Series '95 Prefabricated stages

Firenze, Boboli Gardens, Multipromo Opera Festival.

Multiceta® stages

Ravello, International Festival.

Modular solutions to meet the customers' specific needs

Ceta Series '95 prefabricated Stages are made exclusively from high quality materials and fully comply with the current Standards, including the ones for what concerns overloading and seismic resistance.
The stages are built using hot-galvanised S235 JR steel tubes and profiles with continuous welding by automated systems to guarantee the perfect finish of each element (welding process certified by a laboratory authorised by the Italian Institute of Welding).
Of course, Ceta Series '95 prefabricated Stages also offer the same prerogatives as the other CETA products, which are the basis of their superiority.

Maximum safety.
In line with its policy of total reliability, CETA carries out accurate tests and quality controls at all stages of the production process, from design and selection of the materials up to the production of the elements: tests and controls are carried out even on the finished products.

Superior quality and durability.
All metal parts of CETA products are **hot-galvanised by immersion** in accordance with UNI EN ISO 1461 requirements. This specific treatment is considered the complete protection against corrosion: in fact it guarantees max reliability of the frame throughout the ages and eliminates any future charges for maintenance.

Quick and easy assembly.
CETA structures are quick to assemble thanks to the small number of elements and can be fitted also by non-specialised personnel.

Customer service.
CETA guarantees its customers qualified service and technical advice to find the best solution for all intended uses of these structures, even the ones not included in this catalogue.

THE WALKWAYS

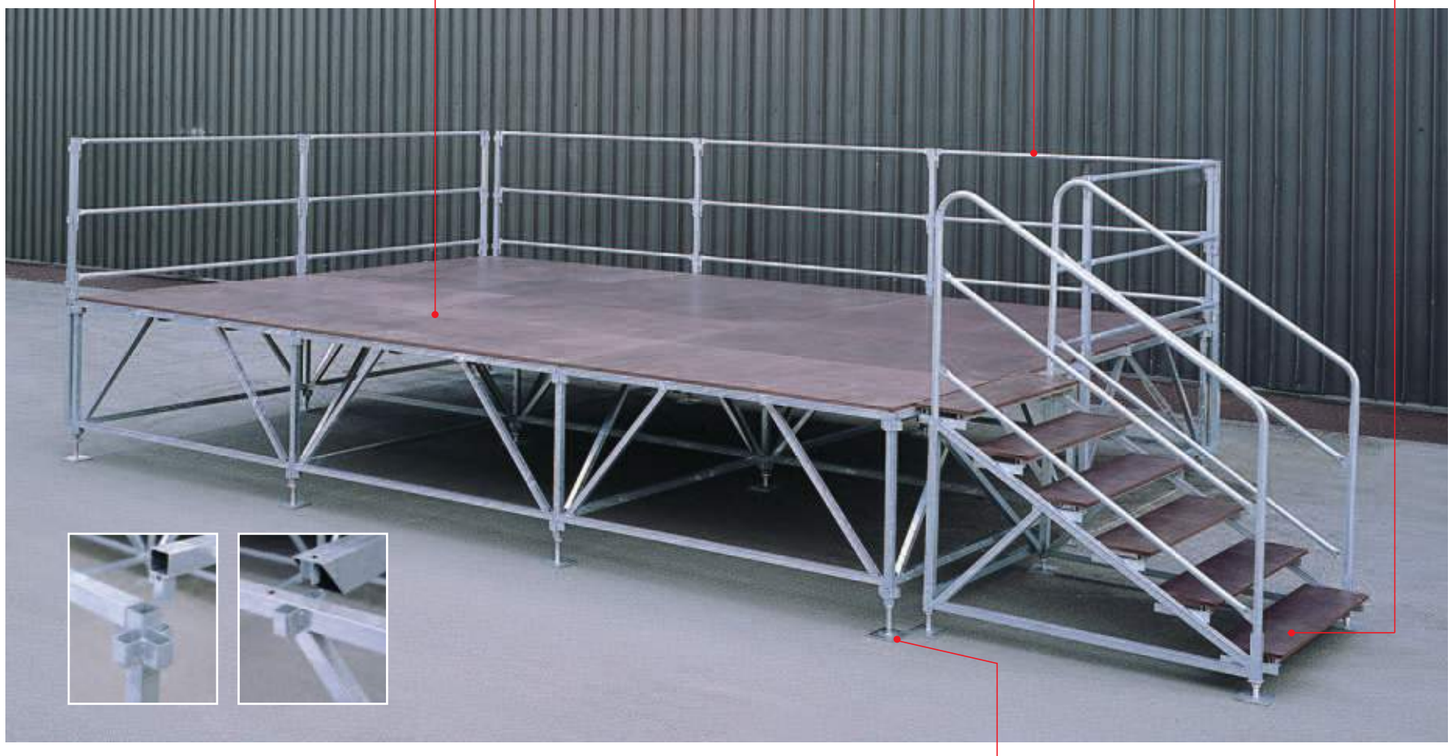
The walkways are made from waterproof plywood (2x1 m and 18 mm thick) with phenol film coating on both sides making them waterproof and more wear resistant.
The visible surface is embossed for non-slip passage-ways.
The layers (1.5 mm each) are glued together with phenol adhesive, for resistance to both boiling water and harsh weather conditions (as per British Standards BS 1203 type W BP).
The timber used has **Class 1 fire certification** (tests C.S.E. - RF 2/75 - A and C.S.E. - RF 3/77 - ministerial Decree 26060.1984).

