SEQUOIA®
CANTILEVER

ROSSS®
made to last,
made to resist,
made in italy.

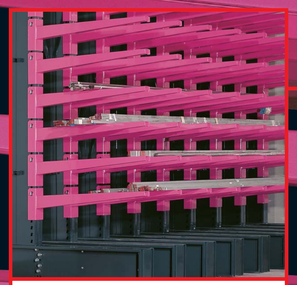
SINCERT
CERMET
REG. N. 007
UNI EN ISO 9001:2008

CERMET
REG. N. 007
UNI EN ISO 14001:1996

1

AVOID LOOSENING OF ARM LOCKS

The arm locks (or safety locks) on traditional cantilevers have nothing to stop them becoming loose when subjected to stress.



2

REDUCE THE INCLINATION OF THE UPRIGHT IN THE EVENT OF SINGLE SIDED USE

With cantilever installations, in the event of single sided use, the greatest part of the deflection occurs on the upright, resulting in an inclination which is actually visible, a phenomenon which could be potentially hazardous.

15

INCREASED VERSATILITY

A special housing, formed by three holes, is provided as a standard feature on the arm so that a fall-proof pin can be inserted. This feature may be necessary in order to offer greater safety in the storage of certain materials and products.

STRONGER BASE

The base of the cantilever is the element on which the vertical forces of the entire system are discharged. This is, therefore, an essential element for safety purposes.

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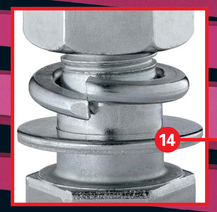
STRENGTHEN THE CONNECTION OF THE FIXING BOLTS

The base and upright are joined by fixing bolts in correspondence with the plates welded to the uprights. These should be solidly connected in order to guarantee the safety of the whole system.



14

THE ROSSS® INNOVATION

The use of split washers which prevent unscrewing thanks to the pressure automatically exerted toward the bolt by the element.

THE ROSSS® PATENT

An exclusive **ROSSS®** patented production system, involving a forging process instead of extrusion, is used to produce the **SEQUOIA® ROSSS®** arm lock. This makes it possible to model the shape, so that the arm lock functions in a new, more superior way: the depression created in the area which comes into contact with the structure ensures greater stability.

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16

THE ROSSS® CHOICE

SEQUOIA® ROSSS® upright are made using six sections.

17

THE ROSSS® STURDY STRUCTURE

SEQUOIA® ROSSS® bases are produced with a thickness of 6 mm (except for the plates welded onto the AR series upright).

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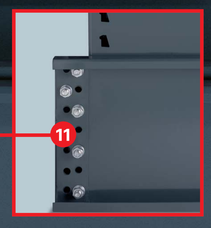
THE ROSSS® INNOVATION

Conical fixing bolts which tend to self-lock, and are larger than normal (threaded part 20 mm, body 21 mm - traditional sizes are smaller).



11

THE ROSSS® PATENT

A double series of holes on the plate welded to the upright and on the base reinforcement plates. This feature makes it possible to adopt a variable angle of assembly which permits the antideflection of the upright in the event of single sided use or, if preferred, the upright can be fixed at the traditional 90° angle in the event of double sided use.

4 5

THE ROSSS® PATENT

The **SEQUOIA®** arm lock has an innovative profile, designed to obtain a wider surface on which to discharge the forces on the section of the upright hole and, above all, to direct these same forces on the surface in a lateral direction.

6

REDUCE THE PRESSURE ON THE ARM LOCK

The arm lock is the element on which sizable forces, determined by the loads placed on the brackets of the installation, are discharged. Consequently, this element plays a critical role as far as safety is concerned.

7

THE ROSSS® INNOVATION

The diagonal and horizontal bracing members of **SEQUOIA® ROSSS®** are made using a tube with a diameter of 42 mm, compared to smaller tubes or other types of open sections.

10 9

ELIMINATION OF THE RISK OF CONTACT BETWEEN THE BASE AND THE PARTS BEING MANEUVERED

Since the area is used for storing goods, the base may come into contact with moving parts such as, for example, the prongs of a fork lift truck. Any projections on the base could become points of contact which may constitute a danger to the integrity of the base itself as well as the safety of the operators.

THE ROSSS® INNOVATION

The front base plate is produced using a system of welding which prevents the formation of projections that could create contact problems during material handling on the base.

8

GREATER STABILITY OF THE ENTIRE STRUCTURE

The uprights and all the other elements of the system are held together by special bay cross bracings and traverses, which play a very important role in the stability of the entire structure.

SEQUOIA® CANTILEVER

PRODUCT GUIDE

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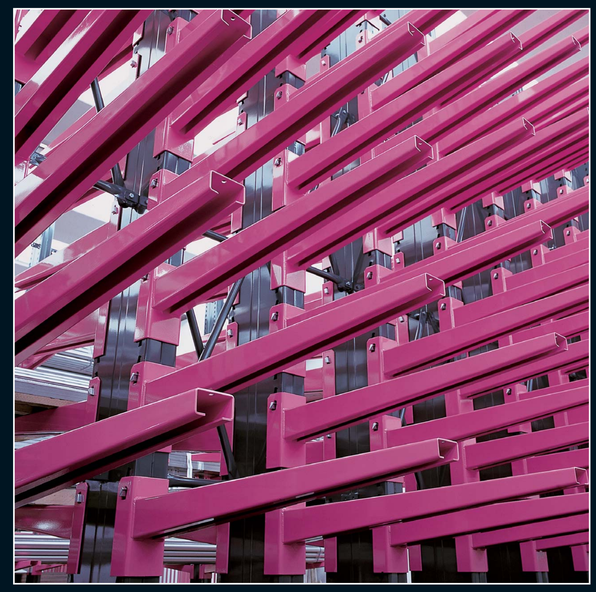

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SEQUOIA® CANTILEVER

SEQUOIA®
CANTILEVER

Member of FEM ITALY

CISI Quality Standard

TÜV PRODUCT SERVICE

ROSSS® REINVENTS THE CANTILEVER WITH TWO EUROPEAN PATENTS AND SIX NEW FEATURES.

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