MANHOLE BRACES

Manhole Braces are designed to shore square, rectangular or linear trench line excavations. They provide 2 or 4-way hydraulic support against the trench walls to create an obstruction-free area which permits adequate working room for the installation of manholes, vaults, pipe joints or the operation of boring equipment. They can be used with several different types of sheeting, as described in the manufacturer's tabulated data. Each of the four sides of a manhole shore can be independently pressurized, and also can pivot laterally, to provide proper shoring to the excavation, even if it is somewhat irregular in shape. Manhole Shores are easily transported as four individual cylinder and tube sections, and quickly assemble at the job site.

For over 50 years, Trench Shoring Company has provided the most extensive inventory, personalized customer service, and around-the-clock support. Our dedication to safety and service are key to our growth and customer satisfaction. Trench Shoring Company will be there to service your most challenging job requirements.

TRENCH SHORING™ COMPANY

"Commitment To Safety & Service"
Since 1973

Providing same day service from all our locations to Southern California, San Leandro/Bay Area, Sacramento, Bakersfield, Fresno, the San JoaquinValley and the Las Vegas, Nevada areas.

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MANHOLE BRACES

Manhole Braces

- Rugged steel box outer tube protects a steel hydraulic cylinder inside each strut.
- The 4-way hose bridle is designed to allow individual or simultaneous pressurization.
- Can be pressurized to fit square or rectangular pits.
- Lifting eyes on all four corners allow for easy installation and removal.
- Engineered to meet OSHA standards.
- Complete manufacturer's tabulated data, and installation / removal procedures are provided.

3" Dual Action Manhole Braces

- 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 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-way brackets for two-sided systems
- Corner brackets for four-sided applications.
- Certified by a Registered Professional Engineer to meet OSHA standards
- Made in the U.S.A.

Each leg of the system is independent for ease of transport and assembles on-site in a matter of minutes. The system features non-rigid corner brackets, heavy-duty lifting eyes, and quick-connect pins and keepers to form one of the most versatile shoring systems in the industry.

PROVIDING SAME DAY SERVICE FROM ALL OUR LOCATIONS

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Las Vegas, NV 89115
(702) 651-0920

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3" DUAL ACTION MANHOLE BRACE SPECIFICATIONS

ITEM#	MODEL	3MHB MANHOLE BRACE SYSTEM	WEIGHT (LBS)	RANGE (O.D) (MIN–MAX) (INCHES)
2210000055	3MHB-5.5	3MHB 5.5' – 8.5' HYDRAULIC STRUT	607	66" – 102"
2210000070	3MHB-7	3MHB 7' – 10' HYDRAULIC STRUT	683	84" – 120"
2210000090	3MHB-9	3MHB 9' – 12' HYDRAULIC STRUT	740	108" – 144"
2210000105	3MHB-10.5	3MHB 10.5' – 13.5' HYDRAULIC STRUT	801	126" – 162"
2210000120	3MHB-12	3MHB 12' – 15' HYDRAULIC STRUT	862	144" – 180"
2210000135	3MHB-13.5	3MHB 13.5' – 16.5' HYDRAULIC STRUT	920	162" – 198"
2210000150	3MHB-15	3MHB 15' – 18' HYDRAULIC STRUT	977	180" – 216"
2210000165	3MHB-16.5	3MHB 16.5' – 19.5' HYDRAULIC STRUT	1,035	198" – 234"
2210000180	3MHB-18	3MHB 18' – 21' HYDRAULIC STRUT	1,100	216" – 252"
2210000195	3MHB-19.5	3MHB 19.5' – 22.5' HYDRAULIC STRUT	1,150	234" – 270"
2210000210	3MHB-21	3MHB 21' – 24' HYDRAULIC STRUT	1,210	252" – 288"
BRACKETS FOR 2 AND 4 SIDED SYSTEMS				
2210009001	3MHB-4W	3MHB 4-WAY CORNER BRACKET 70# (1 PER LEG NEEDED)	70	N/A
2210009002	3MHB-2W	3MHB 2-WAY END PLATE BRACKET 75# (1 PER LEG NEEDED)	75	N/A
2210009003	3MHB-CPK	3MHB 1-1/2" X 10" CONNECTING PIN W/KEEPER (3 PER LEG NEEDED)		N/A
ACCESSORIES				
2210009000	3MHB-PUMP	3MHB MOTORIZED MANHOLE SHORE PUMP (BIO-UL TIMAX 1000 HYDRAULIC FLUID ONLY)	880	N/A
2210009004	3MHB-HOSE50	3MHB MANHOLE BRACE HOSE ASSEMBLY (1 PER LEG NEEDED)	15	N/A
2219008101	3MHB-HB	CHAIN HANGER (2 PER LEG MIN.)	8	N/A
2219008108	2219008108	1-LEG ADJUSTABLE CHAIN 5/16" X 8' (2 PER LEG MIN. NEEDED)	10	N/A
2219008420	2219008420	4-LEG ADJUSTABLE CHAIN 3/8" X 20'	65	N/A

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