SAFETY RAILS

Safety rails are easy and quick to be assembled and are at least 1 m high.

ACCESS STAIRS

The access stairs have one or more flights of 6 steps (tread: 30 cm - riser: 16,7 cm) and are installed with safety rails and adjustment feet. The frame is made from steel and the steps are made in multilayer panels.



LOAD-BEARING STRUCTURE

The load-bearing structure, totally made of steel, consist of uprights connected both longitudinal and transverse by the support beams.
These beams (each 2 m long) are connected to each other by strong squared pipes which also act as divider for the flooring.
It is therefore possible to assemble structures of the required sizes in multiples of 2 x 2 m x 1m in height from ground.

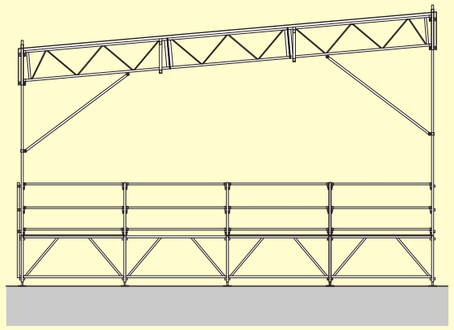
THE ADJUSTMENT FEET

Perfect stability on ground is guaranteed by the adjustable feet inserted in the uprights and provided with full-turned threaded elements, capable of compensating for any unevenness (up to 0.10 m).

OPTIONALS

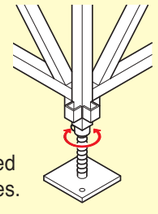
SELF-LIFTING ROOF

On request, CETA Series '95 Prefabricated stages can be equipped with roofs consisting of a steel load-bearing structure (piers and connection beams) and a PVC covering homologated for **Class 2 Fire reaction**.
A pelmet of approx. 50 cm is also available around the perimeter covering.



Each upright is fitted with a winch for raising the cover, which is assembled directly on the platform's flooring, thus allowing the operators to work in complete safety.

50 CM ADJUSTABLE BASE PLATES



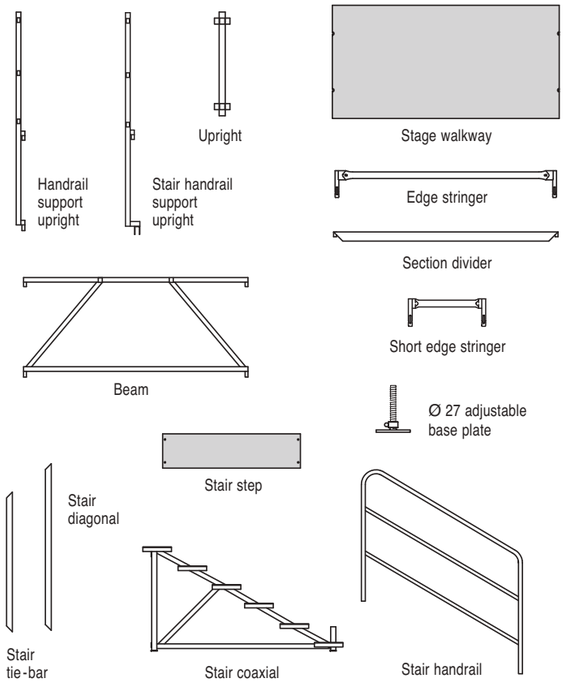
To avoid problems given by ground unevenness (up to 0.40 m) and for assembling a floor that is 1.0-1.40 m from ground level, CETA Series '95 Prefabricated Stages can be fitted with 50 cm adjustable base plates.

FOR THE DISABLED

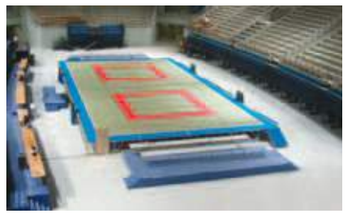
On request, special ramps to allow access for the disabled can be supplied.

