

**CUSTERS®**

**ALUMINIUM SCAFFOLDS**

# The aluminium scaffold system



**WITH UNIVERSAL, SYMMETRIC  
SECTION DIMENSIONS.**

**PARTS ARE INTERCHANGEABLE BETWEEN  
TOWER SCAFFOLDS, FAÇADE SCAFFOLDS,  
STAIRWAY TOWERS, CHIMNEY SCAFFOLDS,  
FOLDING SCAFFOLDS, PAINTER'S  
SCAFFOLDS, ROOFINGS AND STAGES.**

**CUSTERS**

# CLUSTERS®

## Range and characteristics

**CUSTERS® stands for economical top quality aluminium scaffold products.**

**With decades of experience in designing and manufacturing modular scaffolds and special scaffold constructions, stairways, bridgings, trusses, goals and all kinds of constructions as well, Custers acquired an enviable international reputation among all possible kinds of customers, ranging from rental company to air base and from sports union to vegetable grower.**

**The CUSTERS® system with more than 350 different components, stands out by versatility, unlimited variation and combination possibilities, ease in constructing and durability.**

The whole range of scaffold products consists of the following models:

- tower scaffolds
- stairway towers
- façade (renovation) scaffolds
- folding scaffolds
- chimney scaffolds
- roof window scaffolds
- painter's scaffolds
- scaffold roofings
- stages
- roof edge protection
- custom-made aluminium constructions for climbing, bridging, passage, span, roofing; small / large, suspended / standing, fixed / movable
- tailor-made maintenance platforms for any type of helicopter and aircraft, both civil and military.

This system was particularly designed for the exigent rental market. Therefore, all parts are constructed to be robust, maintenance-free and easy to repair with lowest possible damage risk.

The CUSTERS-system offers almost unlimited variation, combination and interchange possibilities, due to the combination of:

- a) a more than 350 different standard components range
- b) the platform floors being placed on every 25 cm. height in several scaffold models
- c) the symmetric section dimensions in all scaffold models

d) universal tube sizes in all scaffold products, resulting in all following parts being interchangeable between tower scaffolds, stairway towers, façade scaffolds, folding scaffolds, suspended scaffolds, chimney scaffolds, painter's scaffolds, roofings, roof edge protection and stages:

- standard frames
- guardrail frames
- guardrail braces
- platforms
- frame securing pins
- toeboard parts

### Features

- admissible load: 200 kg/sq.m
- tube wall thickness: 2.3 mm
- maximum safety
- very flexible in adapting into different models
- easy to assemble and use
- light-weight
- durable and heavy-duty construction
- time-saving
- maintenance-free

### Safety

The various Custers scaffolds not only meet or exceed the current European regulations, they also have been tested and certified to the various separate national standards. These approvals are listed on the rear page.

### Advantages over other systems

- erection-friendly finished frame spigot pins
- clear colour coding on all braces according to application
- 8 rungs per frame for more different standing heights to choose from
- all-round rib-grip rungs
- only 1 cross of two diagonals per section, for free working space alongside the wall
- screwed platform claws instead of welded, for easy and economical replacing where damaged
- platform placing and removing by just one person
- unlimited application versatility by symmetric dimensions and large components variety
- user-friendly finishing on practical details + more durability
- the combination of tube wall

thickness with weld construction enables up to 30 m (anchored) scaffold height construction, both with façade and tower scaffold frames as proven in practice (towers under supervision of the manufacturer Custers)

- optimal price/performance ratio

### Stages

Aluminium stages in 4, 5, 6, 7 and 7.5 m lengths. Any other length up to 8 m is supplied on request also. Simple guardrailing, quick assembly. Fully from aluminium, so light-weight and critically tested. Equipped with double claws and wind protection as standard, so two-sided applicable, both indoors and outdoors. The 4 and 5 m versions can even be used as full working platforms with 200 kg/sq. m admissible load accordingly. See separate flyer for all relevant information.

### Accessories and alternatives

- **roof window frames**, for more outreach and storage space up to 2.6 m. outside the scaffold outlines
- **brackets**, for outreach outside the scaffold outlines without supports
- **stages**, for constructing in lengthway direction
- **platform carriers**, for constructing in square direction
- **roofings**, for working during extreme weather conditions
- **pedestrian frames**, for free passage on the pavement
- **walk-through frames**, for horizontal passage in connected scaffold towers
- **z-diagonals**, for placing platforms at any height in small scaffold towers
- **2-rung frames**, for levelling on strongly inclined ground
- **width adapting beams**, for erecting a small scaffold on top of a large scaffold or vice-versa
- **scaffold locks**, for theft prevention
- **anti-access fences**, for burglary and injury prevention
- **alternative models** of wheels, guardrail frames, horizontals, diagonals, platforms, frame securing pins and stabilisers.

# CLUSTERS®

## The characteristics of the Custers® system

### Brace claw



All braces are equipped with self-securing claws. These robust claws (proved in practice) make the scaffold safe and stable for simple, fast and effective erecting and dismantling. The claw block colouring matches the sticker colours. These stickers clearly indicate all relevant information on horizontals, diagonals and horizontal-diagonals

### Platform

The durable platform wood has a non-skid top layer. The claws are screwed and thus easy to replace.



### Aluminium stages

The two-sided applicable 5 m. platform meets the scaffolding class 3 regulations (200 kg/sq.m.) and as such it has been approved by the German BBG. The side-profile also functions as a toeboard.



### Welding connections and rip-grip rungs

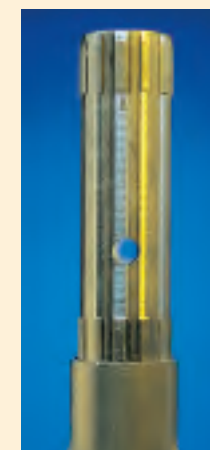
The connections of frame rungs to frame posts are welded all round. This welding quality meets the German SLV regulations. It guarantees a maximum load capacity and long durability.



