

# MegaSecur

Head Office

## ULTRA-FAST DEPLOYMENT CRATE FOR FLOOD PROTECTION



Cover long distance in just 3 easy steps!



**APPROVED**  
WL-39,50,60 series



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## INTRODUCTION

The **Water-Gate's** fast deployment crate option allows a quick long-distance intervention in just minutes, the perfect tool for flash floods.

This fast flood prevention tool is your best ally when time comes to protect a residential, commercial or even whole buildings. On average, more than 300ft (100m) of flood barriers can be stocked inside a single crate.

As all our products, the crates are high quality products and are tailored to meet specific customer requirements. Many options are available such as custom coloring, handles and sizes.

The crates can be equipped with wheels and can be deployed using a forklift truck or installed directly on a trailer.



## BENEFITS

- ✓ **Rapid intervention:** ready for use, crates are readily available and prepared for specific site deployment.
- ✓ **Time-saving:** long distances are covered in little time. Time is saved on unpacking, unrolling and installing units.
- ✓ **Minimal workforce required:** deployment operations are greatly simplified for the coordinator. The only thing that needs to be done is to move the crates over the area to be protected.
- ✓ **Maximum efficiency:** using the crates enable emergency responders to maximize effectiveness in the disaster area.
- ✓ **Adaptable:** designed to be suitable with different environments including residential, commercial, buildings, entrance, garage alley, underground entrance way and much more projects.
- ✓ **Contingency planning:** limits manipulation, storage space and management. A solution to facilitate emergency planning and mitigation plan execution.
- ✓ **Convenient** for quick identification of available protection material.
- ✓ **The fastest and most effective solution on the market:** by combining the use of **Water-Gate** dams together with the fast deployment crates, our product becomes the fastest deployable flood barrier that you can actually buy.

## SET-UP

Pre-attached **Water-Gate flood barriers** are folded like an accordion and placed in a wooden or steel crate. Pictograms are printed directly on the crates allowing the emergency coordinator to determine the initial position.

Observe and orient the crate to be fitted back according to the flood and protected (dry) zone side. Once the crate is positioned correctly, the cover is removed partially or completely. Then assigned workers lift units up from each side of the crate and hold it up while the crate is driven forward the protected area. Dykes unroll progressively out of the crate as it is moving. As specified, the crates can be installed on a forklift, a trailer, a truck bed or any other equipment.

Deployment requires assistance to pull out and set the pre-attached units on the ground. Once all the barriers are deployed, other crates are positioned to complete the pathway. **Different models can be used, as they all can be connected to each other.**

Care must be taken to attach the two (2) end units before deploying the second barrier. (See user guide for attaching 2 units).

## **FLOOD PROTECTION AND PREVENTION IN 3 EASY STEPS**

1



**PLACE THE CRATE ON A FORKLIFT OR  
A TRAILER**

2



**COVER THE AREA TO BE  
PROTECTED**

3



**STAY IN THE DRY AREA**

## TYPE OF CRATES

### ➤ **Treated wood crate – with integrated wheels**

For WL 14, 20, 26, 32, 39 Series:

Equipped with castor wheels, this model requires a minimum of 4 workers and usually weight less than 2000lbs.



### ➤ **Treated wood/metal forklift crate**

For WL-14, 20, 26, 32, 39, 50 and 60 Series:

These crates can be set on a trailer, truck bed, platform, directly on an adapted forklift tractor or other means. Require a minimum of 5 workers.



## STORAGE AND MAINTENANCE

The crate offers a great storage environment for the **Water-Gate** barriers. It provides a permanent protection against UV rays, debris and damages related to transportation.

Regarding the barriers maintenance, it is recommended to Clean the barriers with fresh water; hang and leave to dry; attach together with the *Velcro* quick attach system; and then store back inside the crate for future use.

Our flood protection barriers and also our deployment crates are reusable. The estimated lifespan is 25 years.



## Washing, monitoring, drying and folding back

After an incident, it is strongly recommended to wash down the units (preferably with a pressure washer) and let them dry out. Dirt and trapped in humidity do not affect the resistance of the barriers but could lead to unpleasant odors when the barriers will be used again in the future.

The **Water-Gate** dams should be carefully inspected for damage that may have occurred and have any repair work performed prior to folding back. First, the units should be attached and stored in the same pattern as it was laid out. Once attached, the units should be folded back as the original layout.

## REPLACING THE UNITS BACK INTO THE CRATE

Starting from the last barrier deployed, as the team raises the barrier portion higher than the crate height, the crate is rolled or backed up underneath.

The barrier is then laid on the bottom from one end to the other as in the original delivery. A gap can be left between the crate and the barrier material.

Continue in reverse until all the barriers are back into the crate in accordion.

Note: poles set under and across the crates can be used by workers to lift the portion up and support the dams in this operation.



## CASE STUDY #1

### **Flood Protection Solutions Ltd.** **Colwick – England**

Climate changes and floods affect and disrupt the entire planet. This is why **MegaSecur** has developed a large distribution network that can actually cover, feed and meet the needs of a growing customer base.

The images below were taken by « **Flood Protection Solutions Ltd** », an authorized distributor based at Colwick in England. The team was able to deliver around 800m of **Water-Gate** barriers in record time.

In order to facilitate the installation, the dams were equipped with fast deployment crates, which were directly installed on trailers. This enabled the field teams to more than double the installation speed and then optimize their effectiveness for the benefit of the local population.

The crates were provided with custom blankets as requested by the customer.

When a flood occurs, **stay in control of the situation, anytime, wherever you are.**





## CASE STUDY #2

### **Hager Electro** **Bischwiller – France**

The Bischwiller community in Alsace is often flooded by the Moder, a tributary of the Rhine. The city has a Flood Protection Plan.

Hager Electro, a Germany-based electric components (transformers, home automation) manufacturer, owns a factory bordering a stream.

When the Moder goes out of its bed, the water surrounds the buildings and floods the loading docks, making it impossible to ship or receive any of their products.

In order to protect the loading docks against flood, MegaSecur supplied a fast deployment crate containing 200 meters the **Water-Gate** flood protection barrier.

By means of a forklift truck and 3 men, it took only 5 minutes to install the anti-flood protection in front of the loading docks, which finally remained operational. The company's activities can now be maintained when flooding occurs.

The MegaSecur squad is pleased to help companies from all over the world when the time comes to prevent potentially devastating floods.





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