



## OFFICE & STAFF/CREW CONTAINERS MODELS CHV 060, 150 & 300



### MOBILE MODULAR BUILDINGS FOR PERMANENT OR TEMPORARY OFFICE SPACE SOLUTIONS.

- Customizable room sizes, external wall panels can be removed or partition walls installed.
- ISO certified office containers.
- Fully dismantle-able, robust frame construction.
- Interchangeable wall, window and door elements.

### OUR FLEXIBLE AND HIGH-QUALITY STAFF/CREW CONTAINERS OFFER SPACE FOR EVERYTHING & ROOM FOR EVERYONE.

- Available furnished or unfurnished.
- Pre-installed electrical system, ready for immediate use. Up to three units can be stacked up together.
- Robust frame construction with interchangeable wall, window and door elements.



## CHV CONTAINER YOUR SINGLE SOURCE

- Complete container assortment
- Purchase, rentals and financing
- Project planning and consulting
- Production facility and workshop
- Transport and on-site assembly
- Second-hand containers
- Large container terminal
- Certified top quality products

## CONTACT

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office@chv.at  
www.chv.at



## CHV OFFICE CONTAINERS

Our office containers are manufactured according to ISO standards. They consist of a dismantle-able, robust frame construction, as well as wall, window and door elements. Containers can be combined together, side by side or stacked on top of each other. Rooms of any size can be created by removing external walls or installing partition walls..

Model	Dimensions	Type	Electric Installation	Furnishings
CHV 060	Room height 2,300 mm Exterior L/W/H: 1,200 x 1,200 x 2,591 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm, 1 PVC Dreh-/Kippfenster 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 150	Room height 2,500 mm Exterior L/W/H: 2,991 x 2,438 x 2,791 mm Interior L/W/H: 2,831 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 1 PVC turn/tilt window 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300.48	Room height 2,500 mm Exterior L/W/H: 4,886 x 2,438 x 2,791 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm, 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300	Room height 2,500 mm Exterior L/W/H: 6,058 x 2,438 x 2,791 mm Interior L/W/H: 5,888 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300.73	Room height 2,500 mm Exterior L/W/H: 7,334 x 2,438 x 2,791 mm Interior L/W/H: 7,156 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 3 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300.90	Room height 2,500 mm Exterior L/W/H: 9,120 x 2,438 x 2,791 mm Interior L/W/H: 8,957 x 2,260 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 3 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300 DA	Room height 2,500 mm Exterior L/W/H: 6,058 x 4,886 x 2,791 mm Interior L/W/H: 5,888 x 4,716 x 2,500 mm	Standard Double Container	ÖVE Standard	1 Door 800 x 1,940 mm 4 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters
CHV 300	Room height 2,500 mm Exterior L/W/H: 6,058 x 7,334 x 2,791 mm Interior L/W/H: 5,888 x 4,716 x 2,500 mm	Standard Triple Container	ÖVE Standard	1 Door 800 x 1,940 mm 6 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters



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## CHV STAFF/CREW CONTAINERS

Our staff/crew containers are manufactured in full compliance with ISO standards. They consist of a dismantlable, robust frame construction with interchangeable wall, window and door elements. Containers can be assembled side by side, one behind the other or stacked one above the other. Custom rooms of any size can easily be created by removing external wall elements or installing partition walls.

Model	Dimensions	Type	Electric Installation	Furnishings
CHV 300 BMOB	Room height 2,500 mm Exterior L/W/H: 6,058 x 2,438 x 2,791 mm Interior L/W/H: 5,888 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters - 1 Air conditioning unit (not installed) and electrical power outlet - 1 Desk - 1 Swivel chair - 1 Filing cabinet - 1 Tubular steel table - 4 Stacking chairs - 1 Refrigerator
CHV 300 MMOB	Room height 2,500 mm Exterior L/W/H: 6,058 x 2,438 x 2,791 mm Interior L/W/H: 5,888 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters - 1 Air conditioning unit (not installed) and electrical power outlet - 2 Wine tavern sets - 1 Refrigerator
CHV 300 UMOB	Room height 2,500 mm Exterior L/W/H: 6,058 x 2,438 x 2,791 mm Interior L/W/H: 5,888 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters - 1 Air conditioning unit (not installed) and electrical power outlet - 1 Bunk bed without mattresses - 1 Tubular steel table - 2 Stacking chairs - 2 Lockers
CHV 300 TP* TRANSPACK	Room height 2,500 mm Exterior L/W/H: 6,058 x 2,438 x 2,791 mm Interior L/W/H: 5,888 x 2,268 x 2,500 mm	Standard	ÖVE Standard	1 Door 800 x 1,940 mm 2 PVC turn/tilt windows 875 x 1,255 mm with insulating glass and lockable external roller shutters

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### CHV TRANSPACK. INGENIOUS SPACE SOLUTION.

