

Catalog OUTDOOR - MODULAR



About OUTDOOR MODULAR

OUTDOOR is the only company in Israel providing full-spectrum logistic solutions for mass outdoor events and construction sites, acting either as a direct supplier or as a partner.

Over fifteen years that we are providing services for mass outdoor events and construction sites. During these years of activity, we took part in some of the largest international events that have taken place in Israel, such as the Pope's visit, the Maccabiah Games, mass concerts like Madonna, Justin Bieber, Robbie Williams and many others.

Our clients include leading production companies in the Israeli market, some of the largest construction companies, the Ministry of Defense, Office of the Prime Minister, Tel Aviv Municipality, the IDF and many more.

We exclusively represent some of the industry's leading international brands in Israel, aiming to supply our customers with the most innovative solution available in the market.

We have a wealth of experience and knowledge that make us Experts in providing logistics solutions in the field.

Since 2007, we have expanded our operations and set up a professional department that specializes in supplying unique OUTDOOR products of temporary fencing for construction and infrastructure sector, both rental and sale.

We provide services to most large projects in Israel. Such as light rail projects in Tel Aviv and Gush Dan, power stations, gas infrastructures deployment project, paving projects all over the country and building sites. We also provide current and emergencies services for the Ministry of Defense and the IDF. We cultivate long-term relationships with our clients, acting more as a partner rather than just a rental body, enabling us to accommodate their specific needs.

We believe in creating long-term relationships and matching the most suitable service and product, as a direct response to customer needs. We see ourselves as full partners in our customers' projects.

Creativity, agility logistics, quality products and meticulous service makes OUTDOOR preferred choice of hundreds of customers!

Our offices and storage situated in Kibbutz Mishmarot (near Caesarea industrial zone) and you are welcome to visit us at any time.

Always at your service,

OUTDOOR team

Con-Modular | Advanced solutions for modular construction Head Office: Kibbutz Mishmarot, Menashe Regional Council / Israel. Zip code 37840. Tel: +972-4-6277786 e-mail: modular@out-door.co.il | www.con-modular.co.il **Modular Construction!**







Modular Construction!



Con-Flat

Modular Living Containers

Con-Modulars' first design Con-flat, offers limitless solutions in your projects due to its modularity and multi layering property.

General Features

- Ability to join modules in any given direction which offers you to create any type of area required
- The system is carried by the columns, not panels which will allow you to move the panels any time you desire
- Door and window panels can be relocated at will
- The system allows you to design projects up to 3 storey buildings
- The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling
- Electric cabling can be hidden in the panels or maintained inside cable trays according to your request
- 8 units of 20 feet modules can be loaded in a single TIR truck
- 2 units of 20 feet assembled modules can be loaded in a single TIR truck
- Can be erected on level concrete ground or on concrete blocks

Technical Specifications

- Main
 Structural system is maintained by cold-formed steel

 Frame
 profiles in different thickness and sizes
- Walls 50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets
- Floor
 Protection: 0,4mm galvanized metal sheet

 Insulation:
 50mm glasswool

 Vapor Barrier:
 100 micron polyethylene

 Covering:
 16mm cement board + 2mm PVC floor covering
- Ceiling
 Roof: 0,8mm galvanized metal sheet Insulation: 50mm glasswool

 Vapor Barrier: 100 micron polyethylene Covering: 8mm laminated chipboard

 Doors
 Polyurethane paneled PVC doors
- Windows 4+12+4 double glazed PVC windows



Ability to join modules in any given direction which offers you to create any type of area required



The system allows you to design projects up to 3 storey buildings



The system is carried by the columns, not panels which will allow you to move the panels any time you desire



Door and window panels can be relocated at will



The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling



Electric cabling can be hidden in the panels or maintained inside cable trays according to your request



8 units of 20 feet modules can be loaded in a single TIR truck



2 units of 20 feet assembled modules can be loaded in a single TIR truck



Can be erected on level concrete ground or on concrete blocks











Supporting columns are placed easily on 4 corners

4



All columns are screwed through the bottom plates but not so tight to allow little adjustment for top chassis assembly

5



The system should look like this after the assembly of all 4 columns





STANDARD CON-FLAT STEP-BY-STEP ASSEMBLY GUIDE

STANDARD CON-FLAT STEP-BY-STEP ASSEMBLY GUIDE





After some finishing works are done, the assembly is finally completed

13







Modular Construction!