For maximum safety in climbing the frame, rungs are provided with rip-grip profile.



application and dimensions. Red marked is a horizontal; blue is a diagonal and yellow is a horizontal-diagonal (in combination with one horizontal brace it may replace the platform down below the scaffold).

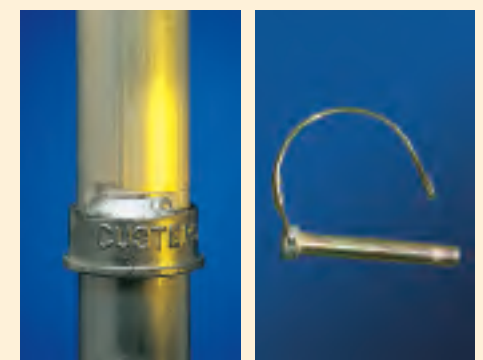


### Spigot-pin

The special spigot pin finishing eliminates undesirable sticking while providing maximum frame fitting stability. Frames are placed and removed in maximum ease.

### End ring and frame securing pin

For avoiding damage or deformation, the frame post endings are equipped with welded end rings. The frames are secured by metallic clips with steel pins.



### Toeboard holder

UV- and weather-resistant synthetic material; easily fitted on the frame post for toeboard connection.



### Castor wheel

The strong synthetic or rubber wheel guarantees light and safe scaffold tower steering and rolling. Height and stability are adapted easily by using the spindle nut. The braking and unbolting mechanism enables easy operation.





# CLUSTERS®

## Different tower versions

### Custers® tower scaffoldings

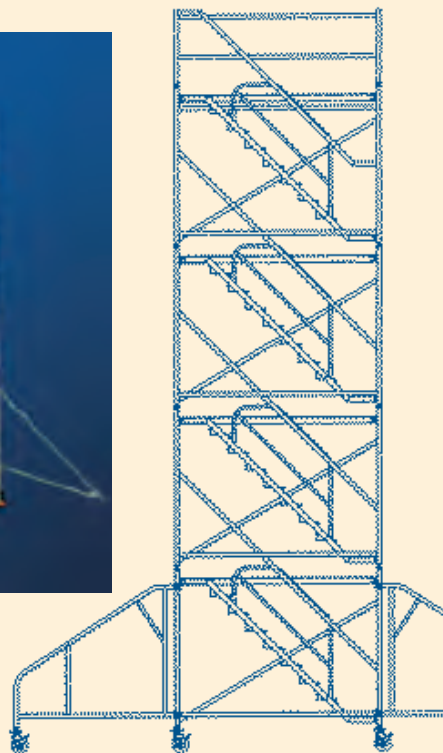
*Pictures right: 0.7 x 1.8 m / 1.3 x 2.5 m with outriggers*

The Custers towers are available in combinations of 1.8 / 2.5 / 3.1 m length with 0.7 / 1.3 m width. For stabilizing, choice can be made from adjustable small and large outriggers and non-adjustable elbow outriggers and fixed or adjustable rolling beams. Also wheels, guardrail sections and platforms are available in various models.



### Custers® stairway towers

Available in 1.3 m width by 1.8 or 2.5 m length. The stairways can be placed both zig-zag and parallel. For extra safety, the large stairs are provided with toeboards. For guardrailing, you can choose from diagonal braces and specific stairway guardrails.



# CLUSTERS®

## Roof constructions

### Custers® roof window scaffolds

The ideal way to create a bridging between scaffold and roof window at any length up to 2.6 m at striking ease. The light-weight and heavy-duty roof window frame, leaning on the roof by foam-rubber rolls for optimal pressure division, offers a marvellous working space. This working floor can be limitlessly lengthened side-ways (parallel to the roof) by placing more towers and equip them with roof window frames and platforms inbetween these frames, leaving out the end-guardrailings for free passage alongside the roof. See separate brochure for all relevant information.

### Custers® chimney scaffolds

By using the standard components from the tower scaffolds (frames, guardrail frames, horizontals and platforms) and adding just three specific components (ladder, ridge support and base support) and the fully safe and comfortable working floor on height is a fact. The composition can be varied from single to double version, as well as platform length, erection height, slope and ladder length. Even more, by using platform carrying beams in the scaffold tower alongside the building, a chimney at the top end of a ridge can be scaffolded on all sides (see picture below). See separate brochure for all relevant information.



### Custers® roof edge protection

A feather-lightweight and fully safe and compact system of barrier frames, cantilever weights and universal guardrail tubes. Fastly erected and ideal for working on free roof surface right underneath the suspendable barrier frame girder. Damage-free by guardrail securing through self-securing claw-blocks on barrier frame posts and by the use of steel instead of concrete for cantilever weights. Both mutual frame distance and guardrail length are flexibly adjustable. See separate brochure for all relevant information.



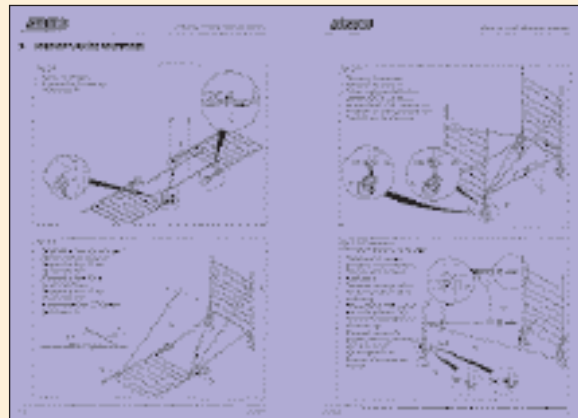
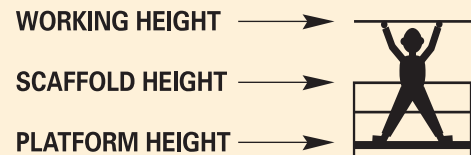


max. load: 200 kg/sq.m (scaffold class 3)

For outdoor use composition, as well as wall-fixed application and the use of ballast material: see separate instruction manual.

