

# Manhole Braces

## COMPONENT LIST



### Key Features

- Robust**  
Designed to be less prone to damage
- Range of Leg Lengths**  
Supplied in 6 different leg lengths to accommodate varying sheet to sheet dimensions on site
- 2 Sizes of Hydraulic Rams**  
To accommodate different levels fine & coarse adjustment on site the shorter legs have 500mm stroke whereas the longer legs have a 1200mm stroke
- Improved Safety**  
Integral lifting & suspension points eliminates loose fittings.

EN14653  
EN1090

### 1 Legs

Code	Description	Weight
HFU11318	Manhole Leg A Assembly 1335-1835mm	131kg
HFU11722	Manhole Leg B Assembly 1734-2234mm	147kg
HFU12126	Manhole Leg C Assembly 2104-2604mm	159kg
HFU12537	Manhole Leg D Assembly 2539-3739mm	315kg
HFU13648	Manhole Leg E Assembly 3638-4838mm	373kg
HFU14759	Manhole Leg F Assembly 4738-5938mm	431kg

### 2 Ultraquard

Code	Description	Weight
SAX10600	Ultraquard Barrier 600mm	5.0kg
SAX12550	Ultraquard Barrier 2550mm	17.3kg
SAX13150	Ultraquard Barrier 3150mm	25.0kg
SAX11200	Ultraquard Post 12m	220kg
OPU40001	Edgesafe Connectors - Box, Sheet Type	4.0kg

### 3 Ladder Access Platform

Code	Description	Weight
OPU50120	Ladder Access Platform - Boxes, Sheet	140kg

### 4 Davit Recovery System

Code	Description	Weight
SUU10001	Safety - Davit Recovery System Comp B/M	50.0kg
SUU10009	Safety - Davit Recovery System Comp F/M	42.0kg

### 5 Restraint Chains

Code	Description	Weight
VAU10010	H/Duty Shackle-Shackle 2500/9	13.0kg
VAU10011	H/Duty Shackle-Hook 2500/9	13.0kg

### 6 Manhole Brace T Pin & R Clip

Code	Description	Weight
HFU10000	Manhole Brace Tee Pin 40mm	2.44kg
VAU10043	R Clip x 100mm	0.1kg

### 7 Pump Bucket

Code	Description	Weight
VAU10002	Double Acting Bucket Pump	18.0kg
VAU10005	Hydraulic Connecting Hose (3m)	-
VAU10006	Hydraulic Connecting Hose (6m)	-
VAU10007	3 Way Bridle	-

### Manhole Brace Leg Adaptor

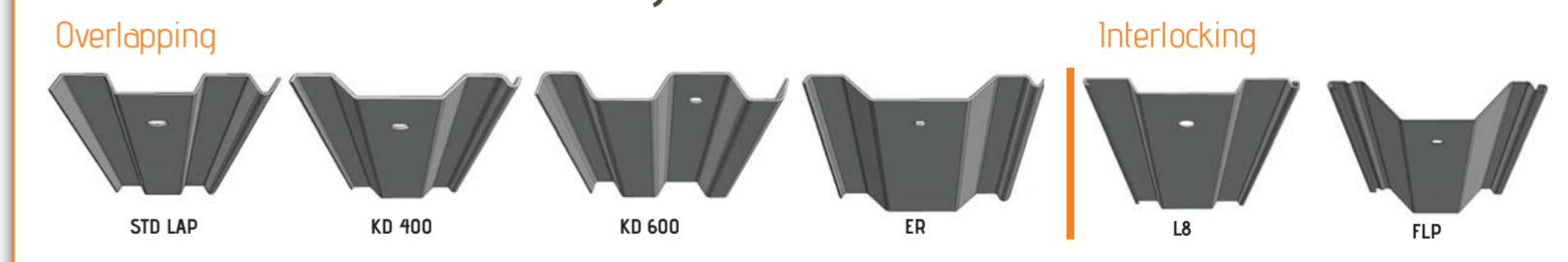
Code	Description	Weight
HFU10155	DAMHB DEF-ABC Female Adaptor 135mm	113kg
HFU10155	DAMHB ABC-DEF Male Adaptor 155mm	9.91kg

Male & Female adaptors enable connection of different leg lengths at corners for rectangular digs.

### Ancillary Equipment

Code	Description	Weight
VAU10023	Ancil Equipment Pitching Shackle - 3T	16.0kg
VAU10024	Ancil Equipment Pitching Shackle - 6T	17.0kg
VAU10026	Ancil Equipment Trench Sheet Extractor - 3T	15.0kg
VAU10027	Ancil Equipment Trench Sheet Extractor - 6T	15.0kg
VAU10028	Ancil Equipment British Standard Driving Cap	3.0kg
VAU10030	Ancil Equipment KD Driving Cap	3.0kg
VAU10019	4 Leg Chains 3m - SWL 6.7Ton 10mm	215kg
VAU10020	4 Leg Chains 5m - SWL 6.7Ton 10mm, 13mm hook	60.0kg
VAU10021	1 Leg Chain - SWL 12.5Ton 20mm	275kg
VAU10044	16mm Swivel Set Chain Connector	0.4kg

## Trench Sheet Range



Profile	Steel Grade	Width (mm)	Depth (mm)	Weight (kg/m)	Weight (kg/m <sup>2</sup> )	Section Modulus Z (cm <sup>3</sup> /m)	Moment Capacity (kNm/m)
<b>OVERLAPPING</b>							
Standard 330	S275	330	34.5	11.4	34.4	45.7	8.4
KD 400/6	S275	400	50	22.2	55.6	98.8	18.1
KD 600/6	S275	600	78	37.4	62.4	184.0	33.7
KD 600/8	S275	600	80	50.0	83.3	237.0	43.4
ER 750/8	S355	742	94	53.6	72.2	254.0	60.1
<b>INTERLOCKING</b>							
L8	S275	434	37.5	14.5	33.3	52.3	9.6
FLP 600/3.5	S275	600	127.5	22.9	38.3	183.0	33.5
FLP 600/6	S275	600	130	38.8	64.6	306.0	56.1
FLP750/8	S275	750	285	76.6	102.0	1044.0	191.4

\*Note - Trench Sheets are available in varying lengths up to 14.0m

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