Elements, assembling and layout possibilities

The elements

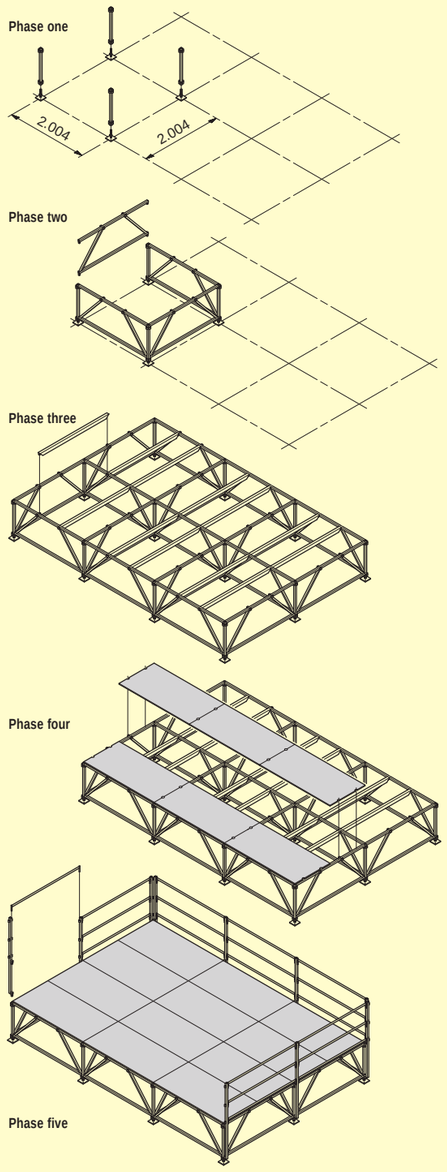


Atene, Palazzetto Judo Giochi Olimpici 2004.

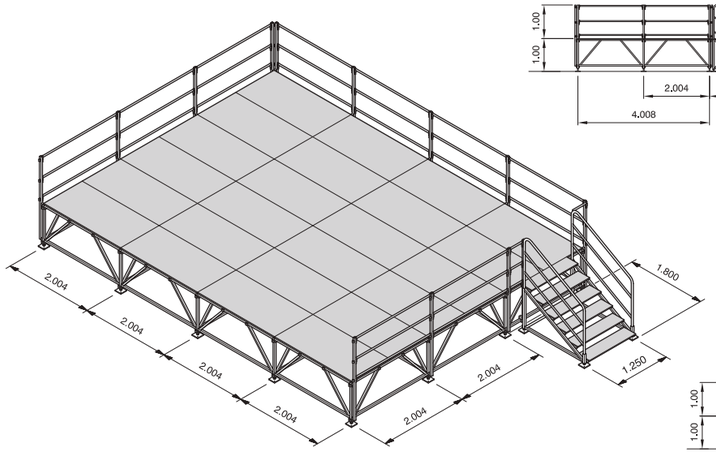


Assembly

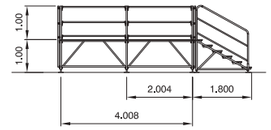
As the assembly diagram shows, CETA Series '95 Prefabricated Stages can be installed very easily and quickly, even by non-specialised personnel.



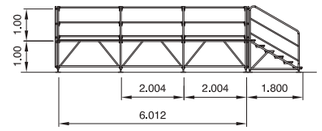
Layout possibilities



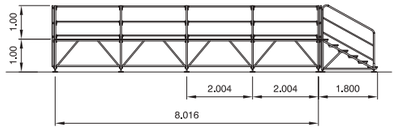
4 m stage cross-section



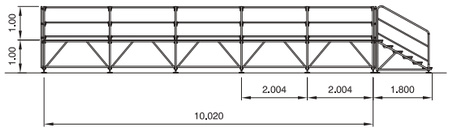
6 m stage cross-section



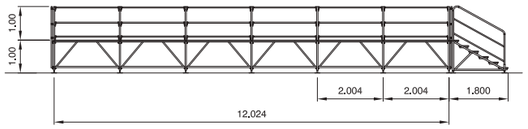
8 m stage cross-section



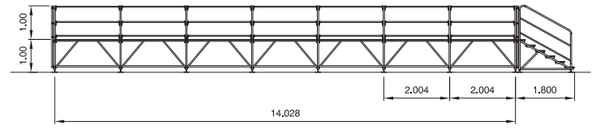
10 m stage cross-section



12 m stage cross-section



14 m stage cross-section



CETA SPA reserves the right to make changes, at any time and without notice, for the technical characteristics of the elements illustrated in this catalogue.