[illegible]

*When purchasing a Custers tower scaffold, you receive an erection and use instruction manual. The instructions regarding outrigger and ballast weight application, scaffold erecting, use and dismantling, are to be strictly followed.*

[illegible][illegible]



**WORKING HEIGHT** →

**SCAFFOLD HEIGHT** →

**PLATFORM HEIGHT** →

## A large indoor swimming pool with a red banner hanging across the top. The pool is surrounded by a white deck and has a high ceiling with a complex steel truss structure. The water is clear and blue. There are some people visible in the background near the pool edge.

14,0 m.  
12,0 m.  
10,3 m.  
8,3 m.  
6,3 m.  
4,3 m.  
2,3 m.

M  
M  
M  
length  
kg

[illegible]

8.3			9.3			10.3			11.3			12.3			13.3			14.0		
7.3			8.3			9.3			10.3			11.3			12.3			13.0		
6.3			7.3			8.3			9.3			10.3			11.3			12.0		
2.5	3.1		1.8	2.5	3.1	1.8	2.5	3.1	1.8	2.5	3.1	1.8	2.5	3.1	1.8	2.5	3.1	1.8	2.5	3.1
226	249		225	250	274	231	256	280	267	299	329	273	305	336	295	328	361	301	334	367

A white mobile office unit on wheels, with a person standing on a platform next to it. The unit has a large window and a door. It is parked on a paved surface.

9



# CLUSTERS® HANDY®-SUPER

## Façade scaffold applications



**35 flats.**  
Balcony extension by fitting prefab balcony floors. The built-in balcony floors are raised with shot-concrete and equipped with anchors from the scaffold brackets at wall side. After removing all brackets on balcony height, the prefab floors are hoisted inbetween scaffold and wall and equipped with haul rods and guardrails. The scaffold is composed from 1.8 and 2.5 m length with 2.0 and 2.8 m platform height combinations.



**Convent.**  
Replacing roof-slats at the spire. The scaffold may not support on the church roof below; therefore a free-hanging construction in front of the side wall, connected to tower sections alongside the front and back wall. Tower sections: 2 x 2.5 m extended with semi-open intermediate frames. Total height 25 m.



# CLUSTERS® HANDY®-SUPER

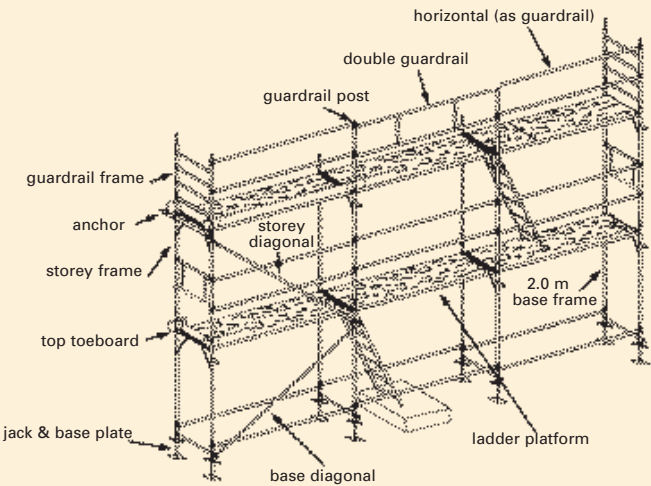
## Aluminium façade scaffold

### Introduction

This modular façade scaffold - like all other products in the CUSTERS scaffold system - was especially developed for the exigent rental market. For minimizing damage risk, all components are robust and maintenance-free constructed. The all-round weldings of rungs to posts and brace claws to brace tubes, show this quality care. Chain welding and clamp connection are purposively not used for this reason.

The platforms always remain removable, also AFTER constructing the following storeys on top of the platforms and after anchoring. This is enabled by the 'open' storey frame shape in combination with the unique wind protection mechanism containing a pin half-way between the platform claws instead of platform claw securing blocks - an absolute break-through in the scaffolding branch !

By extending Handy-Super with separate frames, 2.8 m alternatively to 2.0 m storey height is obtained: simply add 0.8 m frames to the 2 m base and storey frames. The Handy-Super façade scaffold complies with the European Harmonisation Document 1000, based on the German standard DIN 4420, part 4.



### Composition with 2 m storey height

Note: F = number of fields (horizontal); S = number of storeys (base included)

description:	part number:		number required:
jack & base plate	9501.520.010		2 x (V+1)
base frame	9501.200.017		V + 1
storey frame	9501.200.019		(V+1) x (E-1)
guardrail frame	9501.200.022/122		2
guardrail post	9501.903.050		V - 1
frame securing pin	9501.410.160/2/5		2 x E x (V+1)
toeboard holder	9501.800.087		2 x E x (V+1)
top toeboard	9501.200.092		2 x E
end guardrail	9501.903.040		2 x (E-1)
anchor + hook	9501.800.330		(*1)
anchor coupling	9501.800.335		2 x n. of anchors
eye bolt	9501.800.340		same as n. of anchors
plug	9501.800.341		same as n. of anchors
field length:	1,8 m	2,5 m	
ladder platform	9501.320.015 (*3)	9501.320.025	E
platform	9501.310.010	9501.310.020	(ExV) - E
horizontal	9501.200.058	9501.200.030	(E+1) x V x 2
side toeboard	9501.200.086	9501.200.090	E x V x 2
base diagonal	9501.800.044	9501.800.040	V : 5 (*2)
storey diagonal	9501.800.043	9501.200.055	(V:5) x (E-1) (*2)

\*1 Variable, depending on conditions and accessories. For basic rules regarding necessary number of anchors, see the CUSTERS scaffolding manual or consult your supplier.  
\*2: If decimal result, always round off upwards.  
\*3: With field length 1.8 m, trapdoor platform + suspension rod and separate ladders with hooks are used.

