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Technical changes and imperfections  
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## **Specifications F60 Gas cylinder depots GD-MS**

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Version 1.2 | 7-4-2023

[Megasaver™ GD-MS models GD-MS 6 to GD-MS 24](#)

### **Design:**

- Designed for the storage of gas cylinders based on the guideline PGS 15:2016 version 1.0.

### **Main supporting structure:**

- Welded, steel structure made of blasted steel coated with approx. 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

### **Plating:**

- Walls and roof in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.
- Fire resistance of the sandwich panels = 60 minutes in accordance with:
- EN 6069: 2011.
- Test standards EN 1363-1 & 1364-1 (EI-60 for walls).
- Classification standard EN 13501-2.
- Fire resistance 60 minutes determined in case of fire from outside.

### **Fixing device:**

- Galvanized brackets with chain to secure 50 L norm cylinders per three (in depth).

### **Door:**

- Fitted with a door made of powder-coated steel in the color RAL 7037/gray.
- Mesh door lockable with espagnolette closure equipped with handle with cylinder lock.

### **Ventilation:**

- Optimal ventilation by applying mesh doors.

### **Hazard designation:**

- By pictograms "smoking and open flames prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version 1.1 | 3-2-2023

Megasaver™ GD-MS models GD-MS 6 through GD-MS 24 (CBF60)

### **Design/fire resistance:**

- The composite structure was assessed by the accredited testing institute Efectis®
- Efectis report , no.: 2016-Efectis-R000221[Rev.1]/GHJ/TNL.
- Designed as an independent fire compartment for gas cylinder storage in accordance with guideline PGS 15:2016 Version 1.0.
- Fire resistance of 60 minutes determined in case of a fire from outside and a fire from inside on all (applicable for the chosen use) criteria of PGS 15:2016 Version 1.0, Regulation 3.2.9.
- Main supporting structure determined according to European and Dutch standards.

### **Main supporting structure:**

- Welded, steel main supporting structure based on a structural strength calculation (for the chosen use) according to the Building Code and the aforementioned European and Dutch standards for steel structures:
- Steel construction made of bare steel, SA 2.5 shot blasted and coated with approx. 100 µm zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Fire resistance 60 minutes on "collapse" criterion (R-60 for main supporting structures).
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

### **Housing:**

- Roof and walls in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Isolation value [W/m<sup>2</sup>K]: 0.47 (according to EN ISO 6946)
- Sound insulation value (through air)  $R_w$  (C: Ctr): 32 dB
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.
- Fire resistance of the sandwich panels = 60 minutes in accordance with: NEN 6069: 2011, Test standards EN 1363-1 & 1364-1 (EI-60 for walls), Test standards EN 1364-2 (RE-60 for ceilings/roofs), Classification standard: EN 13501-2.

### **Door:**

- Executed with a single or double, self-closing, right-hand wing door in the short side.
- Door made of double-walled galvanized plate with a core of non-combustible and insulating material.
- Door leaf on inside and outside finished in RAL 7005/mouse gray.
- Door fitted as standard with latch, panic handle, cylinder lock and door closer including automatic Thermolock fire locking mechanism.
- Door rebates equipped with fire sealing strips so that they are automatically closed in case of fire.
- Door can be locked at an opening angle of about 90°, in case of fire the Thermolock breaks the lock and the door will close automatically in the latch bolt.
- Fire resistance of the door EI-1-60 minutes according to: Test standard: EN 1364-1, Classification standard: EN 13501-2, Insulation value W/m<sup>2</sup>K: 1.1 (according to EN 14351-1/A1:2010), Sound insulation value (through air)  $R_w$  (C: Ctr): 32 dB (according to EN ISO

140-3).

### **Ventilation openings:**

- Ventilation and venting by diametrically placed ventilation openings inside and outside finished with galvanized vane grilles.
- Standardly equipped with flame retardant mesh and fire resistant louvers to automatically close in case of fire.