	Con-Flat	Con -Steel	Con-Cabin	Con-Solid	Con-Frame
	Modular Living Containers	Prefabricated Steel Buildings	Singular Living Cabins	Heavy-Duty Living Containers	LSF Building System
	Con-Modulars' first design Con-flat, offers limitless solutions in your projects due to its modularity and multi layering property. General Features	Con-steel has been designed to enable the creation of single storey large scale structures without using columns inside the buildings if required. General Features	Con-cabin, has been produced as an alternative to Con-flat, in order to meet single module requirements in a more economical manner. General Features	Con-solid is basically designed by reinforcing the Con-flat system to provide living containers for heavy duty purposes. General Features	Con-Modulars added LSF (light steel frame) buildings to its' product portfolio to be able to offer high-end residential and commercial type buildings.
	 Ability to join modules in any given direction which offers you to create any type of area required The system is carried by the columns, not panels which will allow you to move the panels any time you desire Door and window panels can be relocated at will The system allows you to design projects up to 3 storey buildings The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling Electric cabling can be hidden in the panels or maintained inside cable trays according to your request 8 units of 20 feet modules can be loaded in a single TIR truck Can be erected on level concrete ground or on concrete blocks 	 Possibility to design buildings with 12m. truss span without the need to use columns in middle Possibility to design buildings with 4m interior height The max. distance between axis can be 4m. which provides flexibility to design buildings according to your request The system allows designing only single storey buildings Structure is mainly composed of load bearing columns and trusses Electric cabling can be hidden in the panels or maintained inside cable trays according to your request Min. 100m² (up to 200m² depends on the project) prefabricated building components can be disassembled with min. deficiency for later usage Must be erected on level concrete around 	 Due to its production system designed for singular unit usage, it is lighter and more economical compared to other alternatives The system is carried by the panels Multiple cabins can't be erected together or used as multi-storey buildings Electric cabling is maintained inside cable trays 10 units of 20 feet modules can be loaded in a single TIR truck Can be erected on level concrete ground or on concrete blocks Possibility for all components to be delivered separately by man-power where road transportation is not available 	 Ability to join modules in any given direction which offers you to create any type of area required The system is carried by the columns The system allows you to design projects up to 2 storey buildings The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling Electric cabling is made inside the ceiling and walls 6 units of 20 feet modules can be loaded in a single TIR truck Can be erected on level concrete ground or on concrete blocks 	 General Features The whole structural system is composed of one type C section galvanized steel profiles which provides quick manufacturing Possibility to design buildings with 12m. truss span without the need to use columns in middle The system allows you to design projects up to 2 storey buildings Various material and color options for cladding depending on your choice Electric cabling is made inside the ceiling and walls Max. 100m² LSF building components can be transported on a single TIR Truck Must be erected on level concrete ground
	Technical Specifications	Technical Specifications	Technical Specifications	Technical Specifications	Technical Specifications
Main Frame	Structural system is maintained by cold-formed steel profiles in different thickness and sizes	Load bearing columns and trusses are maintained by cold-formed steel profiles in different thickness and sizes	System is maintained by cold-formed steel profiles in different thickness and sizes	Structural system is maintained by cold-formed steel profiles in different thickness and sizes The main chassis profiles will be 3mm thickness	1mm thickness cold-formed "C type" galvanized steel profiles with different sizes are assembled together to form walls frames, trusses & joists
Walls	50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets	50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets	50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets	89mm thickness of wall frames composed of "C type" galvanized steel profiles with 80mm rockwool in between <u>Exterior:</u> 3mm thickness of cold-formed electrostatic powder dyed trapezoidal sheet metal + Layer 130 Geotextile Membrane <u>Interior:</u> 8mm MDF board (PVC wainscots will be used in wet areas)	89mm thickness of wall frames composed of "C type" galvanized steel profiles with 80mm rockwool in between <u>Exterior:</u> 12mm stone or wooden textured cement board + Layer 130 Geotextile Membrane <u>Interior:</u> 12.5mm gypsum board Note: All painting procedures are made after assembly
Floor	<u>Protection:</u> 0,4mm galvanized metal sheet <u>Insulation:</u> 50mm glasswool <u>Vapor Barrier:</u> 100 micron polyethylene <u>Covering:</u> 18mm OSB-3 (cement board for wet areas) + 2mm PVC floor covering	The client is responsible for both the preparation of the concrete foundation for the steel buildings and the floor covering. (Both for the material and its' assembly)	Protection: - Insulation: - <u>Vapor Barrier:</u> - <u>Covering:</u> 18mm OSB-3 (cement board for wet areas) + 2mm PVC floor covering Note: Protection, Insulation & Vapor Barrier can be added if requested by client	Protection: - Insulation: - <u>Vapor Barrier:</u> - <u>Covering</u> : 18mm cement board + 2mm PVC floor covering Note: Protection, Insulation & Vapor Barrier can be added if requested by client	The client is responsible for both the preparation of the concrete foundation for the LSF buildings and the floor covering of the ground floor. (Both for the material and its' assembly) If the project is a two storey building, Con-Modulars' will be responsible for the floor covering of the 2 nd floor (Please request tech. spec. sheet for further information)
Ceiling	<u>Roof:</u> 0,8mm galvanized metal sheet <u>Insulation:</u> 50mm glasswool <u>Vapor Barrier:</u> 100 micron polyethylene <u>Covering:</u> 8mm laminated chipboard	<u>Roof:</u> 0,5mm trapezoidal galvanized metal sheet <u>Insulation:</u> 50mm glasswool <u>Covering:</u> 60x60cm sized board aluminum or rock wool tiles	<u>Roof:</u> 40mm thickness of trapezoidal polyurethane sandwich panels <u>Insulation:</u> 40mm polyurethane	<u>Roof:</u> 3mm galvanized metal sheet <u>Insulation:</u> 80mm glasswool <u>Vapor Barrier:</u> 100 micron polyethylene <u>Coverinq:</u> 8mm MDF board	<u>Roof:</u> 15mm OSB + Layer 130 + Shingle <u>Insulation:</u> 80mm glasswool <u>Covering:</u> 12.5mm gypsum board or 60x60cm sized board aluminum or rock wool tiles
Doors	Polyurethane paneled PVC/Aluminum doors	Polyurethane paneled PVC/Aluminum doors	Polyurethane paneled PVC/Aluminum doors	Polyurethane paneled Aluminum doors	PVC/Aluminum doors
Windo	4+12+4 double glazed PVC/Aluminum windows	4+12+4 double glazed PVC/Aluminum windows	4+12+4 double glazed PVC/Aluminum windows	4+12+4 double glazed Aluminum windows	4+12+4 double glazed PVC/Aluminum windows







