



Quickguide to the World of Dynasafe

Suppression = Protect against the effects from an explosion through controlled venting up to the maximum amount of explosives specified.

Containment = Protect against all the effects from an explosion, gas-tight and for repetitive detonations up to the maximum amount of explosives specified.

GEC series

Gas-tight Explosion containment Chamber

Designed to totally contain the effects from an explosion. To be used for the safe storage and transportation of explosives or other dangerous material even combined with toxic agents. Today in service for e.g. air transport of explosive devices and by organisations in need of transporting smaller amount of explosives or instable munitions. Containment capacity available from 50 g of TNT to 2.500 g TNT.

More information:

"Dynasafe Product Information GEC" and "Technical Information GEC"



PSV series

Portable explosion Suppression Vessel

These chambers are designed to suppress the effects of a detonation. They are used for removing dangerous items such as e.g. potential letterbomb or for storage of the same while waiting for expertise to arrive.

More information:

"Dynasafe Product Information PSV" and "Technical Information PSV"



PCV series

Portable explosion Containment Vessel

All these chambers are gas-tight and designed to withstand several detonations of up to the maximum amount of explosives specified. They are used for removal of dangerous items or for storage of e.g. potential letter bombs and chemical biological agents or those in combination.

Examples from the PCV series

PCV1

Can in standard design store items as large as (LxWxH) 400 mm x 200 mm x 300mm. The PCV1 is opened and closed manually.

More information:

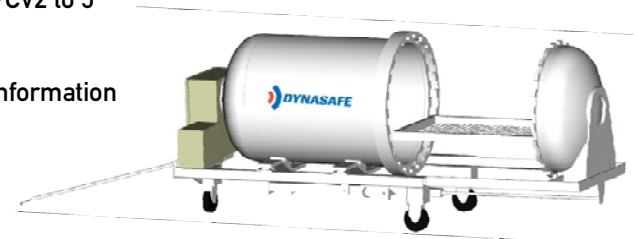
"Dvnasafe Product Information PCV" and "Technical Information PCV1"

PCV2 to 5

Can in standard design store items from the size of (LxWxH) 400 mm x 200 mm x 300mm to 1.200 mm x 650 mm x 800 mm. The PCV2 to 5 are all opened and closed automatically.

More information:

"Dynasafe Product Information PCV" and "Technical Information PCV2-5"





PCV-S

Portable explosion Containment Vessel - Storage

These chambers are designed for storage of dangerous items, particular in limited spaces where humans could be present close by. The PCV-S is designed for ultimate protection of humans and surroundings.

Available in five different sizes and containment capacity up to 1000 g of TNT

More information:

"Dynasafe Product Information PCV-S" and "Technical Information PCV-S"



PCV 10

Portable explosion Containment Vessel

Used for the airport/airline security concept.

The chamber is gas-tight, designed to withstand several detonations of up to the maximum amount of explosives specified and has the appearance of an ordinary "airline trolley".

More information:

"Dynasafe Product Information PCV10"

Consult your Dynasafe representative for details.



SLB series

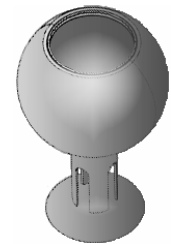
Suppression Litter Bin.

The SLB is designed for improved safety for public and surroundings in case of explosives detonating inside the bin. Dynasafe design protects peoples and surroundings against blast wave and fragments. Due to the design it fits well into any kind of public environment. Available with three different "protection" levels.

More information:

"Dynasafe Product Information SLB"

Consult your Dynasafe representative for details.



MESC series

Mobile Explosion Suppression Chamber

Used for the airport security concept.

The chamber can be integrated with all major X-ray systems and can in the standard design store objects as large as 1200 x 800 x 650 mm. The MESC series suppresses the effect of detonating explosives up to the maximum amount of explosives specified.

More information:

"Dynasafe Product Information MESC" and "Technical Information MESC"



MECC series

Mobile Explosion Containment Chamber

Used for the airport security concept.

The MECC can be integrated with all major X-ray systems and can in the standard design store objects as large as 1400 x 800 x 600 mm. The MECC is gas-tight and designed to withstand several detonations of up to the maximum amount of explosives specified.

More information:

"Dynasafe Product Information MECC" and "Technical Information MECC"





Examples from the MECC series

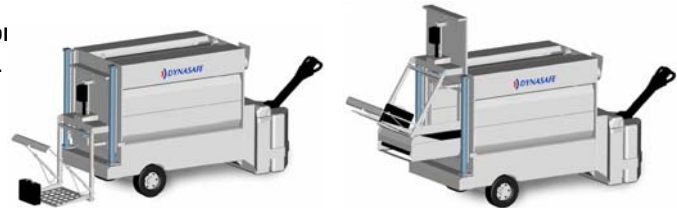
MECC compact

The MECC compact is in standard design also equipped with the IDU- Integrated Drive Unit and the IPUS- Integrated Pick Up System.

