

ENTREPOSE

E C H A F A U D A G E S

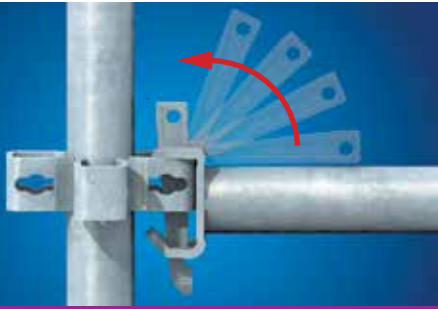
MULTICRAB

MULTILEVEL
MULTIDIRECTIONAL
SCAFFOLDING



Our equipment
is designed and
manufactured
in France

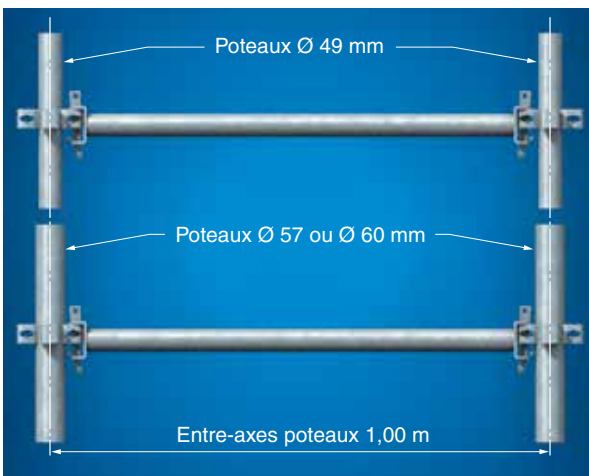




The Crab system

The Crab system consists of a self-locking wedge key attached to a stirrup. Once a ledger comes into contact with a stirrup, the wedge key pivots automatically to form an instant connection. A single blow to the wedge key ensures the strength of the connection.

When wedging is carried out along the main axes, it is guaranteed that the ledgers will be connected at right angles. A ledger may also be installed in any direction, without any dead angle. The Crab node can be used to fit 8 components simultaneously: 4 ledgers and 4 diagonal braces.



Example with a 1.00 m ledger.

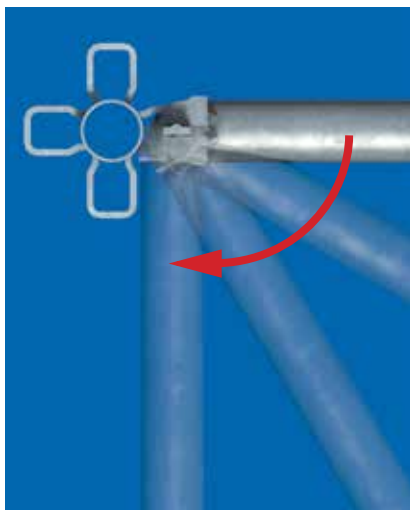
The Crab system allows a ledger to have a single centre distance, irrespective of post diameter (49, 57 or 60 mm).

This feature means that identical ledgers, diagonal braces and planks are used on all of our systems fitted with the Crab node.

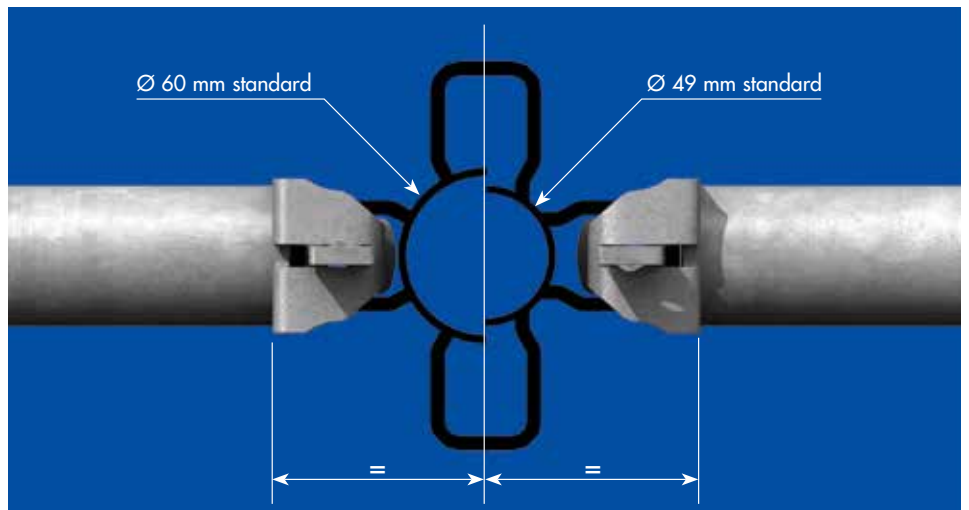
The Crab system is used on Multicrab scaffolding using Ø 49 mm diameter tubes, on Crabétai shoring using Ø 57 mm diameter tubes and on Crabtour and Touréchaf shoring using Ø 60 mm tubes.

The use of common scaffolding and shoring components makes equipment management easy.

The Crab system is able to mix and match standards with different diameters according to the load-bearing requirements. For example, Ø 57 mm Crabétai standards can be used for the bottom of very tall Ø 49 mm Multicrab scaffolding.