Modular Construction!



Con-Cabin

Singular Living Containers

Con-cabin, has been produced as an alternative to Con-flat, in order to meet single module requirements in a more economical manner.

General Features

- Due to its production system designed for singular unit usage, it is lighter and more economical compared to other alternatives
- The system is carried by the panels
- Multiple cabins can't be erected together or used as multistorey buildings
- Electric cabling is maintained inside cable trays
- 10 units of 20 feet modules can be loaded in a single TIR truck
- Can be erected on level concrete ground or on concrete blocks
- Possibility for all components to be delivered separately by man-power where road transportation is not available



Due to its production system, it is lighter and more economical compared to other alternatives



The system is carried by panels



Multiple cabins can't be erected together or used as multistorey buildings



Electric cabling is maintained inside cable trays

- cos cobin-

10 units of 20 feet modules can be loaded in a single TIR truck



Can be erected on level concrete ground or on concrete blocks



Technical Specifications

- Main
 System is maintained by cold-formed steel profiles in frame

 different thickness and sizes
- Walls 50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets

Floor <u>Protection:</u> -<u>Insulation:</u> -<u>Vapor Barrier:</u> -<u>Covering:</u> 18mm OSB-3 (cement board for wet areas) + 2mm PVC vinyl covering **Note:** Protection, Insulation & Vapor Barrier can be added if requested by client **Colling** Poof: 40mm thickness of transpoided polyurathana

- Ceiling <u>Roof:</u> 40mm thickness of trapezoidal polyurethane sandwich panels <u>Insulation:</u> 40mm polyurethane
- Doors Polyurethane paneled PVC/Aluminum doors
- Windows 4+12+4 double glazed PVC/Aluminum windows







Modular Construction!



Con-Flat

Modular Living Containers

Con-Modulars' first design Con-flat, offers limitless solutions in your projects due to its modularity and multi layering property.