Multiceta® Stands for Sport and Entertainment

LOAD-BEARING STRUCTURE

The stage has precast uprights, beams and cross-bars Multiceta®. These are coupled together to form the load-bearing structure. The surface of the stage is supported by special **lattice girders** that slot into the uprights thanks to a multi-direction joint.

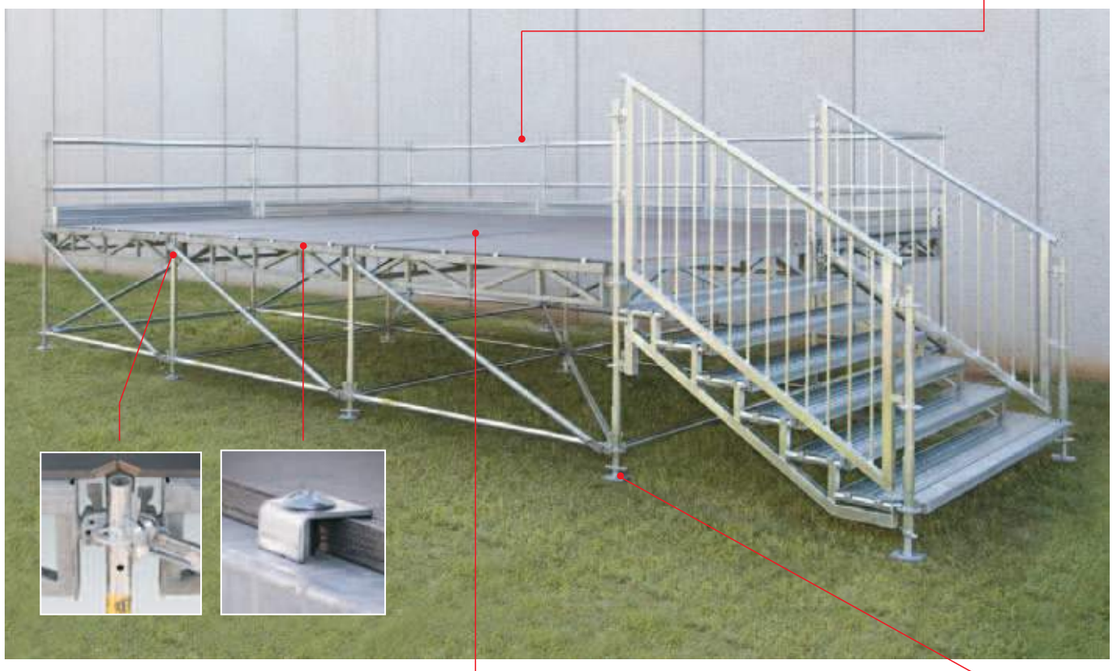
These lattice girders also have special slots to allow for precast section dividers supporting the stage surface and threaded inserts to house the screws used to fix the panels making up the stage surface.

The height-adjustable base plates at the bottom of the structure ensure that this is perfectly levelled. Max extension 50 cm (depending on height-adjustable base plate type).

The stage elements can be used to produce a variety of structures of different sizes (multiples of 1.80 x 1.80 - 2.50 x 2.50 m).

PROTECTION SIDES

Quick and easy to assembly, these protection sides are at least 1 m high from the stage surface.



STAGE SURFACE

Min height of stage from ground: 0.28 m.

The surface is made from plywood panels with a non-slip treatment 18 mm thick (**Class 1**) and are coated on both sides with phenolic film to increase their wear resistance.

Wood layers 1.5 mm thick, joined together by phenolic glue (high and low temperatures resistant).

Glueing in compliance with British Standard BS 1203 type WBP.

OVERLOAD

The Multiceta® stage is designed and calculated to support overloads of 6 kN/m².

ADJUSTABLE BASE PLATES

Height-adjustable base plates in the uprights guarantee the perfect stability and levelling of the stage. These are fitted with solid threaded bars to compensate differences in height of the ground up to 50 cm.

MULTICETA® MULTIDIRECTIONAL SYSTEM

The Multiceta® system lets you solve all the problems met when preparing structures for the show-biz world: stages, lighting and equipment towers, scenery supports and even trade fair stands.

Multiceta used as a stand at the Cologne exhibition centre.

PUBLIC STAIRS

CETA public stairs offer modularity, versatility and easy construction.

Designed to offer max comfort and the safety of emergency stairs, CETA stairs can be used in the construction site, for pedestrians and even, with small modifications, as emergency stairs.

Stairs: technical data

Max width (cm)	Max load kN/m²
77	6
110	6
150	6
180	6
200	6
250	6
300	3