### **Hazard designation:**

- By pictograms according to PGS 15, Ø and/or ? 200 mm, symbols: "smoking and open fire prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version 1.1 | 03-01-2020

Megasaver™ GD-MS models GD-MS 25 through GD-MS 75 (CBF0)

### **Design:**

- Designed for the storage of gas cylinders based on the guideline PGS 15:2016 version 1.0.

### **Main supporting structure:**

- Welded, steel structure made of blasted steel coated with approx. 100 µm Acraton zinc phosphate epoxy coating in RAL 7005/mouse gray.
- Construction on threshold-free frame with anchor plates for anchoring to a foundation.

### **Plating:**

- Walls in slightly profiled galvanized sandwich panels with a core made of non-combustible and insulating rock wool.
- Exterior color; a Myrialac® primer and polyester coating in RAL 7035/gray.
- Interior color; a Myrialac® primer and polyester coating in RAL 9002/white.
- Fire resistance of the sandwich panels = 60 minutes in accordance with:
- EN 6069: 2011.
- Test standards EN 1363-1 & 1364-1 (EI-60 for walls).
- Classification standard EN 13501-2.
- Fire resistance 60 minutes determined in case of fire from outside.

### **Fixing device:**

- Mounting device for bulk securing 50 L standard cylinders with a chain.

### **Door:**

- Executed with a door made of galvanized mesh, mesh size 50x50 mm/wire thickness 4 mm.
- Gauze door lockable with espagnolette lock equipped with handle with cylinder lock.

### **Ventilation:**

- Optimal ventilation by applying mesh doors.

### **Hazard designation:**

- By pictograms "smoking and open flames prohibited" and "gas cylinder storage" (other pictograms and signage available on request).

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Version x.x | xx-xx-xxxx

[Megasaver™ GD-MS models GD-MS 25 through GD-MS 75 \(CBF60\)](#)

Follows.

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## PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas bottle depot model GD-MS 6



Size Hiltru F60 (semi) gas bottle depot model GD-MS 6

|                                     |                                                                              |
|-------------------------------------|------------------------------------------------------------------------------|
| Article number                      | 600150300                                                                    |
| Dimensions external<br>WxDxH        | ± 959 x 1016 x 2281 mm                                                       |
| Dimensions internal<br>BxDxH        | ± 725 x 925 x 2200 mm                                                        |
| Daylight size door                  | ± 725 x 2140 mm                                                              |
| Gauze door                          | Single, lockable from<br>galvanised steel                                    |
| Implementation of walls<br>and roof | 60 minutes fire resistant<br>according to NEN 6069                           |
| Weight                              | ± 206 kg                                                                     |
| Capacity                            | 6x 50 liter standard cylinder                                                |
| Locking device                      | Bottles a piece (3 in a row)<br>lockable in galvanized steel<br>construction |

### Optional

| Option description                            | Option article number |
|-----------------------------------------------|-----------------------|
| Option R: Galvanized slatted floor for GD-MS6 | 600150303             |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot model GD-MS 12

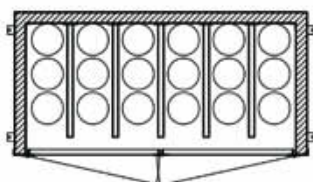


Size Hiltra F60 (semi) gas bottle depot model GD-MS 12

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| Article number                   | 600150400                                                              |
| Dimensions uitw. WxDxH           | ± 2154 x 1016 x 2281 mm                                                |
| Dimensions int. WxDxH            | ± 1225 x 925 x 2200 mm                                                 |
| Daylight size door               | ± 1225 x 2140 mm                                                       |
| Gauze door                       | Single, lockable from galvanised steel                                 |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                        |
| Weight                           | ± 290 kg                                                               |
| Capacity                         | 12x 50 liter standard cylinder                                         |
| Locking device                   | Bottles a piece (3 in a row) lockable in galvanized steel construction |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot model GD-MS 18