### Interchangeable components

All following components are interchangeable with the tower scaffolds, stairway towers, painter's scaffolds, chimney scaffolds and folding scaffolds:

- small 8-rung frame
- small guardrail frame
- horizontals
- platforms
- frame securing pins
- toeboard parts

### Advantages

- platforms keep being removable, even AFTER construction and anchoring
- parts are interchangeable with towers/stairway towers
- extremely fast construction and dismantling due to fitting and weight
- fast assembly up to 30 m height with simple anchoring
- no moving parts, so maintenance-free
- light-weight, fully solid and stable
- unique and simple toeboard system
- low stock costs due to optimal frame utilization
- wide adaptable spectrum due to various length and height dimensions
- simple and fast adaption for working between 2.0 m and 2.8 m also.

### Section dimensions

length : per 1.8 / 2.5 m  
width : 0.7 m  
height : per 0.8 / 2.0 / 2.8 m

Per anchor point:			
anchor and hook	9501.800.330	1	
anchor coupling	9501.800.335	2	
eye bolt	9501.800.340	1	
plug	9501.800.341	1	

**Determining total number of anchors:**

- at 4 m above ground level: at each storey frame + ...
- \* ... at left and right scaffold edge: on every 4 m height + ...
- \* ... on top guardrail: at each second storey frame, starting with the first and the last + ...
- \* ... in scaffold inner part: in vertical line at each post line on every 4 m or 8 m, staggered or non-staggered (depending on wind force / canvasses / nets / others) (\*1)



# CLUSTERS® HANDY®-SUPER

## Quality and safety

### Wall scaffold base frame

Light, strong, stable and easy-to-handle, equipped with robust transverse connection. Both strong diagonal connections also guarantee long durability.



### Wall scaffold storey frame

A sophisticated frame, equipped with a guardrail stop for correct guardrail positioning. Also, the double diagonal connection eases assembly and disassembly. This frame offers optimal passage height, due to the flat platform floor surface without inconvenient obstacles. This 2 m high frame consists of two strong posts with welded end-rings and spigot pins and a strengthened transverse connection.



### Anchoring

According to a clear anchoring pattern, the anchor tube is fitted to both storey frame posts, with the anchor hook gripping into the eye bolt fixed into the wall.



### Diagonal connection

The diagonals adjacently clamp onto a so-called diagonal connection, welded onto the base frame and storey frame in square position. Robust and particularly easy to assemble and remove.



### Brackets

The 'inner bracket' has 0.3 m platform width, enlarging the work floor towards the wall. The 'outer bracket' has 0.6 m platform width, being multifunctional: offering extra passage or storage space, or protecting from rubble falling (brackets to be supplied with fences).

### End guardrail

The storey frame can function as end frame also. Therefore, an end guardrail is placed in the storey frame - safety again. When fitting, the claws clamp around the posts and are just as easily unlocked again.



# CLUSTERS® HANDY®-SUPER

## User's friendly



### Platforms stapled without sliding



### Lattice beam

By using a lattice beam, a no less than 5 m long bridging is obtained, from which the scaffold is extended to any permitted height and access to garage doors, shop-front or whatever entrance is kept clear.

### Removable platform



### Jack and base plate

Like the tower scaffold castor wheel, this jack has trapezoid screw-thread and a wing nut. This jack also is zinc-plated. The screw holes in the base plate offer ground anchoring possibility where necessary.



ladder locking on platform lower side

### Accessories and alternatives

- **brackets**, for extra outreach and storage space outside the scaffold surroundings
- **stages**, for constructing in lengthway direction
- **roofings**, for working during extreme weather conditions
- **pedestrian frames**, for free passage on the pavement
- **wider storey frames**, for extra storage space alongside the passage-way
- **width adapting beam**, for erecting a small scaffold on top of a large scaffold or vice-versa
- **scaffold locks**, for theft prevention
- **anti-access fences**, for burglary and injury prevention
- **lattice beams**, for scaffolding construction on top of 5 m long bridging
- **2-rung frames**, for levelling on strongly inclined ground
- **safety fences**, for falling object protection and rubble storage
- **alternative models** of guardrail frames, horizontals, frame securing pins

A sophisticated wind protection mechanism, clamping the platform firmly onto the supporting rung, enables the platforms to be removed where desired without removing any other part, even AFTER complete scaffold construction. This unique feature offers up to 5 by 2.5 m large openings anywhere in the scaffold.





# CLUSTERS® CHICO & BUDGET 180 / 250

## Aluminium folding scaffold

The Chico and Budget folding scaffold are the ideal help at home, office, garage or factory. Even along the façade, as Chico or Budget are just as smart as you are! Made of aluminium, Chico and Budget folding scaffolding are light-weight, so easily and quickly positioned. It consists of just two basic parts: the folding frame (including 4 castor wheels with brakes and a frame securing pin) and the solid light-weight platform (which can also be used in other Custers scaffold models). The platform floor is made of water-resistant wood with anti-slip top layer, as Chico and Budget are also designed for outdoor use. As smart as Chico or Budget are used, it is just as easily transported in full pontificals through office or home door and folded in the back of the car for the next job to come.

For working safely and easily at greater heights, a simple guardrail package is used. Up to 4 m working height, folding scaffolds are extended without exchanging wheels or using diagonals. Over 4 m, tower scaffold wheels are to be used and a diagonal brace pattern is to be added. On purpose, the guardrail package for Chico and Budget consists of separate guardrail frames and guardrail braces - offering safety and ease when assembling by one person. With the platform on the upper frame rungs you will work on highest level with a real and compact scaffold!