Transpack containers were designed to reduce transport costs over long distances, and to keep the storage space requirements to a minimum. Thanks to the rapid assembly, entire container villages can be put together quickly and flexibly at almost any location.

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# OFFICE & STAFF/CREW CONTAINERS

## MODELS CHV 060, 150 & 300

### GENERAL

Our office, staff/crew, sanitary, WC, shower and home container solutions are ISO standardized, providing multiple advantages for the construction of modular buildings.

Containers are constructed with a robust, fully dismantlable, steel frame with interchangeable wall, window and door elements.

Individual containers can easily be assembled side by side, one behind the other or stacked one above the other. Our office crew containers are easily customizable. Rooms of any size can be created by simply removing external wall panels or installing partition walls.

### 1 FLOOR

#### 1.1 Frame

Cold formed, primed and paint-coated steel profiles 3 mm thick, 4 welded ISO standard container corners 4/10mm without forklift pockets, optional with 2 forklift pockets (300 x 100mm, distance middle/center 1,500mm) at an extra charge.

#### 1.2 Insulation

100mm mineral wool density 16-24kg/m<sup>3</sup>, combustibility class A - non-combustible, smoke formation class Q1 - low smoke, according to ÖNORM B 3800, optional 100 mm XPS boards at a surcharge.

#### 1.3 Underfloor

0.6mm thick, smooth galvanized sheet metal

#### 1.4 Flooring

22 mm thick chipboard, optional 18 mm cement-bonded chipboard at a surcharge. Homogeneous 1.5 mm thick PVC floor covering laid in sheets and welded in place. Flammability class B1 hardly flammable, smoke formation class Q1 slightly fuming.

For sanitary containers, floor covering raised 100 mm on side walls, additional floor reinforcements in the boiler area, floor drains added in shower rooms.

### 2 ROOF

#### 2.1 Frame

Cold formed, primed and paint-coated steel profiles 3 mm thick, 4 welded container corners 4/10mm, ISO standardized

#### 2.2 Roof Plate

0.6 mm thick, fully galvanized sheet steel, double seamed over the entire length of the container

#### 2.3 Insulation

Ceiling elements: 50mm thick, completely homogeneous polyurethane foamed panels with groove/spring system, 30mm thermal insulation board and 20mm Styrofoam  
U-value: 0.26 W/m<sup>2</sup>K (optional 80mm mineral wool and chipboard white 0.43W/m<sup>2</sup>K)

#### 2.4. Ceiling

Interior: 0.6mm thick, fully galvanized, smooth, coated sheet metal (optional 10mm chipboard white)

### 3 SIDE COLUMNS

3 mm thick cold formed, primed and paint-coated steel profiles

### 4 WALL PARTITIONS

#### 4.1 Exterior Wall

50mm thick, completely homogeneous polyurethane foamed panels with groove/spring system (optional 60mm mineral wool and chipboard white 0.52W/m<sup>2</sup>K)

#### 4.2 Inner Wall

50mm thick, completely homogeneous polyurethane foamed panels with groove/spring system (optional 60mm mineral wool and chipboard white)

### 5 DOORS

#### 5.1 Exterior Doors

Single-leaf aluminum door with aluminum frame, door panel made from galvanized, coated sheet steel with 50mm PU foam insulation.

Dimensions: Clearance 800 x 2,000 mm

On request with glass insert or double wing door 1,600 or 1,800 x 2,000 mm (optional steel door with steel frame)

#### 5.2 Interior Doors

Single-leaf aluminum door with aluminum frame, door panel made of galvanized, coated sheet steel with 50mm PU foam insulation.

Dimensions: Clearance 800 x 2,000 mm

On request with glass insert or double wing door 1,600 or 1,800 x 2,000 mm (optional steel door with steel frame)

### 6 WINDOWS

PVC windows, minimum dimension 875 x 1,255 mm, white lacquered with insulating glass, one-hand turn/tilt mechanism and external roller shutters. On request, sliding windows, double sliding windows, as well as display panes or lattice protection.

Aluminum windows available at an extra charge.

ATTENTION: The built-in insulating glazing is suitable for altitudes of up to 1,000 m above sea level. A pressure compensation must be carried out over 1,000 m.