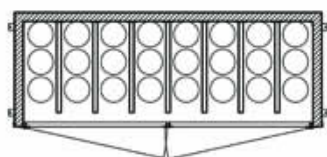


### Size Hiltra F60 (semi) gas bottle depot model GD-MS 18

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| Article number                   | 600150500                                                           |
| Dimensions uitw. WxDxH           | ± 2319 x 1016 x 2281 mm                                             |
| Dimensions int. WxDxH            | ± 2089 x 925 x 2200 mm                                              |
| Daylight size door               | ± 2089 x 2140 mm                                                    |
| Gauze door                       | Double wing door, lockable, made of galvanised steel                |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                     |
| Weight                           | ± 383 kg                                                            |
| Capacity                         | 18x 50 liter standard cylinder                                      |
| Locking device                   | Bottles a piece (3 in a row) fixed in galvanized steel construction |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot model GD-MS 24



Size Hiltra F60 (semi) gas bottle depot model GD-MS 24

|                                     |                                                                           |
|-------------------------------------|---------------------------------------------------------------------------|
| Article number                      | 600150600                                                                 |
| Dimensions uitw. WxDxH              | ± 2719 x 1016 x 2334 mm<br>(incl. lifting eyes)                           |
| Dimensions inw. WxD                 | ± 2489 x 836 mm                                                           |
| Daylight size door                  | ± 2489 x 2140 mm                                                          |
| Gauze door                          | Double wing door, lockable<br>made of steel                               |
| Implementation of walls<br>and roof | 60 minutes fire resistant<br>according to NEN 6069                        |
| Weight                              | ± 475 kg                                                                  |
| Capacity                            | 24x 50 liter standard cylinder                                            |
| Locking device                      | Bottles a piece (3 in a row)<br>fixed in galvanized steel<br>construction |

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## **PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 25 (CBF0)**



Size Hiltra F60 (semi) gas bottle depot GD-MS 25 (CBF0)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 200150242                                                         |
| Dimensions uitw. WxDxH           | ± 1590 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230 x 1270 x 2100 mm                                           |
| Gauze door                       | Single, lockable from galvanised steel                            |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with constructive strength calculation                            |
| Weight                           | ± 550 kg                                                          |
| Capacity                         | 25x 50 liter standard cylinder                                    |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

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## PRODUCT DATA SHEET Hiltru®: Hiltru F60 (semi) gas cylinder depot GD-MS 25 (CBF60)



Size Hiltru F60 (semi) gas cylinder depot GD-MS 25 (CBF60)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 200150240                                                         |
| Dimensions uitw. WxDxH           | ± 1590 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230 x 1270 x 2100 mm                                           |
| Gauze door                       | Single, lockable from galvanised steel                            |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 580 kg                                                          |
| Capacity                         | 25x 50 liter standard cylinder                                    |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 gas bottle depot model GD-MS 25 (CBF60)



Size Hiltra F60 gas bottle depot model GD-MS 25 (CBF60)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 200150241                                                         |
| Dimensions uitw. WxDxH           | ± 1590 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230 x 1270 x 2100 mm                                           |
| Door                             | Single lockable F60 fire door                                     |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 665 kg                                                          |
| Capacity                         | 50x 50 liter standard cylinder                                    |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

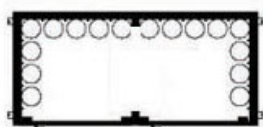


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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF0)



### Size Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF0)

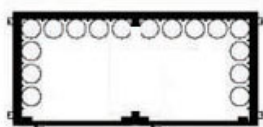
|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 300150247                                                         |
| Dimensions uitw. WxDxH           | ± 3025 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 2x 1230 x 1270 x 2100 mm                                        |
| Gauze door                       | Double wing door, lockable, made of galvanised steel              |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with constructive strength calculation                            |
| Weight                           | ± 930 kg                                                          |
| Capacity                         | 50x 50 liter standard cylinder (2x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF60)