### Dimensions

- length 1.8 / 2.5 m with
- width 0.7 / 1.3 m with
- single-person or two-person platforms (max. load 150 or 200 kg/sq m respectively) with
- scaffold height 1.8 / 2.8 m or even more!

The table below shows which material is used in the different scaffold versions:

length x width (m)			1.8 x 0.7 m		1.8 x 1.3 m		2.5 x 0.7 m		2.5 x 1.3 m	
part no. (all nos. starting with 9501.)	part. no. in load class		working height up to		working height up to		working height up to		working height up to	
	150 kg./sq m	200 kg./sq m	3 m	4 m	3 m	4 m	3 m	4 m	3 m	4 m
folding frame	720.015 / 720.016		1	1						
folding frame	720.065 / 720.066				1	1				
folding frame	720.025 / 720.026						1	1		
folding frame	720.045 / 720.046								1	1
2-rung frame	720.001 or									
4-rung frame	200.022			2				2		
2-rung frame	720.002 or					2				2
4-rung frame	200.020									
frame securing pin	410.162			4		4		4		4
horizontal 1.8 m	200.058			2		2				
horizontal 2.5 m	200.030							2		2
outrigger	430.200		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
platform 1.8 m	205.470	310.010	1		2	1				
trapdoor platform 1.8 m	205.475	310.015		1		1				
platform 2.5 m	205.460	310.020					1		2	1
trapdoor platform 2.5 m	205.465	310.025						1		1

\*: outrigger use: depending on scaffold application - see Safety instructions (next page ►)

### Easy to transport!



### Extending

More height is obtained by adding tower scaffold components and replacing the folding scaffold wheels by tower scaffold wheels, enlarging total load capacity up to adequate tower scaffold level. The folding scaffold wheels are simply unscrewed after which the tower wheels are slipped into the frame posts.

### Extra rungs and height!



# CLUSTERS® CHICO & BUDGET 180 / 250

## Construction order



1. Unfold the frame; insert the frame securing pin in the hinging rod of the folding frame and lock all wheel brakes.



2. Place the platform on the middle rungs and fit the guardrail frames onto the folding frame as shown. For securing the guardrail frames, insert the frame securing pins into the frame post holes.



3. Fit the horizontals onto the guardrail frame posts on 0.5 and 1.0 m above eventual platform height. These horizontals are used as guardrails and guarantee your safety.



4. Now place the platform at the desired height; however, not higher than the folding frame top rungs. When working outdoors, lock the wind protection pin (underneath the 200 kg/sq.m. platform) to the supporting rungs.

"Your Chico or Budget is ready-to-use in 1 minute !"

### Safety instructions

When working outdoors and/or with horizontal force, add outriggers to the folding scaffold.

Permitted load when stationary (for all length/width combinations):

- using platforms with part no. 205.4....: 150 kg/sq. m platform surface;
- using platforms with part no. 310.0....: 200 kg/sq. m platform surface; always with a maximum of 300 kg for the whole scaffold.



# CLUSTERS® Custom-made scaffolds and constructions

## Organisation of Prohibition of Chemical Weapons (OPCW) in The Hague - NL.

The job: finishing the lower side of the 6 m protruding and inclined roofing at 30 m height without extending the scaffold on site.

The solution: a grandstand-shaped, two-part suspended construction, each part with 15 sq. m work space, divided over 10 standing heights with 1000 kg load capacity and an overall weight of 580 kg each. With break-protected crabs on the window cleaning railings and supported on top of the roof edge, the whole construction is moved by hand.. Each part constructed by four men in one day.



Platform for cleaning and inspection of water separation filter in gas extraction area.



Custers is unique specialist in custom-made aluminium construction design and manufacturing. With decades of experience in modular scaffold products, as well as special working platforms, stairways, guard railings, steps and bridgings, Custers has acquired an enviable international reputation. For every specified set of requirements, an expert team of designers and C.A.D.-engineers offer a sophisticated and most economical proposal with two approach possibilities to choose from:

- a fully object shape matching product, thus completely unique regarding design and manufacture; or:
- maximum standard modular scaffold components application where possible, completed with special components in the final design phase only. offering all modular system flexibility advantages, as well as economics to profit from.



Cougar full-maintenance dock

# CLUSTERS® All basic components

for tower scaffolds, folding scaffolds, stages, roofings, stairway towers and wall scaffolds

<b>9501.200.010</b>  <b>A F</b>	<b>9501.200.017</b>  <b>G</b>	<b>9501.320.025</b>  <b>G</b>
<b>9501.200.020</b>  <b>A B F</b>	<b>9501.200.018</b>  <b>G I</b>	<b>9501.340.020</b>  <b>G</b>
<b>9501.200.025</b>  <b>A B</b>	<b>9501.200.019</b>  <b>G I</b>	<b>9501.310.035</b>  <b>A</b>
<b>9501.200.120</b>  <b>A F</b>	<b>9501.902.090</b>  <b>G</b>	<b>9501.800.140</b>  <b>G</b>
<b>9501.200.012</b>  <b>A G H</b>	<b>9501.340.010</b>  <b>G</b>	<b>9501.903.040</b>  <b>G I</b>
<b>9501.200.022</b>  <b>A B G H</b>	<b>9501.310.010</b>  <b>A B G H</b>	<b>9501.800.013</b>  <b>C E</b>
<b>9501.200.026</b>  <b>A B G</b>	<b>9501.310.020</b>  <b>A B C F G H I</b>	<b>9501.800.058</b>  <b>A B C G</b>
<b>9501.200.122</b>  <b>A G H</b>	<b>9501.310.030</b>  <b>A F</b>	<b>9501.800.030</b>  <b>A B C F G</b>
<b>9501.200.110</b>  <b>A</b>	<b>9501.310.015</b>  <b>A B G H</b>	<b>9501.800.050</b>  <b>A C F</b>
<b>9501.200.109</b>  <b>A F</b>	<b>9501.310.025</b>  <b>A B G H</b>	<b>9501.200.058</b>  <b>A B C D E G H</b>
<b>9501.200.014</b>  <b>G</b>		<b>9501.200.030</b>  <b>A B C D E F G H I</b>



