



**doka**

Understanding safety  
all the way.

Executing your project in complete safety.



The Formwork Experts.



Understanding that healthy workers accomplish more in a safe working environment!

As partner for your project \_understanding safety is an all-inclusive issue for us. Covering not just Doka Safety Systems, this understanding embraces everything from product development through safety consulting to the extensive range of services we offer.

At Doka, solutions featuring all-round safety are an integral part of our product philosophy and they make construction sites more productive.

# Safety & Health

Safety and health are two essential factors in our daily (working) life. They can be considered independently of each other – but a professional safety concept takes both equally into account.

We help your workers stay healthy by bringing them ergonomic solutions – formwork that is easy to use, ergonomic work routines carried out at floor level, and much more. Our solutions save time and effort, and they also ease the strain on each worker's entire musculoskeletal system.

Healthiness is essential for safety at work. Healthy workers accomplish more.



Safety & health are important preconditions for productive, quality work.



## Ergonomic solutions

- pre-assembly work at ground level / assembling tools
- move tables the easy way / DoKart plus
- work on in any weather / protection screens
- multi-trip packaging / bolt-on castors



## Services

- Thorough execution planning to Doka safety standards by specialists from Doka, or self-service planning with the free Doka formwork design software or the apps
- Field service formwork instructor: the experienced Doka practical expert explains all about fast, safe forming
- Field service on-site project support: instant reaction when changes have to be made to the formwork
- Specialists in formwork pre-assembly erect formwork safely and efficiently
- Custom formwork delivered pre-assembled from the Doka Pre-assembly Service centres
- Reconditioning service and fixed-rate packages so that rented equipment is always ready for use and fully compliant with Doka quality standards
- Training on Doka premises or on the jobsite for fast, safe handling of Doka formwork material



## 28 April – World Day for Safety and Health at Work

Since 2012 we have marked World Day for Safety and Health at Work by a wide range of activities, from internal training sessions through to customer events. All this is geared toward creating even more awareness for safety.

# DSN

Doka Safety Network

## Safety Network

Set up in 2011, the Doka Safety Network is an international platform where customers, safety specialists, labour inspectors and official bodies can find information and exchange news and views on the latest issues relating to construction-site safety. As well as the latest standards, codes and legislative amendments, it also spotlights various aspects of labour law, for example. As a special highlight DSN gives users the opportunity to exchange experience directly with the leading experts in the field: on-line, in person, across borders and across disciplines.



Scan for more information.



## Healthy site crew

- motivation higher
- absenteeism lower
- performance better



## Documentation

- user information booklets
- operating instruction manuals
- safety data sheets
- video clips of system in use
- download documents and video clips from [www.doka.com](http://www.doka.com)



## Systems

- development of safe solutions
- tested quality
- execution
- production
- new systems tested under practical conditions on test sites
- certifications



# Understanding, that **safety pays off.**

Greater cost-efficiency, a reduced risk of accidents and enhanced employee motivation are just some of the advantages of implementing a professional safety concept on site.

Investments in tested safety solutions allow workers to concentrate better on their tasks. So work progresses faster, productivity goes up and the quality of the structure being built is higher.

All this in turn means cost savings in excess of the investments made in advance.



## Facts about safety

Accidents at work involving construction workers are twice as frequent than the average in other sectors of industry.



Every year in the construction industry alone **1.300 workers** in the **European Union die** in accidents at work! \*

\*Excerpt from the statistics of the European Agency for Safety and Health at Work (<https://osha.europa.eu>)

As well as reducing the risk of accidents, safety measures on site help boost cost-effectiveness with faster work routines, legal certainty, elimination of consequential costs due to accidents, more motivation on the part of the workers and a better image for the company, plus a better-quality build.



## Return on Prevention

Investments in quality and safety always pay off. An international study\* with 300 respondees in 16 countries shows how investments in safety at work pay back with a cost/benefit ratio of 1 : 2.2. On the business economics level, that translates into EUR 2.2 for every euro you invest per employee and year in safety at work. Return on Prevention expresses this economic benefit as a key performance indicator.