### 7 ELECTRICAL INSTALLATIONS

All electrical installations are flush-mounted on the ceiling area and surface-mounted along the walls inside special plastic cabling ducts (flush-mounting along the walls optional). All parts are in compliance with valid ÖVE, DIN and CE standards.

#### 7.1 Technical Specifications

Voltage 230/400V, 50Hz CEE external connections through already mounted 400V / 5-pole / 32A wall socket recessed in the upper cross beam.

Junction box single row 1 x 12TE

FI Switch 40/4E-0.03 A

LS Switch 13 A (Light)

LS Switch 16 A (sockets, heating, boiler, etc.)

Schuko socket power outlet

Light switch

Light bar with cover tray and fluorescent tubes 36 W

#### 7.2 Grounding

By means of flat bars welded to the container

#### 7.3 Safety Certification

Commissioning of containers as well as the protective grounding is carried out by the buyer at the place of installation. This work must be carried out by an electrician.

# OFFICE & STAFF/CREW CONTAINERS

## MODELS CHV 060, 150 & 300

### 8 HEATING & CLIMATE CONTROL

(At an extra charge) Heating by means of electric flat 2 kW wall convection heater, thermostat-controlled, infinitely variable, temperature controller between 6 degrees Celsius and 30 degrees Celsius, frost protection below 6 degrees Celsius. Mechanical ventilation option by means of electric fans, installation of compact or split air conditioning units upon request.

### 9 PAINTWORK

Frame construction such as floor, roof and upright frames as well as exterior walls are primed with alkyd resin (corrosion protection) 40my and with top coat alkyd resin 40my in RAL 9002 Grey white or your RAL color of choice.

### 10 THERMAL INSULATION

**Floor with 100 mm mineral wool** 0.36 W/m<sup>2</sup>K

**Floor with 100 mm XPS** 0.37 W/m<sup>2</sup>K

**Outer walls 50mm PU** 0.39 W/m<sup>2</sup>K

**Outer walls 60mm mineral wool** 0.52 W/m<sup>2</sup>K

**Roof 50mm PU + WDP** 0.27 W/m<sup>2</sup>K

**Roof 80mm mineral wool** 0.43 W/m<sup>2</sup>K

**Windows** 2.8 W/m<sup>2</sup>K

**Windows (optional)** 1.4 W/m<sup>2</sup>K

Improved U-values possible on request!

### 11 SOUND INSULATION

33-44 dB (according to ISO L 40/V)

### 12 LOAD CAPACITY

**Permissible total load**

Floor bearing capacity 250kg/m<sup>2</sup>

Roof load capacity 150kg/m<sup>2</sup>

Custom designs (floor up to 1,000 kg/m<sup>2</sup>) possible  
(Price upon request)

### 13 DIMENSIONS

**CHV 300/20FT**

Exterior L/W/H: 6,058 x 2,438 x 2,791 (or 2,591) mm

Interior L/W/H: 5,888 x 2,268 x 2,500 (or 2,300) mm

**CHV 150/10FT**

Exterior L/W/H: 2,991 x 2,438 x 2,791 (or 2,591) mm

Interior L/W/H: 2,831 x 2,268 x 2,500 (or 2,300) mm

### 14 WEIGHT

Model CHV 300 Standard 2,000 kg

Model CHV 150 Standard 1,350 kg

### 15 HANDLING

With forklift or crane

### 16 WIND RESISTANCE

Single containers are resistant to wind speeds of 100 km/h without any additional anchoring. For „multi-story buildings“ and in case of strong winds, appropriate anchoring is necessary (e.g. use of stacking cones, tightening with steel cables).

### 17 TYPE TESTING

Issued by GERMANISCHEN LLOYD Certificate No. FC 5130/01

### 18 SETUP AND ASSEMBLY

According to static calculations containers can be stacked up to three high and put into operation. A single container should be placed on wooden foundation blocks or a concrete points foundation (4-8 pieces) either needs to be provided by the customer. The same applies when several containers are assembled to form a larger modular structure. Containers can however, also be placed on concrete strips or concrete slabs.

The foundation dimensions and frost depth must be adapted to local conditions, in particular the soil conditions (if necessary a foundation plan can be provided upon request).

The level uniformity of the foundation is a prerequisite for trouble-free installation and sturdy stance of the entire structure.

For container assembly, see the corresponding assembly instructions.

### 19 QUALITY MONITORING

The supplier must be informed of any necessary requirements from the respective national building regulatory commission.

Last updated: October 2016

Subject to technical changes!