

# HYGIENIC STAINLESS STEEL MANWAYS

## Memtech



We offer a comprehensive and versatile range of access and inspection units comprising of a wide range of configurations to suit most applications within the Process Industries. Special requirements can often be accommodated to order.

### Features

- > **Manufactured in 316/316L stainless steel**
- > **Inward and outward opening**
- > **Hand wheels provide secure and easy 'no tool' opening.**
- > **Circular, oval and rectangular designs**

### Options

- > **EPDM or Silicone seal options (natural rubber & Viton also available)**
- > **Extended skirt options available**
- > **Finishes to customers specification**
- > **Range of ancillary tank components**

# HYGIENIC STAINLESS STEEL MANWAYS

## Memtech

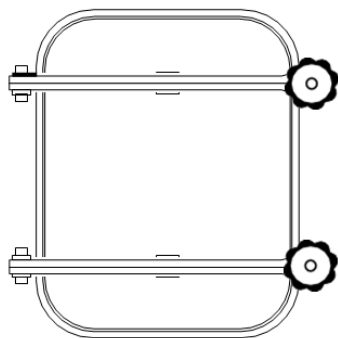
### STANDARD HYGIENIC RANGE

Available in a wide range of configurations to suit most applications within the Process Industries

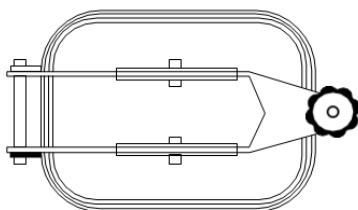
316 stainless steel construction  
Sizes range from 150mm to 600mm  
Larger sizes available to order

Autoclavable rectangular and oval units  
Positive sealing arrangement helps prevent contamination or leaking  
Inward and outward opening  
EPDM and Silicone seal options

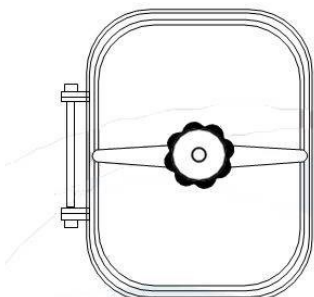
**NB: We recommend that the Tank Manway skirt is used as a template for cutting purposes**



| STANDARD - RECTANGULAR, VERTICAL, OPENING OUTWARDS |                 |              |                 |               | 316         |
|----------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                        | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 175x225                                            | 40x5            | 1            | 3.4             | 0.6           | 880-5XX-H08 |
| 153x288                                            | 60x6            | 1            | 4.5             | 0.5           | 880-5XX-H10 |
| 310x420                                            | 60x8            | 1            | 11.0            | 0.5           | 880-5XX-H14 |
| 410x530                                            | 60x8            | 2            | 22.0            | 0.8           | 880-5XX-H54 |
| 740x450                                            | 70x10           | 6            | 45.0            | 0.8           | 880-5XX-PR7 |



| STANDARD - RECTANGULAR, HORIZONTAL, OPENING OUTWARDS |                 |              |                 |               | 316         |
|------------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                          | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 310x420                                              | 60x8            | 1            | 12.0            | 0.6           | 880-5XX-I14 |
| 410x530                                              | 60x12           | 2            | 25.0            | 0.7           | 880-5XX-I54 |

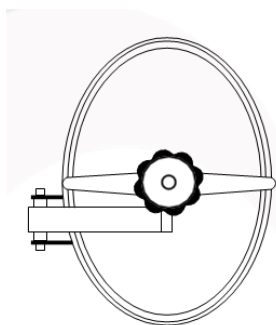


| STANDARD - RECTANGULAR, VERTICAL, OPENING INWARDS |                 |              |                 |               | 316         |
|---------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                       | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 310x420                                           | 60x10           | 1            | 10.0            | 2.5           | 880-5XX-A14 |
| 410x530                                           | 60x12           | 2            | 18.0            | 1.5           | 880-5XX-A54 |

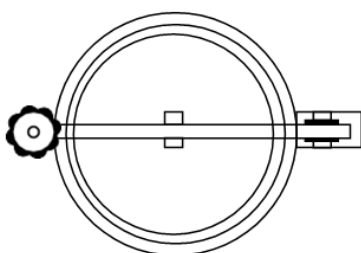


# HYGIENIC STAINLESS STEEL MANWAYS

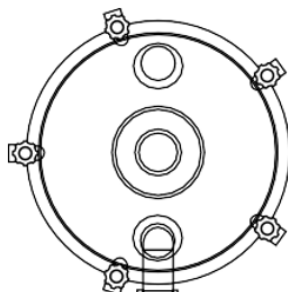
## Memtech



| STANDARD - OVAL MANWAY, OPENING INWARD (H52 OUTWARD) |                 |              |                 |               | 316         |
|------------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                          | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 310x440                                              | 60x8            | 1            | 8.0             | 2.0           | 880-5XX-E08 |
| 518x442                                              | 60x12           | 1            | 19.8            | 6.0           | 880-5XX-E09 |
| 310x440                                              | 60x8            | 1            | 8.0             | 2.0           | 880-5XX-E12 |
| 310x440                                              | 80x8            | 1            | 8.0             | 0.5           | 880-5XX-H52 |