\*Source: ISSA International Social Security Association



## Doka quality – tested and acclaimed

Carefully chosen materials and finishing methods increase durability and enable correct usage of the systems.

The Doka rental-park standard is on a high level internationally. Rental-material returns are checked and reconditioned ready for their next use.

Extensive, detailed documentation assists in correct utilisation of the products. User information booklets, safety data sheets, operating instructions and so on are available in more than 25 languages.

The certificates and awards issued by independent experts are guarantees of the high quality of the products and make it all the easier to select the right safety solution.



▲ Tests of our products and bought-in parts are conducted regularly in our company test centre.



**cen** European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung



## Accelerated workflow

Solutions pre-assembled and ready to go with ergonomic installation procedures and integrated safety functions of the systems help facilitate and accelerate the workflow. The workers can focus their attention fully on the job, so they are more productive. Doka safety systems help minimise downtime and stoppages on site.



# Understanding. Systematic safety.

Doka systems unite speed, safety and cost effectiveness on the site.

Safety on site is associated with a high awareness for responsibility, because there is no denying that construction sites are among the most dangerous places to work. Construction projects grow and constantly change the work environment. The site crew frequently has to work under considerable strain in difficult weather conditions and to a very tight schedule.

So it is very important for safety systems to be versatile and easy to use.



<b>1</b>	<b>Workplace</b>	<b>10</b>
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**STOPP**  
principle

-  Substitution
-  Technology
-  Organization
-  Person
-  Potential

# Safe solution for walls and columns – Platform system Xsafe plus

The pre-assembled, fold-out working platforms, with their integrable front / rear and side railings, ladders and self-closing manhole lids greatly enhance workplace safety.

## High workplace safety

- safe assembly, by assembling the units in the horizontal
- with integrable ladders and manholes

## Fast workflows

- by pre-assembled units that can be folded out quickly
- because formwork and platform are repositioned at the same time

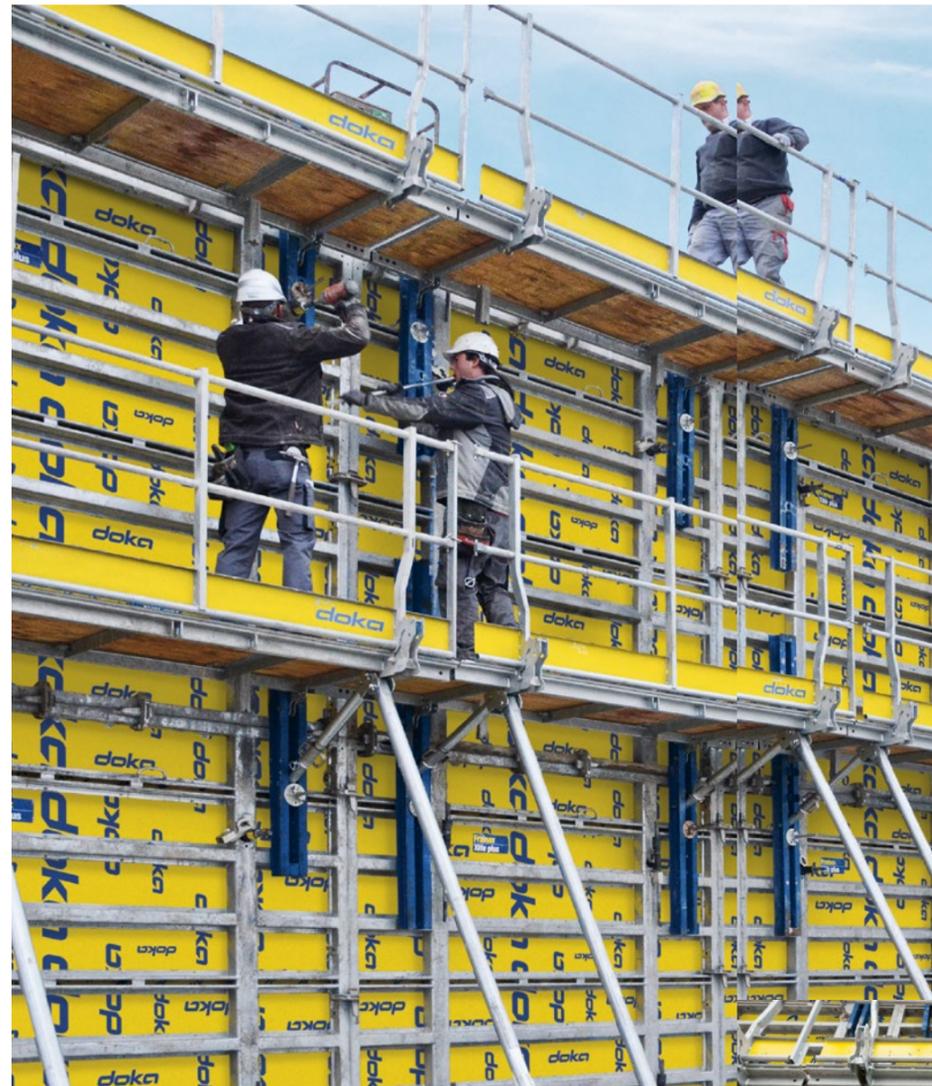
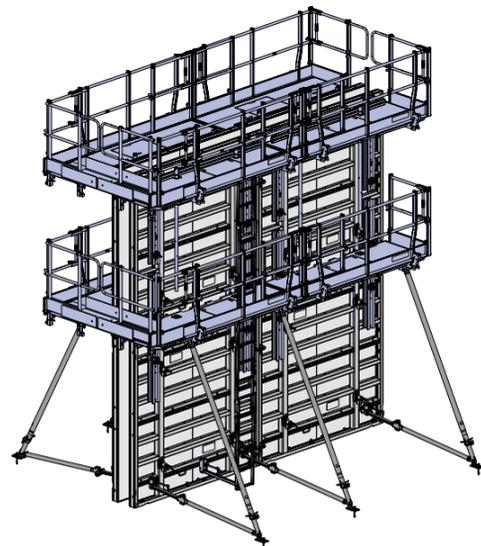
## Saves time, cuts costs