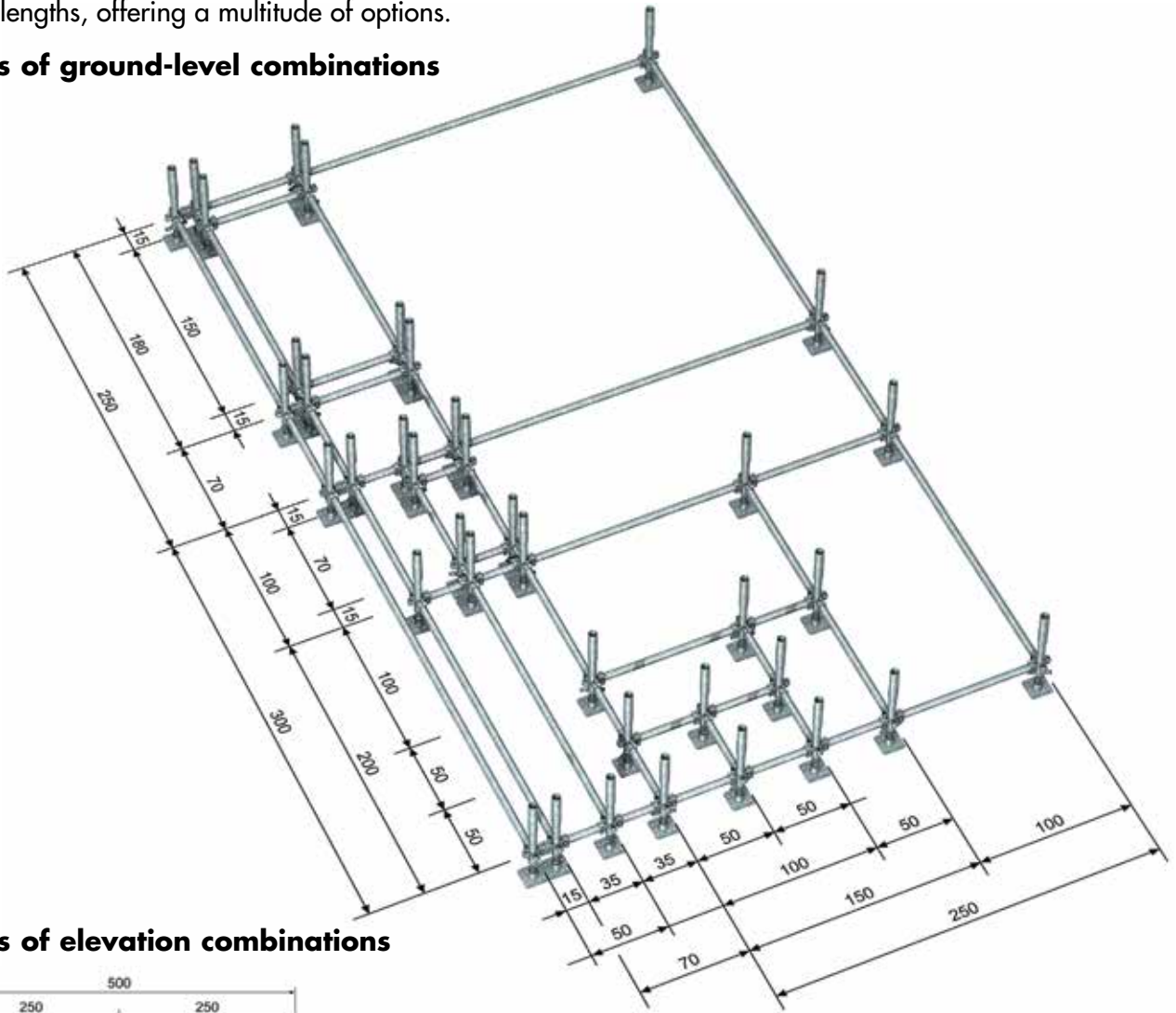
A ledger attached to a stirrup can be oriented in any direction, without any dead angle.