The MECC compact can in the standard design store objects as large as (LxWxH) 1100 x 700 x 500 mm*.
(*500 x 600 x 500 mm, on the IPUS)

More information:

"Technical Information MECC compact"



MECV5L-A series

Mobile Explosion Containment Vessel

Used for the airport security concept.

The chambers can be integrated with all major X-ray systems. The MECV5L-As are also possible to modify to meet the specific demands of each client. The MECV5L-A series is designed to have a large explosion containment capacity.

More information:

"Dynasafe Product Information MECV5L-A"

Examples from the MECV5L-A series

MECV5L-A1

Can in the standard design store objects as large as (LxWxH) 1100 x 800 x 650 mm.

Chamber access diameter 1140mm

Chamber volume 2.100 litres

More information:

"Technical Information MECV5L-A1"



MECV5L-A3

Can in the standard design store objects as large as (LxWxH) 1400 x 850 x 800 mm and incl. the rotating movement for improved flexibility in loading.

Chamber access diameter 1140mm

Chamber volume 2.400 litres

More information:

"Technical Information MECV5L-A3"



MECV5L-D series

Mobile Explosion Containment Vessel – Drive Unit

The Dynasafe MECV5L-D series of chambers is equipped with its own drive unit. The particular chamber is equipped with a special designed drive unit for easy manoeuvring in narrow spaces; some designs also making the unit possible adjust in height. For use on e.g. airports to gain access to baggage handling systems with different pickup stations.

More information:

"Dynasafe Product Information MECV5L-D"



Examples from the MECV5L-D series

MECV5L-D3

The Dynasafe MECV5L-D3 is based on the same kind of vessel used for the MECV5L-B3, this making it possible to load the unit from different angles and adjust the height of the vessel.

More information:

“Technical Information MECV5-D3”



MBDC series

Mobile Bomb Disposal Chamber

The MBDC series of chambers is designed to protect personnel and surroundings during transportation to a safer location. The MBDC is designed for use in a vast number of applications where the characteristics of a suppression chamber are sufficient.

More information:

“Dynasafe Product Information MBDC” and “Technical Information MBDC”



MECV5L-B series

Mobile Explosion Containment Vessel

The successor to the worldwide known MECV5. The MECV5L-B is used for the safe transportation and containment of objects suspected to containing explosives, toxic substances or those in combination. The MECV5L-B is, as all Dynasafe “containment” vessels, gas-tight and can withstand repetitive explosions up to the maximum amount of explosives specified. In the standard/basic version the MECV5L-B is mounted on a bogie trailer.

More information:

“Dynasafe Product Information MECV5L-B”



Examples from the MECV5L-B series

MECV5L-B1

Can in the standard design store objects as large as e.g. (LxWxH) 900 x 500 x 450 mm.

Chamber access diameter 975mm

Chamber volume 930 litres

More information:

“Technical Information MECV5L-B1”



MECV5L-B1-RLP-IMH-IVS

Is an example of a MECV5L-B1 further equipped with the Dynasafe options:

RLP- Robot Loading Platform

IMH- Integrated Manipulator Hydraulic

IVS- Integrated Vision System

More information:

“Technical Information MECV5L-B1, RLP, IMH and IVS”



MECV5L-B3

Can in the standard design store objects as large as e.g. (LxWxH) 900 x 500 x 450 mm and with the rotating movement for improved flexibility in loading. The MECV5L-B3 is delivered mounted on a trailer.

Chamber access diameter 975mm

Chamber volume: 930 litres

More information:

“Technical Information MECV5L-B3”





MECV5L-B4

Can in the standard design store objects as large as e.g. (LxWxH) 1000 x 800 x 650 mm.
Chamber access diameter 1140mm
Chamber volume: 1.630 litres

More information:

“Technical Information MECV5L-B4”



MECV5L-VM series

Mobile Explosion Containment Vessel – Vehicle Mounted

This combination of a bomb resistant and gas-tight chamber mounted and built in on a vehicle, gives the user a unit possible to use not only for removing suspected bombs and transport of dangerous items, but a unit possible to use as first response vehicle for a vast number of jobs involving explosives and toxic material. Further equip for optimal use.