General Features

- Ability to join modules in any given direction which offers you to create any type of area required
- The system is carried by the columns, not panels which will allow you to move the panels any time you desire
- Door and window panels can be relocated at will
- The system allows you to design projects up to 3 storey buildings
- The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling
- Electric cabling can be hidden in the panels or maintained inside cable trays according to your request
- 8 units of 20 feet modules can be loaded in a single TIR truck
- 2 units of 20 feet assembled modules can be loaded in a single TIR truck
- Can be erected on level concrete ground or on concrete blocks

Technical Specifications

- Main
 Structural system is maintained by cold-formed steel

 Frame
 profiles in different thickness and sizes
- Walls
 50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets
- Floor <u>Protection:</u> 0,4mm galvanized metal sheet <u>Insulation:</u> 50mm glasswool <u>Vapor Barrier:</u> 100 micron polyethylene <u>Covering:</u> 18mm OSB-3 (cement board for wet areas) + 2mm PVC floor covering
- Ceiling Roof: 0,8mm galvanized metal sheet Insulation: 50mm glasswool Vapor Barrier: 100 micron polyethylene Covering: 8mm laminated chipboard
- Doors Polyurethane paneled PVC/Aluminum doors
- Windows 4+12+4 double glazed PVC/Aluminum windows



Ability to join modules in any given direction which offers you to create any type of area required



The system allows you to design projects up to 3 storey buildings



The system is carried by the columns, not panels which will allow you to move the panels any time you desire



The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling



Door and window panels can be relocated at will

Electric cabling can be hidden in the panels or maintained inside cable trays according to your request



8 units of 20 feet modules can be loaded in a single TIR truck



2 units of 20 feet assembled modules can be loaded in a single TIR truck



Can be erected on level concrete ground or on concrete blocks







Modular Construction!



Con-Solid

Heavy-Duty Living Containers

Con-solid is basically designed by reinforcing the Con-flat system to provide living containers for heavy duty purposes.

General Features

- Ability to join modules in any given direction which offers you to create any type of area required
- The system is carried by the columns
- The system allows you to design projects up to 2 storey buildings
- The use of a single middle chassis in multi storey structures that serves both as a floor and a ceiling
- Electric cabling is made inside the ceiling and walls
- 6 units of 20 feet modules can be loaded in a single TIR truck
- 2 units of 20 feet assembled modules can be loaded in a single TIR truck
- Can be erected on level concrete ground or on concrete blocks

Technical Specifications

- Main
 Structural system is maintained by cold-formed steel

 Frame
 profiles in different thickness and sizes The main chassis profiles will be 3mm thickness
- Walls
 89mm thickness of wall frames composed of "C type" galvanized steel profiles with 80mm rockwool in between <u>Exterior:</u> 3mm thickness of cold-formed electrostatic powder dyed trapezoidal sheet metal + Layer 130 Geotextile Membrane

Interior: 8mm MDF board (PVC wainscots will be used in wet areas)

Floor <u>Protection:</u> -<u>Insulation:</u> -<u>Vapor Barrier:</u> -

<u>Covering:</u> 18mm cement board + 2mm PVC floor covering **Note:** Protection, Insulation & Vapor Barrier can be added if requested by client

- Ceiling
 Roof: 3mm galvanized metal sheet

 Insulation:
 80mm glasswool

 Vapor Barrier:
 100 micron polyethylene

 Covering:
 8mm MDF board
- **Doors** Polyurethane paneled Aluminum doors

Windows 4+12+4 double glazed Aluminum windows





Con-Modular offers high-end, heavy-duty accomodation containers for your needs







The supportive columns are placed on the corners of the bottom chassis

1



The top chassis is placed on the columns with the help of a crane or a forklift

2

5



Acoustic bands are applied to the inner face of the columns to provide better insulation at the joint points



3mm external trapezoidal sheet metals are placed



"U" section steel profiles are screwed to the trapezoidal sheet metals



3

Three sides of the container will be covered as shown in No. 4 & 5



CON-SOLID STEP-BY-STEP ASSEMBLY GUIDE







switches and receptacles according to the project

Switches and receptacles are assembled accordingly

80mm glasswool sheets are placed inside the ceiling



CON-SOLID STEP-BY-STEP ASSEMBLY GUIDE









Modular Construction!



Con-Steel

Prefabricated Steel Buildings

Con-steel has been designed to enable the creation of single storey large scale structures without using columns inside the buildings if required.

General Features

- Possibility to design buildings with 12m. truss span without the need to use columns in middle
- Possibility to design buildings with 4m. interior height
- The max. distance between axis can be 4m. which provides flexibility to design buildings according to your request
- The system allows designing only single storey buildings
- Structure is mainly composed of load bearing columns and trusses
- Electric cabling can be hidden in the panels or maintained inside cable trays according to your request
- Min. 100m² (up to 200m² depends on the project) prefabricated building components can be transported on a single TIR Truck
- Can be disassembled with min. deficiency for later usage
- Must be erected on level concrete ground