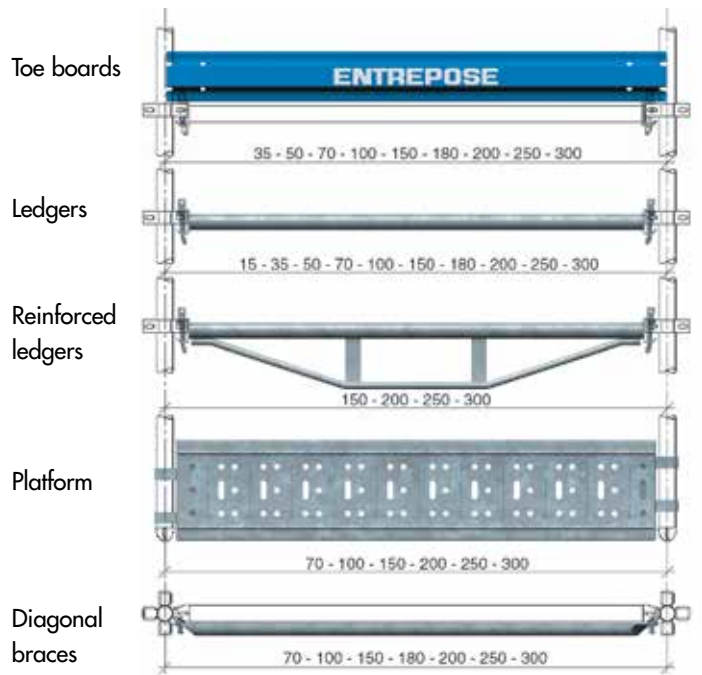
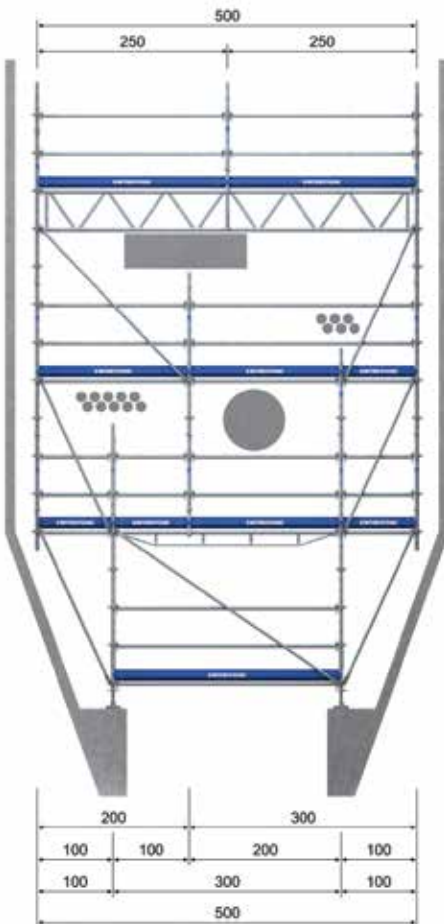
Use this QR code to view the on-line Crab system presentation video.

The Crab range includes fully compatible meshes of varying lengths, offering a multitude of options.