More information:

“Dynasafe Product Information MECV5L-VM”

Examples from the MECV5L-VM series

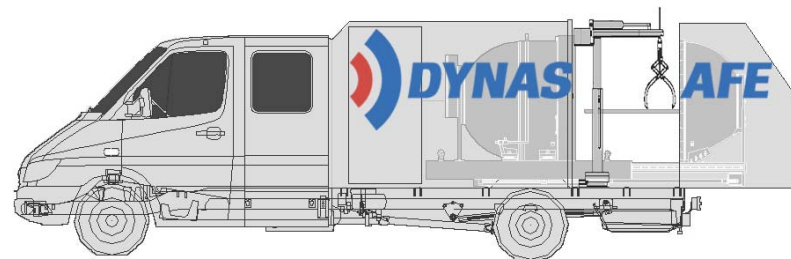
MECV5L-VM1

The MECV5L-VM1 is based on the same kind of chamber used for the MECV5L-B1.

The chamber is here mounted on a Mercedes Sprinter 616 Crew Cab.

More information:

“Technical Information MECV5L-VM1”



Dynasafe basic options (examples)

(Technical information available for most options.)

Mobility improvements,

are available in different shapes from Dynasafe. Some of the units can e.g. be equipped with a special developed **IDU-Integrated Drive Unit** for manoeuvring the unit in position for loading. Other solutions are also available; please consult your Dynasafe representative for the solution most suitable for your demands.

More information:

“Technical Information IDU”

“Technical Information IPUS” (Integrated Pick Up System MECC)



MECC-IDU-IPUS

RLP- Robot Loading Platform

is available as an option to some of Dynasafe equipments. The RLP is used for automatic loading of e.g. external robots, transported in the same unit together with the Dynasafe chamber.

More information:

“Technical Information RLP1” (Robot Loading Platform MECV5L-B1)



ILC- Integrated Loading crane,

can be mounted on nearly every mobile vessel from Dynasafe, also as upgrade. The Loading crane is supplied either as a crane for loading the vessel or as an entire system.

More information:

Consult your Dynasafe representative for details.

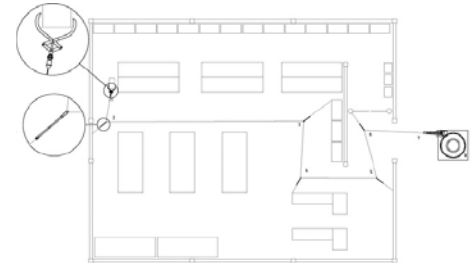


LS- Loading system

Is a possibility to further equip the loading crane to be able to work as a system for safe removal of suspected item(s) from where it has been found, bring it to the Dynasafe equipment and load it into the unit.

More information:

Consult your Dynasafe representative for details.



IM- Integrated Manipulator arm

The IM can be fixed on certain Dynasafe units. The Manipulator arm is a robot arm possible to pick up objects from the ground to load into the Dynasafe unit.

The **IMH** is hydraulic and can reach as far away from the unit as 3 m and pick up objects up to the weight of 50 kg.

The **IME** is electrical and can reach as far away from the unit as 1,5 m and pick up objects up to the weight of 20 kg.

More information:

“Technical Information IMH”

IME, consult your Dynasafe representative for details.



SRT- Shielding Radio Transmitting.

Is an option provided by Dynasafe to blocking radio (e.g. GSM) signals from penetrating inside the units to detonate any IEDs.

More information:

Consult your Dynasafe representative for details.



IVS- Integrated Vision System,

For use with e.g. the **IMH** and **E-** Integrated Manipulator Hydraulic and Electric, to improve loading precision when loading a unit from a distance.

The IVS also for use on the MECC when this is equipped with the **IPUS-** Integrated Pick Up System, also here to improve loading precision and safety. **EVS-** External Vision System is also available to even further improve overview and operation.

More information:

“Technical Information IVS and EVS”

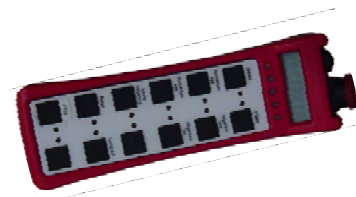


RRC- Radio Remote control

All Dynasafe automated equipments are in the basic design supplied with a CRC- Cable Remote Control system for manoeuvring of the unit from a safe distance. Nearly every automatically manoeuvred unit can, however alternatively be equipped with the RRC- Radio Remote control system if requested.