- as there is only one platform concept for all Doka wall systems
- can also be retro-fitted to upright formwork

### Article overview:

Xsafe plus platform 2.70m	586404000
Xsafe plus platform 2.50m	586405000
Xsafe plus platform 2.40m	586406000
Xsafe plus platform 2.00m	586407000
Xsafe plus platform 1.35m	586408000
Xsafe plus platform 1.00m	586409000
Xsafe plus side railing	586410000
Xsafe plus platform extension 0.60m	586418000
Xsafe plus lifting adapter Framax	586436000

Xsafe plus counter railings are available in lengths to match platform length.



**Can be used on:** Framed formwork Framax Xlife plus, Framed formwork Framax Xlife, Framed formwork Alu-Framax Xlife, Large-area formwork Top 50, Wall formwork FF20, Large-area formwork Top 100 tec

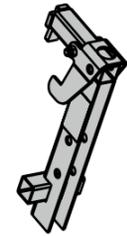
Find out more on our website:

[www.doka.com/xsafe-plus](http://www.doka.com/xsafe-plus)



### Safe corner transition

With the Platform system Xsafe plus it is easy to make safe corner transitions in the system.



### Lifting adapter

With the Xsafe plus lifting adapter Framax the platform can also be installed with the wall formwork upright.



### Side railings

To safeguard closure gaps between two platforms, the integrable side railing can be telescoped in 5 cm increments up to max. 50 cm, and moved backwards to allow unobstructed access around the platform. The 'mounted-ahead' Xsafe plus counter railing provides side-railing protection on the formwork side as well.



▲ The platform can be lengthened at either end by using the Xsafe plus platform extension 0.60m.

### Ladders and manholes integrated in the system

The integrable ladder system and the self-closing manhole in the platform provide hazard-free access to the working platform. The telescoping ladder (155 cm to 271 cm) covers a large number of upright and horizontal panel combinations.

# Safe workplace for upright wall formwork – Pouring platform U

The pre-assembly platform is quickly readied for use and makes pouring safe and easy.