Examples of ground-level combinations

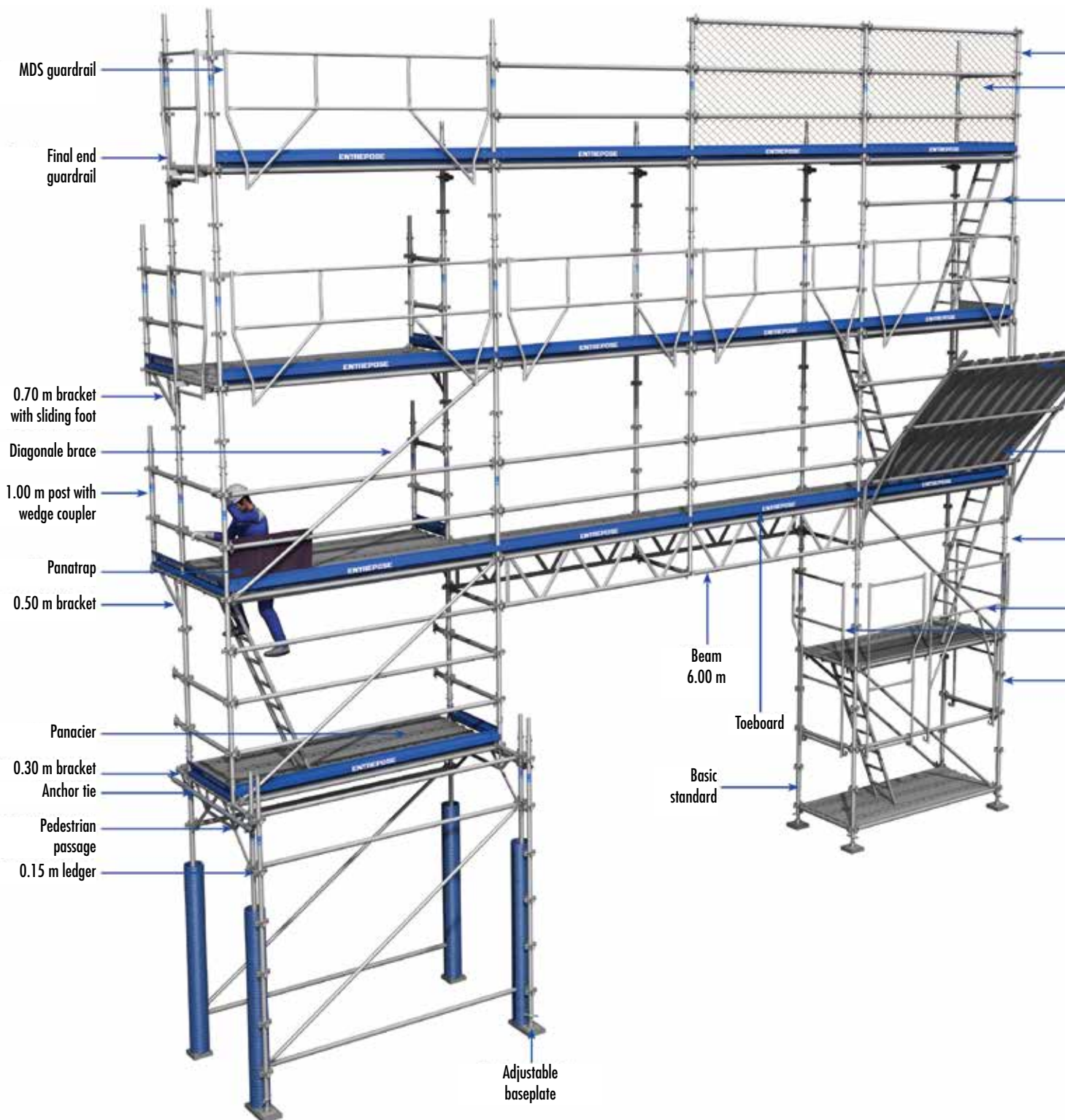


Examples of elevation combinations



Multicrab components

Façade application



Use this QR code to view the one-line erecting video on your mobile.

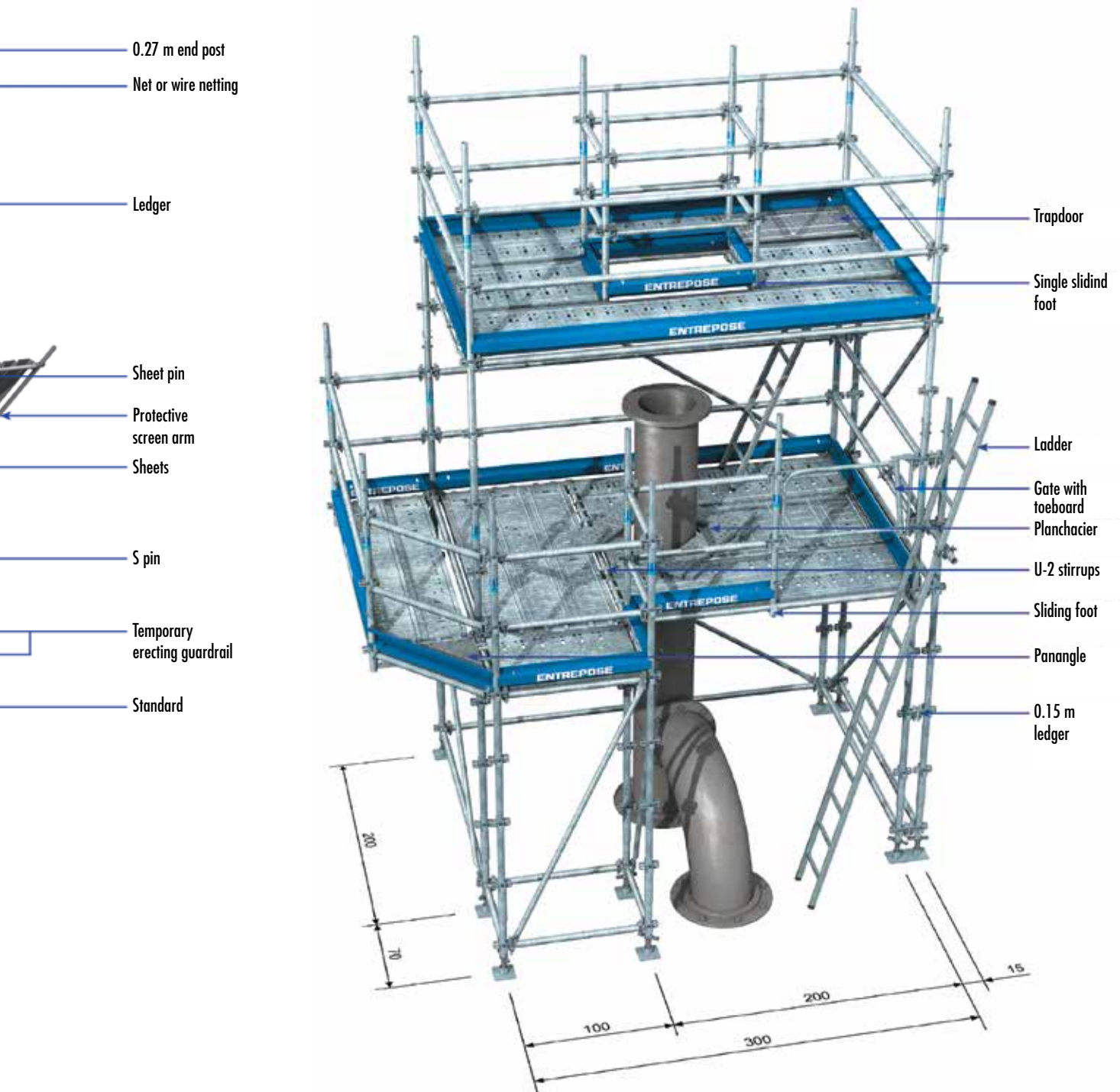


Assembly with MDS guardrail



Assembly with safety barrier gate

Multicrab components Industrial application



We have broadened the range of **additional components and accessories**, so **Multicrab can handle the most complex projects, meeting all the requirements** for collective safety and providing fast erection.