More information:

“Technical Information RRC”





NBC- Solutions

Dynasafe is able to provide solutions e.g. for:

Nuclear

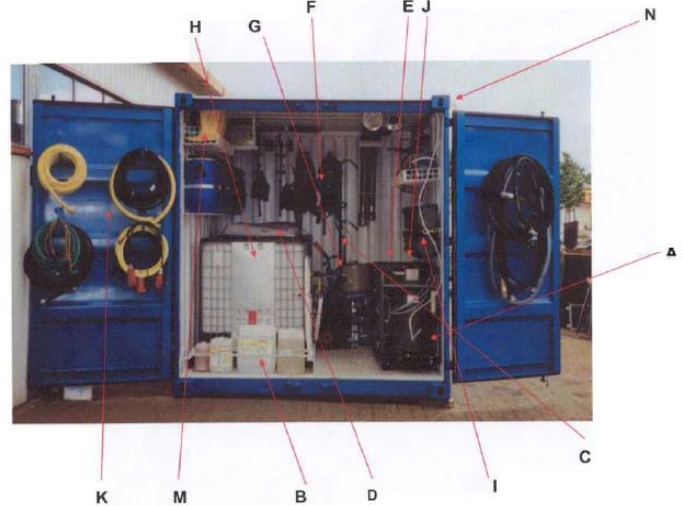
- radiological shielding
- detection
- decontamination

Biologic

- containing
- sampling
- detection
- decontamination

Chemical

- containing
- sampling
- detection
- decontamination



ERS- Emergency Response System

ERS is a system for dealing with the consequence of toxic chemical leakages inside a Dynasafe munitions transport

More information NBC- Solutions:

Consult your Dynasafe representative for details

ECV series

Explosion Containment Vessel

Custom made chambers for containment of detonations up to 25 kg of TNT. The ECV is a chamber mainly designed for storage of explosives or for use by research institutes in need of gas-tight chambers for experiments on explosives and explosives combined with toxic materials.

More information:

"Dynasafe Product Information MCV"

Consult your Dynasafe representative for details.



MCV series

Mobile explosion Containment Vessel

Custom made chambers for containment of detonations of up to 25kg of TNT. The MCV is a transport vessel used for transportation of conventional as well as chemical munitions and is in service worldwide, used by different organisations for various applications.

More information:

"Dynasafe Product Information MCV"

Consult your Dynasafe representative for details





SCC series

Surveillance and Communication Centre

This is a mobile guard booth offering a unique combination of different capabilities. The SCC does not only provide protection against explosions and firearms, but also against attacks with toxic agents. To be used as surveillance and communication centre as well as offering protection of police, surveillance personnel or Special Forces. The SCC is initial self providing in aspects like electrical power and can due to the four individually adjustable support legs be placed on nearly any type of terrain.

More information:

"Dynasafe Product Information SCC" and "Technical Information SCC"



SK

Static Kiln

Hot ammunition destruction chambers. Can be designed for destruction of conventional or chemical munitions and they are always custom made to meet clients demands in respect to e.g. capacity, mobility and off-gas treatment.

The SK has been delivered worldwide and is today a well proven system, but the process is obviously constantly being refined to meet new demands and to become even more efficient.

More information:

"Dynasafe Product Information SK"

Consult your Dynasafe representative for details.



Engineering and Expert Analysis

It has through the years become a quite extensive amount of consulting projects, some lasting for in-between a week to several years of cooperation with the same client and project. The experience gathered in the fields of explosives, detonations, chemistry and engineering has resulted in the improvement of our standard products as well as a possibility to share the knowledge with clients in new projects.

More information:

"Dynasafe Product Information" Consult your Dynasafe representative for details.



EOD related equipment for counteraction of the explosive terrorism

The products offered by Dynasafe originate from the close cooperation with our partner who has gained a wide experience in resolving different tasks in the field of detection of explosives and blocking of radio-transmissions. This by close cooperation with clients like: EOD specialists, Search and rescue teams, Forensic units and Security services of different organizations and VIPs.

More information:

"Dynasafe Product Information" Consult your Dynasafe representative for details.



FPS- Fragment Protection Shield

The FPS is designed to give protection against fragments generated by exploding mines or similar.

More information:

"Technical Information FPS"



**After-sale Services such as:****Product Maintenance and Service Agreements**

is obviously offered to all equipments soled by Dynasafe to preserve the highest reliability and safety. The service can be according to one of our standards or customized according to the specific needs from the client in question.

Training

Is offered as part of the delivery of new Dynasafe equipment, but is also offered after the delivery for updating or training of new personnel.

Spare parts

Original spare parts are supplied through Dynasafe to preserve the highest reliability and safety.

Upgrading

Dynasafe is the company driving the development of this kind of safety/protection equipment, new improvements and products are constantly presented to enhance the safety of operators and surroundings, these improvements also pushing the limits of what is possible.

By staying in contact with Dynasafe, also after the delivery of the product(s), makes it possible to upgrade existing ones to a certain point and also be informed about new developments.

For additional information, please don't hesitate to contact us for more extensive information on one or more of our products and services or challenge our excellent engineers to meet your specific demands.

Dynasafe, engineering safety...

Safety is our business

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