	844	37	22	17	13
MH410SW	4'	10'	10'	N/A	2920	575	25	15	12	9
<b>DOUBLE-WALL</b>										
MH8DW	8'	8'	8'	45"	4387	2160	90	52	40	31
MH10DW	8'	10'	10'	45"	5084	1641	70	40	31	25
MH12DW	8'	12'	12'	45"	5781	1297	56	33	26	20
MH48DW	4'	8'	8'	N/A	2866	2160	88	50	38	29
MH410DW	4'	10'	10'	N/A	3332	1813	75	42	32	25
MH412DW	4'	12'	12'	N/A	3999	1347	56	32	24	19
<b>DOUBLE-WALL WITH CUT-OUTS</b>										
MH8DW w/CO	8'	8'	8'	45"	4387	1924	81	47	36	28
MH10DW w/CO	8'	10'	10'	45"	5084	1252	54	32	25	20
MH12DW w/CO	8'	12'	12'	45"	5781	879	39	24	19	15

Additional sizes are also available



Model	Size		Weight (lbs.)	Shield Cap (PSF)*	Maximum Depth per Soil Type (ft.)*			
	Dia.	H			A	B	C-60	C-80
RMH 8.5 x 4	8.5'	4'	920	1920	32	32	32	21
RMH 8.5 x 8	8.5'	8'	1609	1920	32	32	32	21
RMH 10 x 4	10'	4'	1100	1862	32	32	32	21
RMH 10 x 8	10'	8'	1969	1862	32	32	32	21
RMH 8.5 x 8 w/RC	8.5'	8'	2319	1649	25	25	25	17
RMH 10 x 8 w/RC	10'	8'	2675	1649	25	25	25	17

Additional sizes are also available

### Optional Replaceable cut-out (RC) sizes:

RMH 8.5 x 8 w/RC - Two (2) 55" w x 40" h, One (1) 29" w x 24" h

RMH 10 x 8 w/RC - Two (2) 72" w x 48" h, One (1) 41" w x 30" h

## RMH Series

Specially designed for personal protection during manhole installations and repair work, the Round Manhole Shields feature high strength corrugated steel walls with reinforced top and bottom rings.

Optional cut-outs and replaceable doors are available as are adjustable leg kits. Round Manhole Shields are designed to be used with rubber tired backhoes.