

# 3" Manhole Brace



## 3" Manhole Brace

The 3" Manhole Brace is a hydraulic bracing system designed to bridge the gap between our 2" Manhole Brace and the MD Brace System.

Specifically designed to be used with a power pump, the dual action design of the system enables controlled expansion and retraction of all cylinders in use.

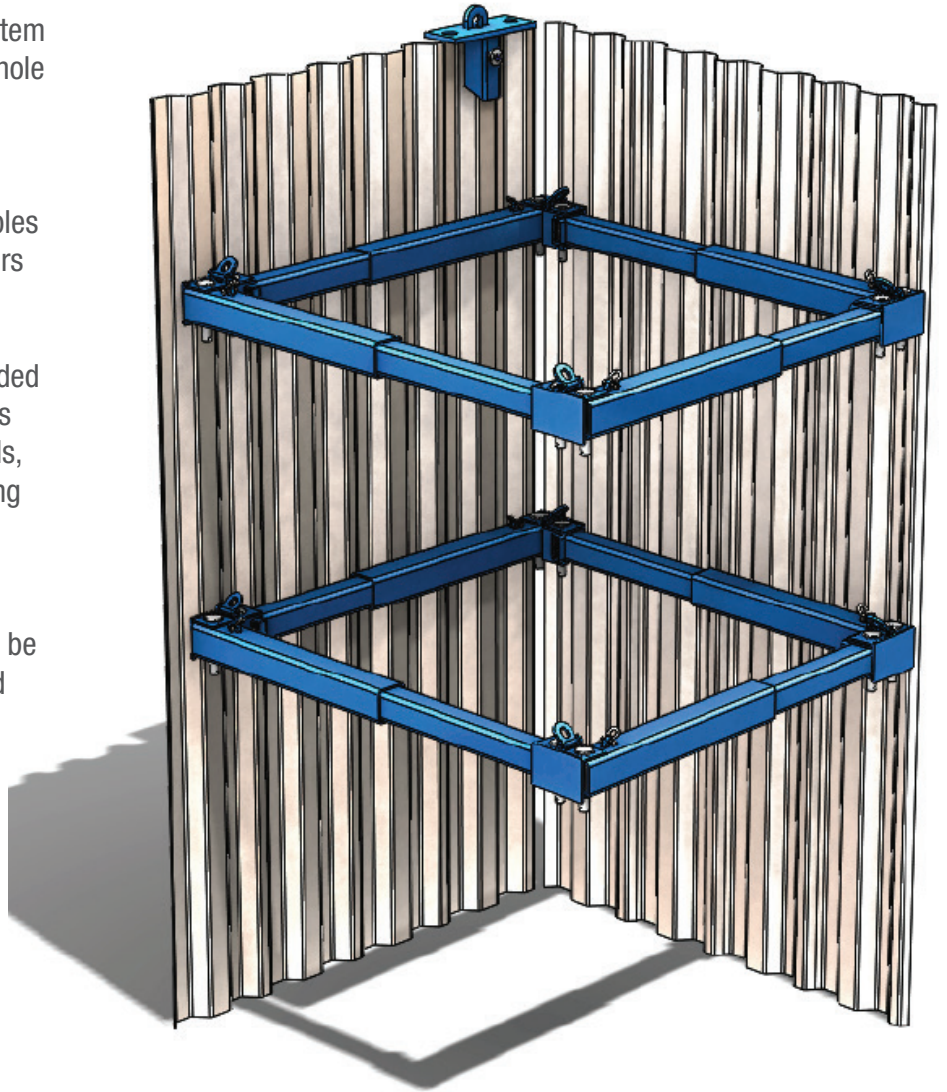
Designed and engineered to work in 2- and 4-sided applications, the 3" Dual Action Manhole Shore is able to incorporate a variety of sheeting materials, including the GME Steel Overlap Sheeting, making the system ideal for vaults, C.I.P. projects, pump stations and many more projects.

When used as a four sided system, each leg can be expanded or retracted, enabling irregular shaped excavations to be safely and securely shored.

Using the system in two-sided application, the 3" Dual Action Manhole Shores can be attached to walers, enabling the system to achieve large, uninterrupted spans. Ideal for vault and pump station use.

### Features:

- 3' Stroke
- 3" Steel, dual action hydraulic cylinders
- Pin on extensions
- 2-ways brackets for two-sided systems
- Corners for four-sided applications
- Certified by a Registered Professional Engineer to meet or exceeded OSHA standards
- Made in the U.S.A.