Download the **CRAB RANGE technical manual** at:
www.entrepose-echafaudages.com

 Images for illustration purposes only

Construction - Historic monuments

Multicrab adapts to every type of structure:

- Refurbishment scaffolding,
- Cantilevered scaffolding,
- Reinforced scaffolding for the re-dressing of solid stone facades,
- Roofer protection,
- Temporary roof scaffolding,
- Working platform,
- Worksite access stair towers,
- Self-stabilising mobile frames,
- Loading bays etc.



Albi cathedral: scaffolding for the restoration of the coping and stained glass.



Paris, Opéra Garnier: scaffolding for the restoration of the west facade and cupola.

Paris, The Panthéon: 450 tonnes of scaffolding, standing free of the monument, for the restoration of the skylight, dome and drum.



Lille: shoring to the façades of the former Saint-Antoine hospital.





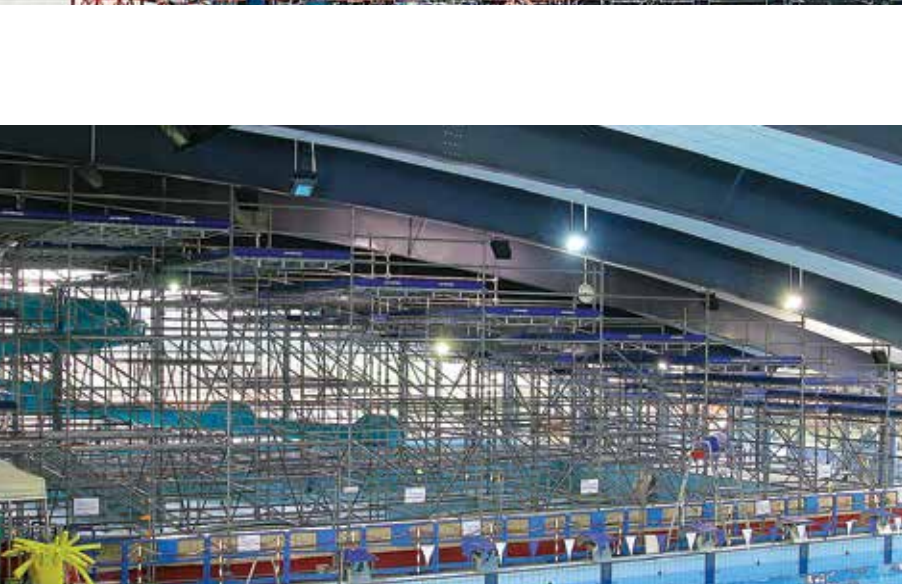
Paris, Louvre post office: 230 tonnes of Multicrab scaffolding for the 9200 m² of the building's four sides.



Paris, Palais Royal: temporary roof for renovation work to the headquarters of the Banque de France.



Boulogne-Billancourt: Cité de la Musique – Ile Seguin, 350 tonnes of equipment around the entire ovoid complex.



Montluçon: decks for the replacement of hangers in the swimming pool's false ceiling.



Notre-Dame-de-Lorettes (59): scaffolding for the restoration of the basilica.



Rennes subway: service scaffolding and shoring at the "Gares" station.

Public Works and Civil Engineering

Multicrab can be used to create all of the temporary structures required for construction in the Public Works and Civil Engineering domain:

- fixed service scaffolding,
- mobile scaffolding,
- suspended scaffolding,
- fixed and crane-movable worksite staircases,
- gangways and public staircases for worksite users,
- accesses for the general public etc.

Fully compatible with Crab shoring equipment, it is used to build mixed structures.

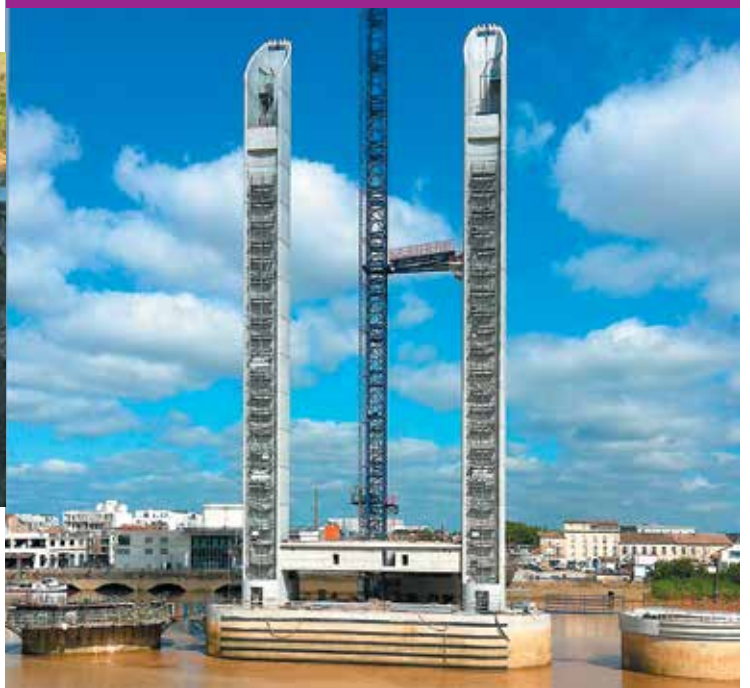


Angers, Haute Chaîne bridge: suspended scaffolding for the renovation.

