

**Speed Shore Manhole Braces** combine the benefits of aluminum hydraulic shoring with the ruggedness of steel box tubing in the most effective support system ever developed for shaft excavations. Specifically designed for shoring square and rectangular excavations, this perimeter support system provides for an unobstructed shaft, and is generally used to secure pits for pump stations, the installation or rehabilitation of manholes, tanks and vaults, or the operation of trenchless technology equipment.



Manhole Braces, used in conjunction with appropriate sheeting, provide the active support necessary to secure safe excavations in less stable soils. Available in a wide variety of sizes and capacities, Manhole Braces are composed of modular sections for ease of assembly and transport. Manhole Braces feature 4-way hydraulic support with high-yield telescoping steel sections, and 4-way hose bridles for simultaneous

### **Additional Standard Manhole Brace Features:**

- 4-Way hydraulic support with high strength, telescoping steel tubing over-sleeves.
- Non-rigid corner brackets.
- Individual legs for on site assembly and easy transportation.
- Quick connect pins and keepers.
- Flexibility to fit square or rectangular excavations.
- 4-Way hose bridle for simultaneous cylinder pressurization
- 4-corner lifting eye for installation and removal.
- HVP-2000 high volume hand pump or HP-200 electric pump.

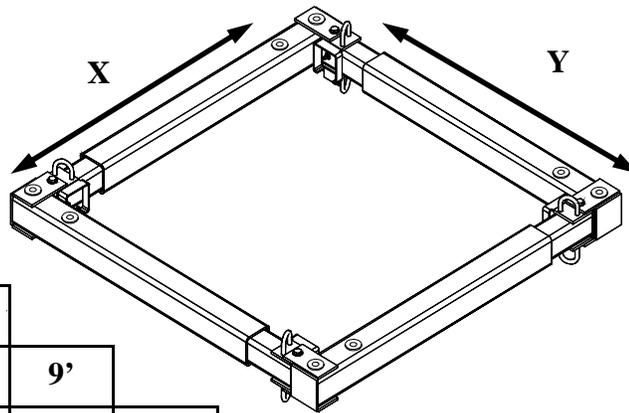


### 3" MANHOLE BRACE

- Notes:**
1. Figures in the chart below are collapsed (retracted) leg dimensions.
  2. All legs have a 3" internal cylinder with a 3' stroke.
  3. "X" and "Y" in the chart below denote the collapsed length of each side.
  4. 3" Manhole Braces have 6" steel box tubing oversleeves.

**Example: Model Number: MHB-3-0810**

A complete 8' X 10' MHB assembly comes with:  
 4 Legs with a maximum expansion to 11' X 13' (3' Cylinder stroke)  
 Weight is 1,595 lbs.



WEIGHT	Y																							
X	6'																							
6'	1,265	7'																						
7'	1,320	1,375	8'																					
8'	1,375	1,430	1,485	9'																				
9'	1,430	1,485	1,540	1,595	10'																			
10'	1,485	1,540	1,595	1,650	1,705	11'																		
11'	1,540	1,595	1,650	1,705	1,760	1,815	12'																	
12'	1,595	1,650	1,705	1,760	1,815	1,870	1,925	13'																
13'	1,650	1,705	1,760	1,815	1,870	1,925	1,980	2,035	14'															
14'	1,705	1,760	1,815	1,870	1,925	1,980	2,035	2,090	2,145	15'														
15'	1,760	1,815	1,870	1,925	1,980	2,035	2,090	2,145	2,200	2,255	16'													
16'	1,815	1,870	1,925	1,980	2,035	2,090	2,145	2,200	2,255	2,310	2,365	17'												
17'	1,870	1,925	1,980	2,035	2,090	2,145	2,200	2,255	2,310	2,365	2,420	2,475												



HVP-2000



HP-200

## Pioneer of the World's Most Advanced Trench Safety Systems



Shoring Shields\*   Vertical Shores   Water Systems   Excavation Braces   Modular Alum. Panel Systems   Aluminum Trench Shields   Steel Trench Shields   Manhole Shields   Manguard\* Shields   Slide-Rail Systems   Mega-Shore\* Systems   Bedding Boxes

### Speed Shore's NEW 10" Manhole Braces

combine the benefits of aluminum hydraulic shoring with the ruggedness of steel box tubing in the most effective support system ever developed for shaft excavations. Specifically designed for shoring square and rectangular excavations, this perimeter support system provides for an unobstructed shaft, and is generally used to secure pits for pump stations, the installation or rehabilitation of manholes, tanks and vaults, or the operation of trenchless technology equipment.



This NEW 10" Manhole Braces is designed to be used as a sheeting and brace type application. The benefit of this system is the hydraulic adjustable 36" inner-sleeve assembly. Used in conjunction with appropriate sheeting, they provide the active support necessary to safely secure excavations.