# CLUSTERS®

## All basic components

for tower scaffolds, folding scaffolds, stages, roofings, stairway towers and wall scaffolds

<b>9501.200.049</b> A C	Horizontal-diagonal 1.8 / 1.3 m. Length: 2.2 m. Weight: 2.5 kg.
<b>9501.200.052</b> A C	Horizontal-diagonal 2.5 / 0.7 m. Length: 2.6 m. Weight: 2.7 kg.
<b>9501.200.050</b> A C F	Horizontal-diagonal 2.5 / 1.3 m. Length: 2.8 m. Weight: 3.1 kg.
<b>9501.200.054</b> A C	Horizontal-diagonal 3.1 / 0.7 m. Length: 3.1 m. Weight: 3.4 kg.
<b>9501.902.050</b> A C F	Horizontal-diagonal 3.1 / 1.3 m. Length: 3.3 m. Weight: 3.6 kg.
<b>9501.800.047</b> C G	Base diagonal 1.8 x 0.8 m. Length 1.8 m. Weight 2.5 kg.
<b>9501.800.048</b> C G	Base diagonal 2.5 x 0.8 m. Length 2.5 m. Weight 3 kg.
<b>9501.800.045</b> C G	Storey diagonal 1.8 x 0.8 m. Length 1.9 m. Weight 2.5 kg.
<b>9501.800.046</b> C G	Storey diagonal 2.5 x 0.8 m. Length 2.6 m. Weight 3 kg.
<b>9501.800.044</b> C G	Base diagonal 1.8 x 2.0 m. Length 2.4 m. Weight 3 kg.
<b>9501.800.040</b> C G	Base diagonal 2.5 x 2.0 m. Length 3.0 m. Weight 3.2 kg.
<b>9501.800.043</b> C G	Storey diagonal 1.8 x 2.0 m. Length 2.7 m. Weight 3 kg.
<b>9501.200.055</b> C G I	Storey diagonal 2.5 x 2.0 m. Length 3.2 m. Weight 3.3 kg.
<b>9501.200.092</b> A H B I G	Top toeboard 0.7 m. Length: 0.6 m. Weight: 1.2 kg.
<b>9501.200.090</b> A B F	Top toeboard 1.3 m. Length: 1.2 m. Weight: 2.4 kg.
<b>9501.200.086</b> A H B G	Toeboard 1.8 m. Length: 1.7 m. Weight: 3.3 kg.
<b>9501.200.080</b> A H B I F G	Toeboard 2.5 m. Length: 2.4 m. Weight: 4.4 kg.
<b>9501.902.080</b> A F	Toeboard 3.1 m. Length: 3.0 m. Weight: 5.8 kg.

<b>9501.800.087</b> A B F G H I	Toeboard holder, yellow. Weight: 0.2 kg.
<b>9501.510.010</b> A B F	Jack + castor wheel, black rubber. 200 mm. Adjustability: 0.25 - 0.40 m. Weight: 7.2 kg.
<b>9501.510.050</b> A B F	Jack + castor wheel, yellow synthetic. 200 mm. Adjustability: 0.25 - 0.40 m. Weight: 6.3 kg.
<b>9501.410.160</b> A B C E F G H I	Frame securing Weight: 0.03 kg.
<b>9501.410.162</b> A B C E F G H I	Frame securing pin. Weight: 0.02 kg.
<b>9501.800.935</b> A B E F G I	Swivle coupling. Weight: 1.7 kg.
<b>9501.800.120</b> A B E F G	Straight coupling, short connector. Weight: 1.4 kg.
<b>9501.800.125</b> A B E F G	Straight coupling, long connector. Weight: 1.5 kg.
<b>9501.904.030</b> A	Platform carrying beam 1.8 m. Length: 1.8 m. Weight: 5.0 kg.
<b>9501.904.010</b> A F	Platform carrying beam 2.5 m. Length: 2.5 m. Weight: 6.5 kg.
<b>9501.904.020</b> A F	Platform carrying beam 3.1 m. Length: 3.1 m. Weight: 7.5 kg.
<b>9501.800.610</b> G	Lattice beam 5.0 m. Length 5.0 m. Height 0.4 m. Weight 18.0 kg.
<b>9501.800.620</b> G	Lattice beam middle frame Height 0.8 m. Width 0.7 m. Weight 5.3 kg.
<b>9501.800.630</b> G	Lattice beam cross connector Width 0.7 m. Weight 0.9 kg.
<b>9501.200.005</b> A F	Width adapting beam 1.3 into 0.7 m. Length: 1.3 m.
<b>9501.200.006</b> A F	Width adapting beam 0.7 into 1.3 m. Height 1.0 m. Width 1.3 m. Weight 5.5 kg.