Bordeaux, Jacques Chaban-Delmas bridge: service scaffolding for the construction.



Arcambal bridge (46): mobile scaffolding for renovation works.





Jouy-aux-Arches, dam: suspended scaffolding and public walkways.



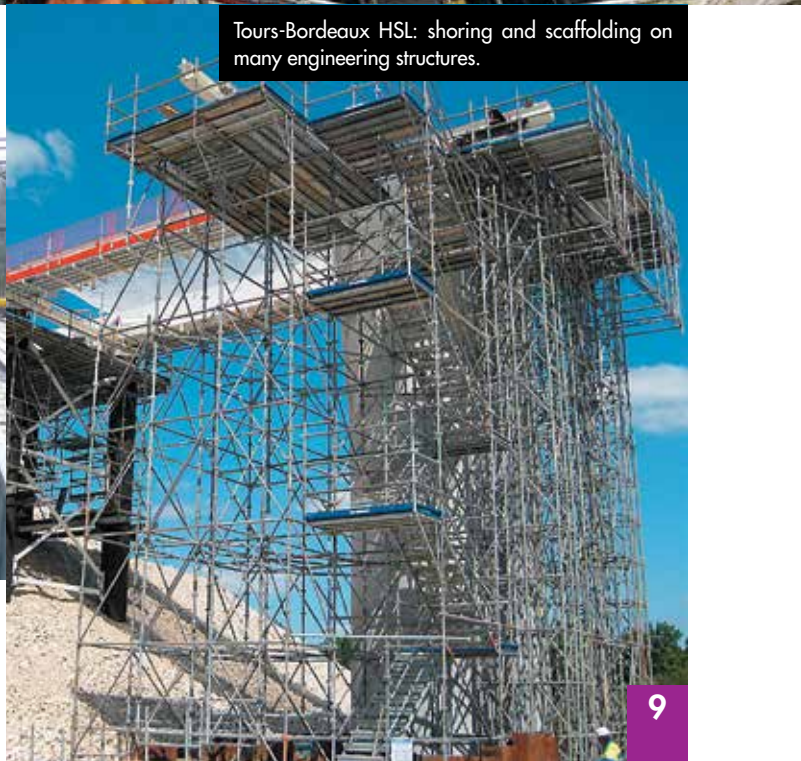
Brest: scaffolding and shoring for refurbishment work on the Recouvrance bridge.



Rennes subway: service scaffolding and shoring at the Voltaire access well.



RN 21, between Limoges and Périgueux: temporary footbridge during reconstruction of the bridge over the railway.



Tours-Bordeaux HSL: shoring and scaffolding on many engineering structures.

Industry

It is in shipbuilding that the Crab system was created. This means that multilevel, multidirectional Multicrab scaffolding is perfectly suited to the requirements and constraints of industrial sites. Its flexibility means that it can be used to design scaffolding that is erected as close as possible to the project, whether for new build or maintenance. The fully compatible Crab scaffolding and shoring equipment can be used to build mixed structures for maintenance operations requiring the removal and re-installation of very heavy components



Fos-sur-Mer, GDF site: scaffolding for a Ø 40 m tank.



Linde Gas, Toulouse: 54 m high access scaffolding for the renovation of insulation to a nitrogen tower.



Fos-sur-Mer: scaffolding for the construction of modules for the "Anguille" offshore platform.



EPR, Flamanville: a huge amount of scaffolding and shoring has been supplied to this project since its inception.



Toulouse: scaffolding for Airbus A350-900 resistance tests.



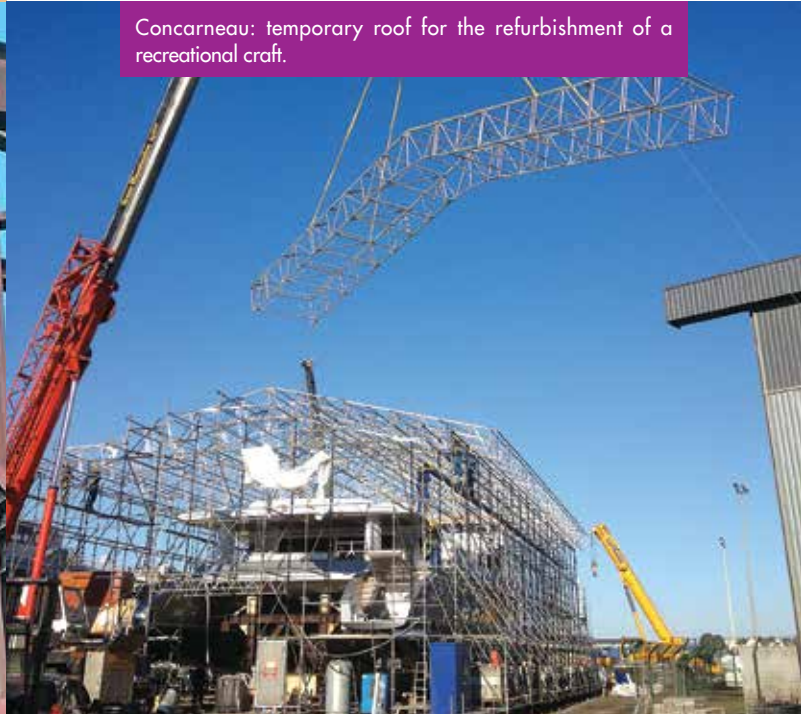
Skikda, Algeria: scaffolding for the construction of a refinery.