### **SCENARIOS USING ONE SINGLE BRACE ASSEMBLY**

- Type A soil; 25' x 25' x 16' deep using KD VI/8 sheeting 18' long (2' of toe).
- Type B soil; 30' x 30' x 12' deep using KD VI/8 sheeting 14' long (2' of toe).
- Type B soil; 20' x 20' x 18' deep using KD VI/8 sheeting 22' long (4' of toe).
- Type C soil; 20' x 20' x 15' deep using KD VI/8 sheeting 21' long (6' of toe).

### **Additional Standard Manhole Brace Features:**

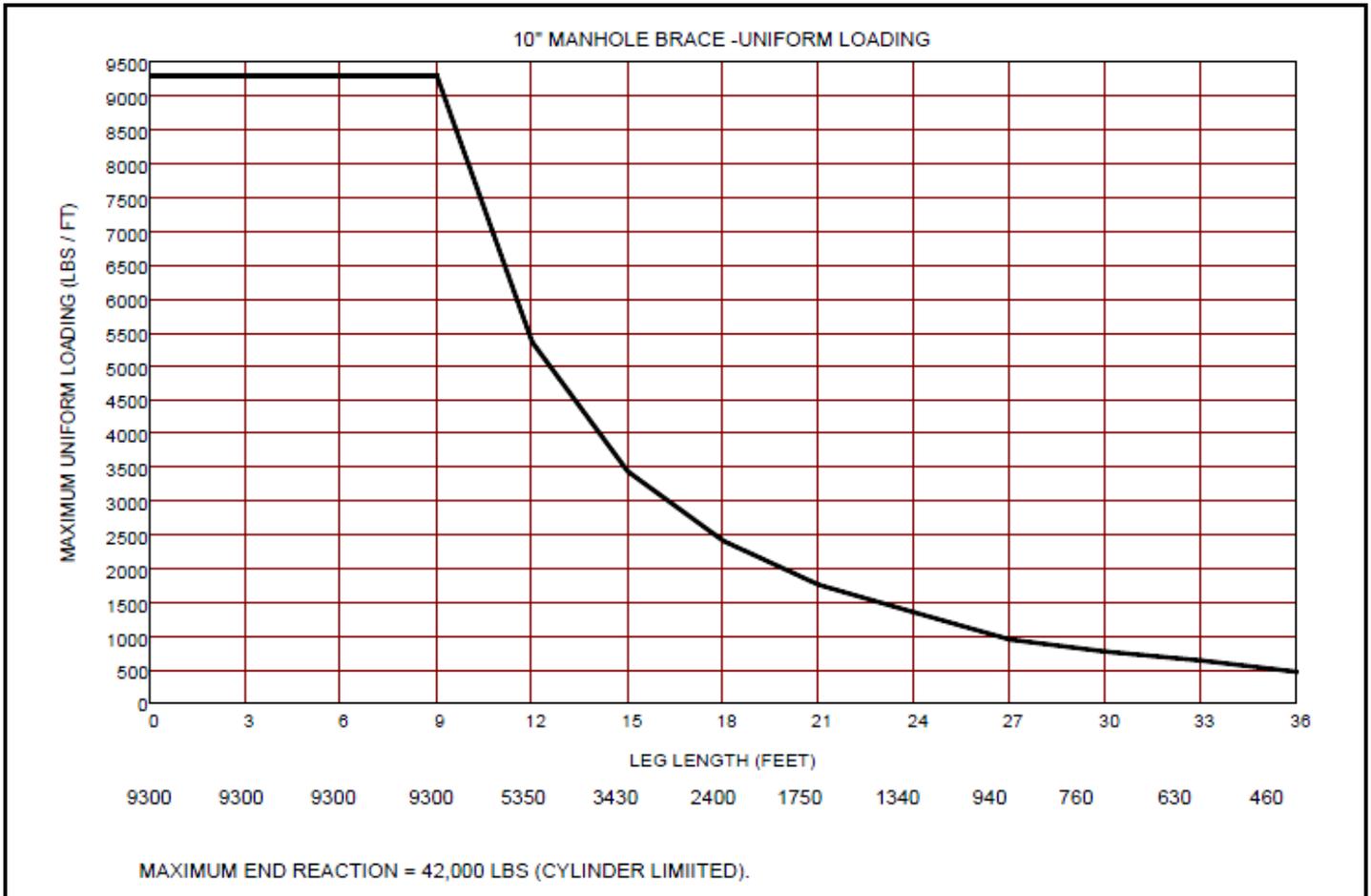
- 4-Way hydraulic support with high strength, telescoping steel tubing over-sleeves.
- Non-rigid corner brackets.
- Individual legs for on site assembly and easy transportation.
- Quick connect pins and keepers.
- Flexibility to fit square or rectangular excavations.
- 4-Way hose bridal for simultaneous cylinder pressurization or multiple pumps may be used.
- 4-corner lifting eye for installation and removal.
- HVP-2000 high volume hand pump or HP-200 electric pump.
- Easy to use release tools.

### 3" MANHOLE BRACE with 10" Over-Sleeves

#### Weights

Inner-sleeve: 8" inner-sleeve, corner bracket and 3" cylinder - 380 pounds

Over-Sleeve: 48 pounds / linear ft.



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