# 3" Manhole Brace Configurations & Charts

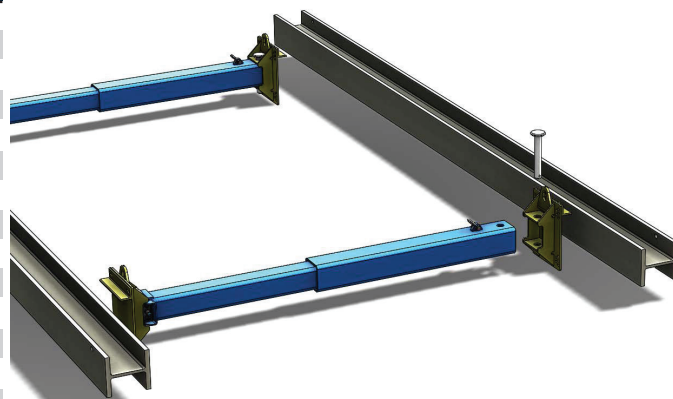
Two Sided Trench\*

4' O.C. Vertical Spacing of Bracing

Max Span (feet)	Maximum Depth per Soil Type (ft.)			
	A	B	C-60	C-80
7	30	25	25	10
8	30	25	25	10
9	30	25	25	10
10	30	25	25	10
11	30	25	25	10
12	30	25	25	10
13	30	25	25	10
14	30	25	25	10
15	30	25	23	10
16	30	25	21	10
17	30	25	20	10
18	30	23	18	10
19	30	21	16	10
20	30	19	15	10
21	29	18	14	10
22	27	16	13	10
23	25	15	12	10
24	23	14	12	10

3' O.C. Vertical Spacing of Bracing

Max Span (feet)	Maximum Depth per Soil Type (ft.)			
	A	B	C-60	C-80
7	30	25	25	10
8	30	25	25	10
9	30	25	25	10
10	30	25	25	10
11	30	25	25	10
12	30	25	25	10
13	30	25	25	10
14	30	25	25	10
15	30	25	25	10
16	30	25	25	10
17	30	25	24	10
18	30	25	22	10
19	30	25	20	10
20	30	23	18	10
21	30	21	17	10
22	30	20	15	10
23	30	18	14	10
24	28	17	13	10



Two-Sided 3" Dual Action Manhole Brace System

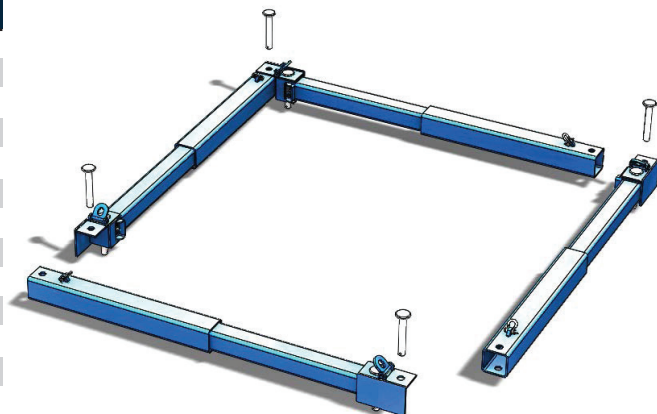
Four Sided Pit

4' O.C. Vertical Spacing of Bracing

Max Span (feet)	Maximum Depth per Soil Type (ft.)			
	A	B	C-60	C-80
7	30	25	25	10
8	30	25	25	10
9	30	25	25	10
10	30	25	25	10
11	30	25	25	10
12	30	25	25	10
13	30	25	24	10
14	30	25	22	10
15	30	25	20	10
16	30	23	18	10
17	30	22	17	10
18	30	20	16	10
19	30	18	15	10
20	27	17	13	10
21	25	15	12	10
22	23	14	12	10
23	21	13	11	9
24	20	12	10	9

3' O.C. Vertical Spacing of Bracing

Max Span (feet)	Maximum Depth per Soil Type (ft.)			
	A	B	C-60	C-80
7	30	25	25	10
8	30	25	25	10
9	30	25	25	10
10	30	25	25	10
11	30	25	25	10
12	30	25	25	10
13	30	25	25	10
14	30	25	25	10
15	30	25	24	10
16	30	25	22	10
17	30	25	21	10
18	30	24	19	10
19	30	22	17	10
20	30	20	16	10
21	30	18	14	10
22	28	17	13	10
23	26	16	12	10
24	24	14	11	9



Four-Sided 3" Dual Action Manhole Brace System