| STANDARD - CIRCULAR, SINGLE LEVER CLOSURE, OPENING OUT |                 |              |                 |               | 316         |
|--------------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                            | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 150                                                    | 90x2            | 1            | 1.9             | 0.5           | 880-5XX-L02 |
| 200                                                    | 80x2            | 1            | 2.0             | 0.4           | 880-5XX-L04 |
| 300                                                    | 65x2            | 1            | 4.0             | 0.2           | 880-5XX-L14 |
| 400                                                    | 65x2            | 1            | 4.5             | 0.0           | 880-5XX-L50 |
| 514                                                    | 75x3            | 1            | 12.0            | 0.1           | 880-5XX-L70 |



| STANDARD - CIRCULAR, HINGE & CLAMP EDGE, OPENING OUT |                 |              |                 |               | 316         |
|------------------------------------------------------|-----------------|--------------|-----------------|---------------|-------------|
| Access (mm)                                          | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Code        |
| 300                                                  | 65x2            | 3            | 5.0             | 0.1           | 880-5XX-D04 |
| 400                                                  | 65x2            | 4            | 5.5             | 0.3           | 880-5XX-D44 |
| 514                                                  | 100x3           | 5            | 11.0            | 0.2           | 880-5XX-D64 |
| 594                                                  | 100x2.5         | 6            | 11.6            | 0.1           | 880-5XX-D86 |

# HYGIENIC STAINLESS STEEL MANWAYS

## Memtech

### ENHANCED HYGIENIC RANGE

Features a new glueless sealing arrangement enhancing its hygienic properties.

316L stainless steel construction

Fully certificated 316L materials to BS EN 10204

Outwards opening

Sizes range from 200mm to 1200mm

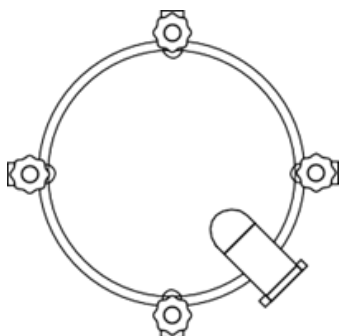
Vacuum rated to 100mBar absolute

EPDM and Silicone seal options

Domes, non-retentive structure

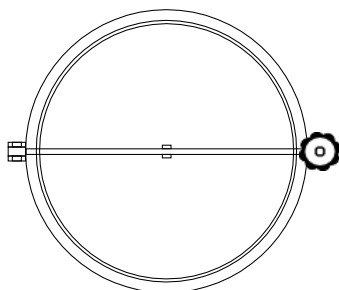
Mirror polished internally/externally

**NB:** We recommend that the Tank Manway skirt is used as a template for cutting purposes



#### HYGIENIC - CIRCULAR, HINGE & EDGE CLAMP CLOSURE 316L

| Access (mm) | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Vacuum (mBar) | Code         |
|-------------|-----------------|--------------|-----------------|---------------|---------------|--------------|
| 200         | 100x2.5         | 4            | 3.7             | 1.0           | 50            | 880-5XX-C20  |
| 300         | 100x2.5         | 4            | 5.5             | 0.5           | 50            | 880-5XX-C30  |
| 420         | 100x2.5         | 6            | 8.6             | 0.5           | 100           | 880-5XX-C42  |
| 460         | 100x2.5         | 5            | 9.0             | 0.4           | 100           | 880-5XX-C46  |
| 500         | 100x2.5         | 5            | 9.9             | 0.2           | 100           | 880-5XX-C50  |
| 600         | 100x2.5         | 5            | 15.0            | 0.2           | 100           | 880-5XX-C60  |
| 800         | 100x3.0         | 8            | 38.0            | 0.1           | 100           | 880-5XX-C80  |
| 1000        | 100x3.0         | 10           | 44.0            | 0.1           | 100           | 880-5XX-C100 |
| 1200        | 100x3.0         | 12           | 50.0            | 0.1           | 100           | 880-5XX-C120 |