### Size Hiltra F60 (semi) gas bottle depot GD-MS 50 (CBF60)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 300150240                                                         |
| Dimensions uitw. WxDxH           | ± 3025 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230/1230 x 1270 x 2100 mm                                      |
| Roof overhang                    | 215 mm                                                            |
| Gauze door                       | Double wing door, lockable, made of galvanised steel              |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 980 kg                                                          |
| Capacity                         | 50x 50 liter standard cylinder (2x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |

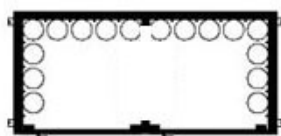


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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 gas bottle depot model GD-MS 50 (CBF60)



### Size Hiltra F60 gas bottle depot model GD-MS 50 (CBF60)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 300150241                                                         |
| Dimensions uitw. WxDxH           | ± 3025 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230/1230 x 1270 x 2100 mm                                      |
| Door                             | Lockable F60 fire doors                                           |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 1160 kg                                                         |
| Capacity                         | 50x 50 liter standard cylinder (2x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

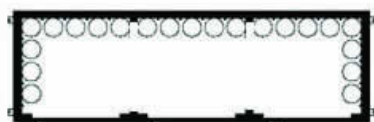
| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |

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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 75 (CBF0)



Afgebeeld met 2x F60 scheidingswand (= optioneel)



### Size Hiltra F60 (semi) gas bottle depot GD-MS 75 (CBF0)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 500150242                                                         |
| Dimensions uitw. WxDxH           | ± 4460 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 3x 1230 x 1270 x 2100 mm                                        |
| Mesh doors                       | Single, lockable from galvanised steel                            |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with constructive strength calculation                            |
| Weight                           | ± 1310 kg                                                         |
| Capacity                         | 75x 50 liter standard cylinder (3x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

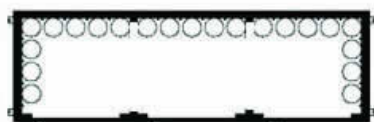
| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |

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Technical changes and imperfections  
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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 (semi) gas bottle depot GD-MS 75 (CBF60)



Afgebeeld met 2x F60 scheidingswand (= optioneel)



### Size Hiltra F60 (semi) gas bottle depot GD-MS 75 (CBF60)

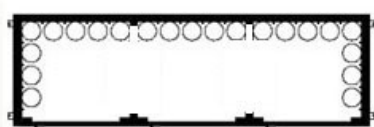
|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 500150240                                                         |
| Dimensions uitw. WxDxH           | ± 4460 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230/1230 x 1270 x 2100 mm                                      |
| Mesh doors                       | Single, lockable from galvanised steel                            |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 1385 kg                                                         |
| Capacity                         | 75x 50 liter standard cylinder (3x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |

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Technical changes and imperfections  
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## PRODUCT DATA SHEET Hiltra®: Hiltra F60 gas bottle depot model GD-MS 75 (CBF60)



### Size Hiltra F60 gas bottle depot model GD-MS 75 (CBF60)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Article number                   | 500150241                                                         |
| Dimensions uitw. WxDxH           | ± 4460 x 1625 x 2280 mm                                           |
| Dimensions int. WxDxH            | ± 1230/1230 x 1270 x 2100 mm                                      |
| Doors                            | Single, lockable F60 fire door                                    |
| Implementation of walls and roof | 60 minutes fire resistant according to NEN 6069                   |
| Steel construction               | with structural strength calculation F60                          |
| Weight                           | ± 1650 kg                                                         |
| Capacity                         | 75x 50 liter standard cylinder (3x 25 pieces)                     |
| Locking device                   | Galvanized steel including chain for bulk securing of gas bottles |

### Optional

| Option description                | Option article number |
|-----------------------------------|-----------------------|
| F60 fire-resistant partition wall | 300150245             |