Technical Specifications

- MainLoad bearing columns and trusses are maintained byFramecold-formed steel profiles in different thickness and sizes
- Walls
 50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets
- Floor The client is responsible for both the preparation of the concrete foundation for the steel buildings and the floor covering. (Both for the material and its' assembly)
- Ceiling
 Roof: 0,5mm trapezoidal galvanized metal sheet

 Insulation:
 50mm glasswool

 Covering:
 60x60cm sized board aluminum or rock wool

 tiles
 1
- **Doors** Polyurethane paneled PVC/Aluminum doors
- Windows 4+12+4 double glazed PVC/Aluminum windows



Possibility to design buildings with 12m. truss span without the need to use columns in middle



The system allows designing only single storey buildings



Possibility to design buildings with 4mt interior height



The max. distance between axis can be 4m. which provides flexibility to design buildings according to your



Structure is mainly composed of load bearing columns and trusses



Electric cabling can be hidden in the panels or maintained inside cable trays according to your request



Min. 100m² (up to 200m² depends on the project) prefabricated building components can be transported on



Can be disassembled with min. deficiency for later usage



Must be erected on level concrete ground







Modular Construction! Solutions which make dreams come true!



con-flat

Sales Office (112m²)





con-flat

Holiday Camp Accommodation Units (1.120m²)





con-flat

Sales Office (270m²)







Al Sader Military Camp (4.269m²)





con-flat

Headquarters Office (1.764m²)





con-flat

U.S. Embassy Accommodation Facilities (4.512m²)







Main Office (540m²)







Site Office (126m²)





con-steel

Site Mobilization Buildings (1.670m²)





con-steel

Al Sader Military Camp (4.269m²)







Elementary School (610m²)





con-steel





con-steel





con-steel





con-steel





Con-Cabin - Tekil Yaşam Kabinleri

Con-cabin, tekil yaşam kabin ihtiyaçlarını daha ekonomik bir şekilde karşılamak amacı ile Con-flat'e alternatif bir çözüm olarak tasarlanan demonte ünitelerdir.

Genel Özellikleri

- Tekil kullanıma yönelik üretim şekli sayesinde, diğer alternatiflerine göre daha hafif ve bunun getirisi olarak daha ekonomik olması
- Panellerin taşıyıcı özelliğe sahip olması
- Birleştirilememesi veya çok katlı yapılarak olarak kullanılamaması
- 1 tırda paket halinde 10 adet 20" lik modül taşınabilmesi
- Düz zemin betonu veya beton bloklar üzerine oturtulabilmesi



Con-Cabin - Singular Accommodation Cabins

Con-cabin, has been produced as an alternative to Con-flat, in order to meet single module requirements in a more economical manner.

General Features

- Due to its production system designed for singular unit usage, it is lighter and more economical compared to other alternatives
- The system is carried by the panels
- Multiple cabins can't be erected together or used as multi-storey buildings
- 10 units of 20 feet modules can be loaded in a single TIR truck
- Can be erected on level concrete ground or on concrete blocks

Teknik Şartnamesi

- Ana Karkas Sistem, çeşitli kalınlık ve ebatlarda hazırlanan, özel büküm sac profiller ile teşkil edilir.
- Duvarlar İç ve dış duvarlarda 50mm kalınlığında poliüretan dolgulu sandviç paneller kullanılmaktadır. Panellerin iç ve dış yüzeyleri 0,5mm kalınlığında RAL 9002 poliester boyalı galvaniz sac ile kaplıdır.
- Zemin Kaplama: 18mm OSB-3 üzeri 2mm PVC vinyl kaplama
- Tavan
 Çatı: 40mm kalınlığında poliüretan dolgulu sandviç çatı paneli İzolasyon: 40mm poliüretan - Yanmazlık Sınıfı: A (DIN 4102)
- KapılarPoliüretan panel dolgulu PVC/Alüminyum kapılar
- Pencereler4+12+4 çift camlı PVC/Alüminyum pencereler

Technical Specifications

Main Frame	System is maintained by cold-formed steel profiles in different thickness and sizes
Walls	50mm thickness of polyurethane sandwich panels are used both as interior and exterior walls. The internal and external surfaces of the panels are covered with 0,5mm RAL 9002 polyester dyed galvanized metal sheets.
Floor	<u>Covering:</u> 18mm OSB-3 + 2mm PVC vinyl covering
Ceiling	<u>Roof:</u> 40mm thickness of trapezoidal polyurethane sandwich panels <u>Insulation:</u> 40mm polyurethane – Fire Class: A (DIN 4102)
Doors	Polyurethane paneled PVC/Aluminum doors
Windows	4+12+4 double glazed PVC/Aluminum windows









con-cabin











con-cabin





con-cabin