Ciments Lafarge: scaffolding and shoring for the replacement of a furnace shell.



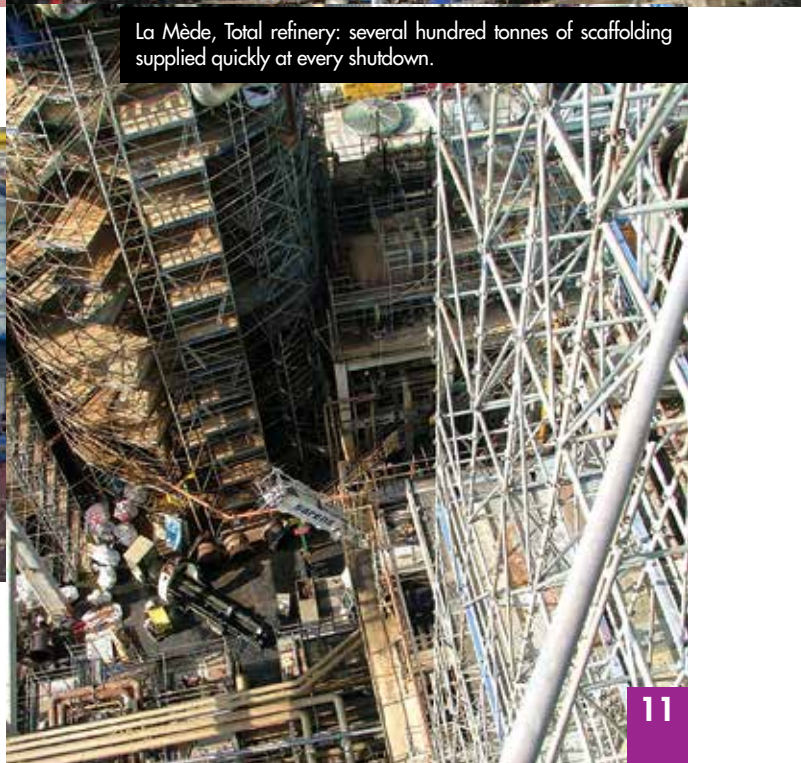
Arcelor Mittal Atlantique et Lorraine site: scaffolding for maintenance work on blast furnace No. 2.



Concarneau: temporary roof for the refurbishment of a recreational craft.



DCNS Brest: scaffolding for the construction of FREMM frigates.



La Mède, Total refinery: several hundred tonnes of scaffolding supplied quickly at every shutdown.



Parvis de La Défense: stage structure for the Fête de la Musique.

Public events

Multicrab can be used to create all of the temporary structures required for public events:

- awning supports,
- giant screen supports,
- stage structures and podiums,
- spectator stands, combined with Crabétai shoring,
- sound, lighting and camera gantries and towers,
- scenery supports,
- stands,
- public walkways and staircases etc.



Monaco: for the F1 Grand Prix, spectator stands and related scaffolding such as walkways, access staircases and giant screen supports.



Grand Parc du Puy du Fou: Entrepouse provides permanent and temporary structures for a variety of rides and shows.



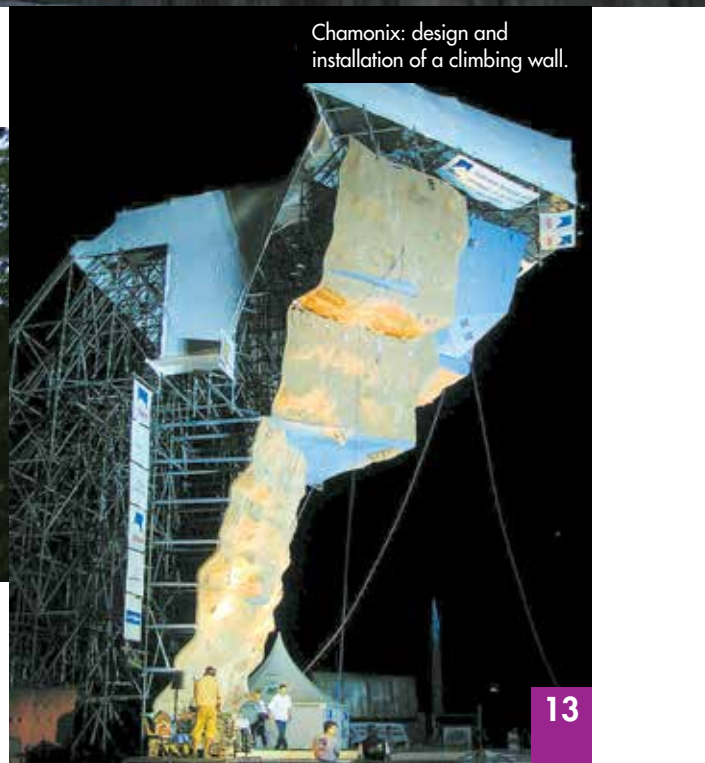
Paris: structures for an exhibition by former students at the École Nationale Supérieure des Arts Décoratifs.