<b>9501.410.100</b> A B F	Small adjustable outrigger. Length extended: 1.8 m. Width extended: 1.5 m. Weight: 6.6 kg.
<b>9501.420.100</b> A F	Large adjustable outrigger. Length extended: 2.6 m. Width extended: 2.5 m. Weight: 9.8 kg.
<b>9501.460.010</b> A F	Small elbow outrigger. Width: 1.3 m. Weight: 7.0 kg.
<b>9501.470.010</b> A F	Large elbow outrigger. Width: 2.0 m. Weight: 9.0 kg.
<b>9501.600.058</b> F	Stairway 1.8 m. Weight: 22.0 kg.
<b>9501.600.050</b> F	Stairway 2.5 m. Weight: 25.0 kg.
<b>9501.600.030</b> F	Stairway 2.5 m. Weight: 20.0 kg.
<b>9501.600.070</b> F	Stairway middle guardrail frame Length: 1.8 m. Weight: 10.0 kg.
<b>9501.600.310</b> F	Stairway middle guardrail frame Length: 2.5 m. Weight: 12.0 kg.
<b>9501.600.320</b> F	Stairway guardrail for 1.8 m Weight: 3.1 kg.
<b>9501.600.220</b> F	Stairway guardrail for 2.5 m Weight: 3.2 kg.
<b>9501.600.210</b> F	Guardrail diagonal 1.8 m Weight: 3.1 kg.
<b>9501.600.120</b> F	Guardrail diagonal 2.5 m Weight: 3.7 kg.
<b>9501.600.145</b> F	Ladder, 2 m. Length 2.1 m. Weight 2.8 kg.
<b>9501.300.015</b> G	Ladder, 2.8 m. Length 2.9 m. Weight 3 kg.
<b>9501.300.030</b> G	Ballast weight 25 kg.

# CLUSTERS®

## All basic components

for tower scaffolds, folding scaffolds, stages, roofings, stairway towers and wall scaffolds

<b>9501.903.210</b> A F	tower bracket 0.7 Height 0.5 m. (spigot pin excl.) Width 0.7 m. Weight 4 kg.
<b>9501.800.510</b> G	wall scaffold bracket 0.7 Height 2.0 m. (spigot pin excl.) Width 0.7 m. Weight 3.3 kg.
<b>9501.800.520</b> G	wall scaffold bracket 0.3 Height 0.4 m. (spigot pin excl.) Width 0.3 m. Weight 1.8 kg.
<b>9502.310.040</b> A D F	Platform 4.0 m. (double-sided-200 ) Length: 4.0 m. Width: 0.61 m. Weight: 32.0 kg.
<b>9502.310.050</b> A D F	Platform 5.0 m. (double-sided-200 ) Length: 5.0 m. Width: 0.61 m. Weight: 40.0 kg.
<b>9502.310.060</b> A D F	Stage 6.0 m. (double-sided) Length: 6.0 m. Width: 0.61 m. Weight: 48.0 kg.
<b>9502.310.070</b> A D F	Stage 7.0 m. (double-sided) Length: 7.0 m. Width: 0.61 m. Weight: 56.0 kg.
<b>9502.310.075</b> A D F	Stage 7.5 m. (double-sided) Length: 7.5 m. Width: 0.61 m. Weight: 60.0 kg.
<b>9501.903.060</b> D	Stage guardrail post. Weight: 0.6 kg.
<b>9501.903.050</b> I	Wall scaffold guardrail post. Height 1.0 m. Weight: 0.6 kg.
<b>6404.005.001</b> A B E F G H I	Scaffold frame lock.
<b>9501.490.020</b> A E F G	Adjustable roofing frame. Weight: 9.5 kg.
<b>9501.800.330</b> G	Anchor tube + hook Length 1.2 m. Weight 4.2 kg.
<b>9501.800.335</b> G	Anchor fitting Weight 0.9 kg.

<b>9501.800.340</b> G	Eye-bolt
<b>9501.800.341</b> G	Plug
<b>9501.520.010</b> G	Jack & base plate Height 0.5 m. Weight 5.4 kg.
<b>9501.490.040</b> A E F G	Roofing anchor. Weight: 2.0 kg.
<b>9504.490.112</b> A E F G	Roofing canvas 0.7. Length: 0.7 m.
<b>9504.490.110</b> A E F	Roofing canvas 1.3. Length: 1.3 m.
<b>9504.490.158</b> A E F G	Roofing canvas 1.8. Length: 1.8 m.
<b>9504.490.130</b> A E F G	Roofing canvas 2.5. Length: 2.5 m.
<b>9504.490.140</b> A E F	Roofing canvas 3.1. Length: 3.1 m.
<b>9501.720.015</b> B	Foldable scaffold "Chico" 1.8 x 0.7 m. Height: 1.84 m. Weight: 26.0 kg. (platform excl.)
<b>9501.720.025</b> B	Foldable scaffold "Chico" 2.5 x 0.7 m. Height: 1.84 m. Weight: 29.0 kg. (platform excl.)
<b>9501.720.016</b> B	Foldable scaffold "Budget" 1.8 x 0.7 m. Height: 1.84 m. Weight: 21.3 kg. (platform excl.)
<b>9501.720.026</b> B	Foldable scaffold "Budget" 2.5 x 0.7 m. Height: 1.84 m. Weight: 22.5 kg. (platform excl.)
<b>9501.720.001</b> B	Chico guardrail frame 0.7. Height: 1.0 m. Width: 0.7 m. Weight: 3.3 kg.

<b>9501.720.002</b> B	Chico guardrail frame 1.3. Height: 1.0 m. Width: 1.3 m. Weight: 4.3 kg.
<b>9501.720.130</b> B	Chico wheel + brake, yellow synthetic. Weight: 1.2 kg.
<b>9501.205.470</b> B	Chico platform 1.8. Glued water-resistant wood with anti-slip top layer. Length: 1.8 m. Width: 0.55 m. Weight: 14 kg.
<b>9501.205.460</b> B	Chico platform 2.5. Glued water-resistant wood with anti-slip top layer. Length: 2.5 m. Width: 0.55 m. Weight: 17 kg.
<b>9501.205.475</b> B	Chico trapdoor platform 1.8. Glued water-resistant wood with anti-slip top layer. Length: 1.8 m. Width: 0.55 m. Weight: 14 kg.
<b>9501.205.465</b> B	Chico trapdoor platform 2.5. Glued water-resistant wood with anti-slip top layer. Length: 2.5 m. Width: 0.55 m. Weight: 17 kg.
<b>9501.330.015</b> F	Stairway trapdoor platform 1.8. Glued water-resistant wood with anti-slip top layer. Length: 1.8 m. Width: 0.61 m. Weight: 15.0 kg.
<b>9501.330.025</b> F	Stairway trapdoor platform 2.5. Glued water-resistant wood with anti-slip top layer. Length: 2.5 m. Width: 0.61 m. Weight: 19.5 kg.
<b>9501.905.010</b> J	Roof window frame Length: up to 2.6 m. Height: 1.0 m. Weight: 10.0 kg.
<b>9501.905.020</b> J	Roof window end-guardrail
<b>9501.905.030</b> J	Roof window frame supporting roll