#### HYGIENIC - CIRCULAR, SINGLE LEVER, SWIVEL HINGE 316L

| Access (mm) | Skirt Size (mm) | No of Clamps | Net Weight (Kg) | Max w/p (Bar) | Vacuum (mBar) | Code        |
|-------------|-----------------|--------------|-----------------|---------------|---------------|-------------|
| 200         | 100x2.5         | 1            | 3.6             | 0.6           | 50            | 880-5XX-T20 |
| 300         | 100x2.5         | 1            | 6.0             | 0.3           | 50            | 880-5XX-T30 |
| 420         | 100x2.5         | 1            | 10.0            | 0.2           | 100           | 880-5XX-T42 |
| 460         | 100x2.5         | 1            | 11.6            | 0.1           | 100           | 880-5XX-T46 |
| 500         | 100x2.5         | 1            | 13.0            | 0.1           | 100           | 880-5XX-T50 |
| 600         | 100x2.5         | 1            | 15.0            | 0.1           | 100           | 880-5XX-T60 |
| 700         | 100x3.0         | 1            | 20.0            | 0.1           | 100           | 880-5XX-T70 |
| 800         | 100x3.0         | 1            | 38.0            | 0.1           | 100           | 880-5XX-T80 |



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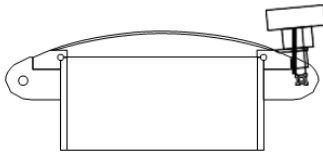
## Memtech

### HYGIENIC HIGH PRESSURE RANGE

Can withstand up to 10 Bar working pressure and is also vacuum rated.

316L stainless steel construction  
Fully certified 316L materials to BS EN 10204  
Sizes include 200mm, 350mm, 450mm & 500mm  
O ring seal design

NB: We recommend that the Tank Manway skirt is used as a template for cutting purposes



| STANDARD HIGH PRESSURE MANWAY, CIRCULAR |              |                 |                        |                              |                           |                  |                   | 316L        |
|-----------------------------------------|--------------|-----------------|------------------------|------------------------------|---------------------------|------------------|-------------------|-------------|
| Diam<br>(mm)                            | Size<br>(mm) | No of<br>Clamps | Nett<br>Weight<br>(Kg) | Working<br>Pressure<br>(Bar) | Working<br>Temp<br>(DegC) | Vacuum<br>(mBar) | Proof<br>Pressure | Code        |
| 200                                     | 95x6         | 3               | 7.0                    | 5.0                          | 150                       | 20               | 8.0               | 880-5XX-P03 |
| 200                                     | 95x4         | 4               | 9.0                    | 10.0                         | 165                       | 20               | 20.0              | 800-5XX-P05 |
| 350                                     | 95x8         | 4               | 17.0                   | 5.0                          | 150                       | 20               | 8.0               | 880-5XX-P08 |
| 350                                     | 95x4         | 5               | 18.0                   | 6.0                          | 150                       | 20               | 12.0              | 880-5XX-P09 |
| 350                                     | 95x4         | 6               | 22.0                   | 10.0                         | 165                       | 20               | 20.0              | 880-5XX-P10 |
| 450                                     | 95x8         | 4               | 25.0                   | 4.0                          | 20                        | 20               | 6.0               | 880-5XX-P12 |
| 450                                     | 95x8         | 5               | 26.0                   | 5.0                          | 150                       | 20               | 8.0               | 880-5XX-P13 |
| 450                                     | 95x4         | 6               | 27.0                   | 5.0                          | 150                       | 20               | 8.0               | 880-5XX-P14 |
| 450                                     | 95x4         | 8               | 28.0                   | 10.0                         | 165                       | 20               | 20.0              | 880-5XX-P15 |
| 500                                     | 95x8         | 4               | 33.0                   | 2.0                          | 20                        | 20               | 3.5               | 880-5XX-P16 |
| 500                                     | 95x8         | 6               | 29.0                   | 5.0                          | 20                        | 20               | 8.0               | 880-5XX-P17 |
| 500                                     | 95x4         | 6               | 32.0                   | 5.0                          | 150                       | 20               | 8.0               | 880-5XX-P18 |
| 500                                     | 95x4         | 8               | 33.0                   | 5.0                          | 165                       | 20               | 10.0              | 880-5XX-P19 |
| 500                                     | 95x4         | 10              | 34.0                   | 10.0                         | 165                       | 20               | 20.0              | 880-5XX-P20 |

### HYGIENIC INSPECTION PORTS

Allows for routine observation and cleaning of tanks and vessels.

316 stainless steel construction  
Sizes range from 100mm to 400mm  
EPDM and Silicone seal options

### ANCILLARY OPTIONS INCLUDE

Tank Bottom Valves  
Sight Glasses  
[Sprayballs](#)

Tank Vents  
Level Indicators  
Replacement Seals

### INSTALLATION NOTE

Dimensions are W x L in mm  
Sizes given for guidance only  
Where clearance/skirt height is critical please ask for information. Clearance refers to internal dimensions.  
We recommend that the Tank Manway skirt is used as a template for cutting purposes.

NB: Unless otherwise stated pressure are at ambient temperature