Marseille: 3D awning supports for 3D trompe l'oeil, the "Détournement de la Canebière", by the artist Pierre Delavie.



Les Sables-d'Olonne, Vendée Globe race: 180 m long scaffolding wall consisting of "totem towers" supporting the sailor's portraits.



Chamonix: design and installation of a climbing wall.



Toulouse: public staircases for extra temporary access during the "Rio Loco" festival.



Other Crab equipment

The Crab equipment range includes:

- three worksite and public access staircases,
- aluminium or steel roof trusses for temporary covers,
- podiums use in the construction of public event structures,
- spectator stands compatible with Multicrab and Crabétai frames,
- three shoring components.

All of the above equipment is fully compatible.

Hélicrab

Spiral staircase

This MDS access tower is based on a 4-standard Multicrab structure. It can be freestanding or erected as part of a scaffold and is ideal for use in tight sites where the small footprint (1.5 m x 1.5 m) makes it easy to install.

There are three main components < 15kg for the hélicrab staircase which can be easily stacked by hand, without using lifting equipment, and three components for safe erection. No bolts are required.



Crabescal

Worksite staircases

The Crabescal service staircase is suitable for any temporary rights of way on your sites.

Designed to use standard Multicrab components, it is compatible with all equipment in the Crab range and may also be used as a stand-alone static or suspended structure.



Public staircases

Crabescal public staircases ensure optimum safety and are fully compliant with all of the latest standards, recommendations and legislative/regulatory requirements.

They consist of stringers, steps, risers and barrier gates and are assembled using Crab connectors. Widths: 1.00 m - 1.50 m - 2.00 m.



Temporary roofs

They are constructed using aluminium or steel roof trusses that allow wide spans which can be assembled manually in situ or pre-assembled on the ground and craned into place.



Podiums

Our podiums provide the finishing touch to Crab equipment used in the construction of stage structures.



Stands

The spectator stands are compatible with the Multicrab and Crabétai. They can be configured to suit any event and are a guarantee of absolute safety.

Shoring equipment

Touréchaf

The Touréchaf is a new shoring tower with integrated safety.

The frame incorporates a top and middle guardrail, an access ladder and an automatic locking system. It is fitted with stirrups to make connections, add wind bracing and platforms between towers using Multicrab ledgers and diagonal braces.

If there is a requirement to wedge beams, it is really easy to install a safe platform at the top of a tower using Multicrab brackets.

Load bearing: 6 tonnes per post.



Crabtour

Crabtour is a multidirectional shoring system using triangular frames.

The triangles are assembled to form towers, piling or volumes. They are fitted with stirrups to connect the towers with Multicrab ledgers and diagonal braces.

Load bearing: 6 tonnes per post.

Crabétai

Crabétai is a multilevel, multidirectional shoring system.

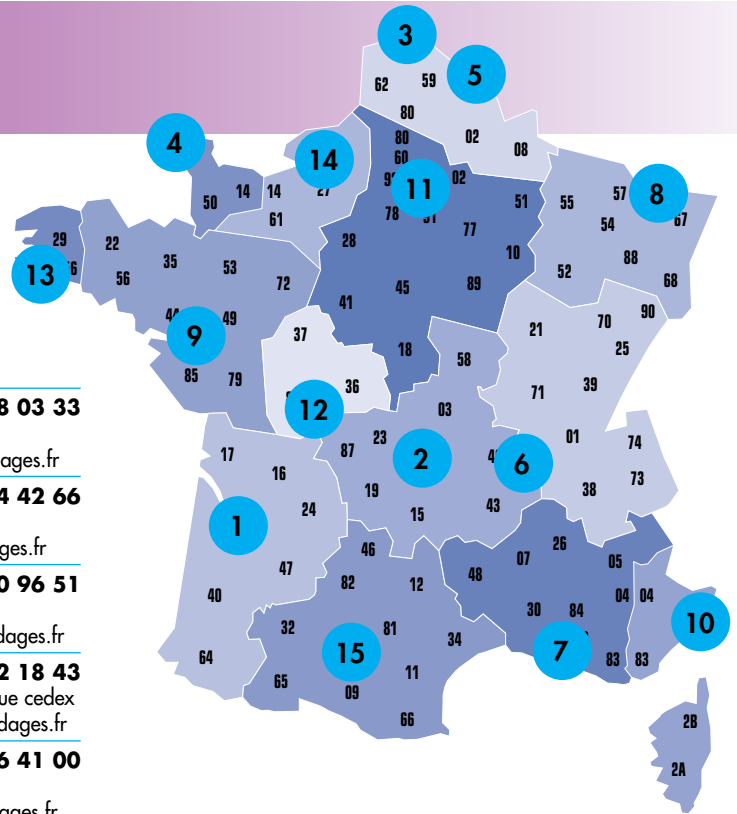
The standard is formed by an adjustable leg and standard fitted with stirrups which allow standards to be connected to Multicrab ledgers and diagonal braces.

Load bearing: 3.5 tonnes per post.



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