**applicable in:**  
A = tower scaffolds  
B = folding scaffolds  
C = roof edge protection  
D = stages  
E = roofings  
F = stairway towers  
G = wall scaffolds  
H = chimney scaffolds  
I = painter's scaffolds  
J = roof window scaffolds



# CLUSTERS® Overview

## The CUSTERS®-system

- **tower scaffolds** CUSTERS®
- **wall scaffolds** CUSTERS® - HANDY®-SUPER
- **foldable scaffolds** CUSTERS® - CHICO® AND BUDGET
- roof window scaffolds CUSTERS®
- stairway towers CUSTERS®
- chimney scaffolds CUSTERS®
- painter's scaffolds CUSTERS®
- scaffold roofings CUSTERS®
- stages CUSTERS®
- roof edge protection CUSTERS®
- custom-made aluminium constructions for climbing, bridging, passage, span, roofing; small / large, suspended / standing, fixed / movable
- tailor-made maintenance platforms for any type of helicopter and aircraft, both civil and military.

*Note: The products printed in bold are described in this brochure;  
all other products are described in separate brochures, available on request.*

## Services

- technical design
- special constructions
- coating and anodising
- inspection
- repairing, also on other makes

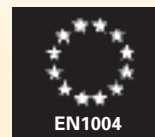
## Approvals

The following overview summerizes all current approvals (valid 2005) for the various Custers scaffolding products:

tower scaffolds 1.8 m	: TÜV, Ö-TÜV, SÜVA, SP, CZ, AD
tower scaffolds 2.5 m	: TÜV, Ö-TÜV, SÜVA, SP, CZ, AD
tower scaffolds 3.1 m	: TÜV, Ö-TÜV, SÜVA, SP, AD
stairway towers 2.5 m	: CZ, SÜVA
foldable scaffolds	: TÜV, Ö-TÜV, CZ
wall scaffolds	: AD, SÜVA
5 m. platforms	: BBG, CZ
ladder stagings	: BBG
roof edge protection	: CZ, SÜVA

## Product range

Custers is not only the manufacturer of all described scaffold products- also aerial access platforms on road trailer, van, truck chassis and tractor, as well as hydraulic scissorlift platforms and mobile driving lane signalling units are part of the product range.



Germany:



Switzerland:



Austria:



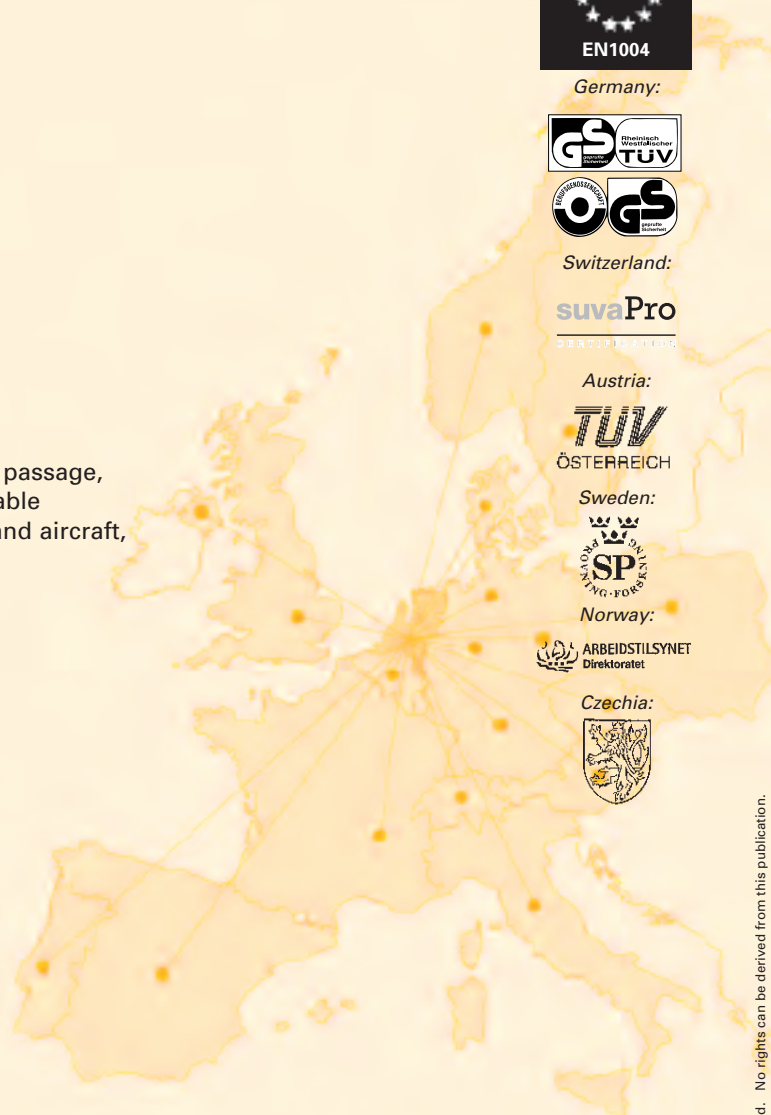
Sweden:



Norway:



Czechia:



### Front page picture:

*Short-term wall painting and arch cleaning.*

*The scaffold, built on top of the pews, is therefore constructed, enabling moving over U-form shaped railings.*

*picture: Foto van Kampen, Noordwijk - NL.*



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