### Ergonomic, safe working

- as platform level is 30 cm below the top edge of the formwork for convenient pouring and vibrating
- as pre-assembly platforms have a working width of 1.25 m and are folding and quickly readied for use

### Front deck-board tilts up

- so that the platform can still be used where obstacles are encountered

### Railing is easily locked in position

- either in the vertical, or tilted by 15 degrees



# Working safely on column formwork – Column platforms

These column platforms can be used on any column cross-section, are quick to assemble and can be shifted together with the formwork, so they are the ideal safety solution for column formwork.

### High-level safety on column formwork

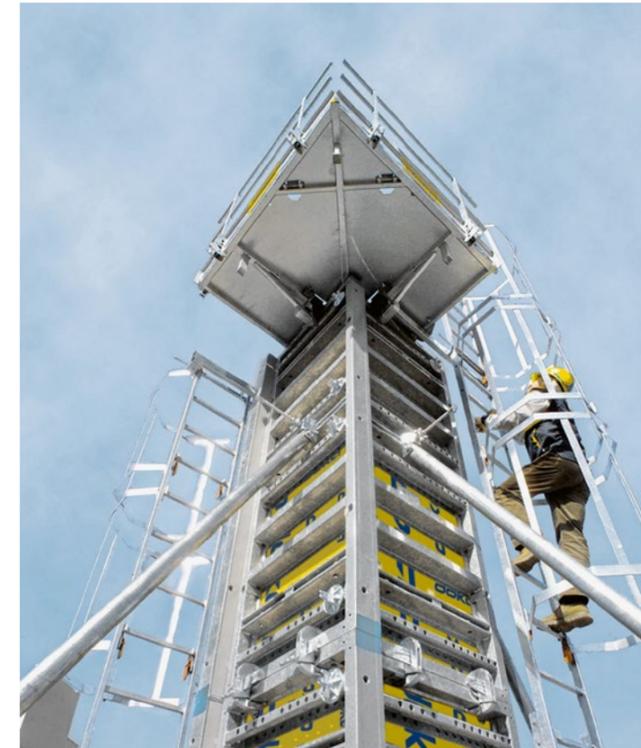
- with pre-assembled, ready-to-use platform

### Swivel-mounted side railings

- can be locked in place and provide a handy access gate

### Easy, fast crane-handling

- of the column formwork platform, using hoisting points recessed into the decking



### Article overview:

<b>1) Pouring platform</b>	
Framax pouring platform U 1.25/2.70m	588377000
Top 50 adapter for Framax pouring platform U*	588384000
FF20 adapter for Framax pouring platform U**	588381000

<b>2) Counter railing</b>	see Page 22
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**TIP**

The counter railing can be installed on the flat (counter railing required by law for heights 2.00 m and higher).

**Can be used on:** Framed formwork Framax Xlife, Framed formwork Alu-Framax Xlife, Large-area formwork Top 50, Wall formwork FF20, Large-area formwork Top 100 tec

Find out more on our website:  
[www.doka.com/safety](http://www.doka.com/safety)



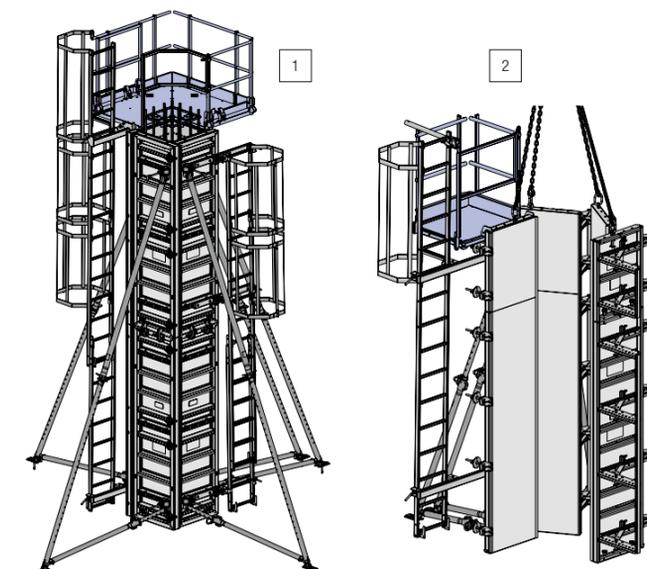
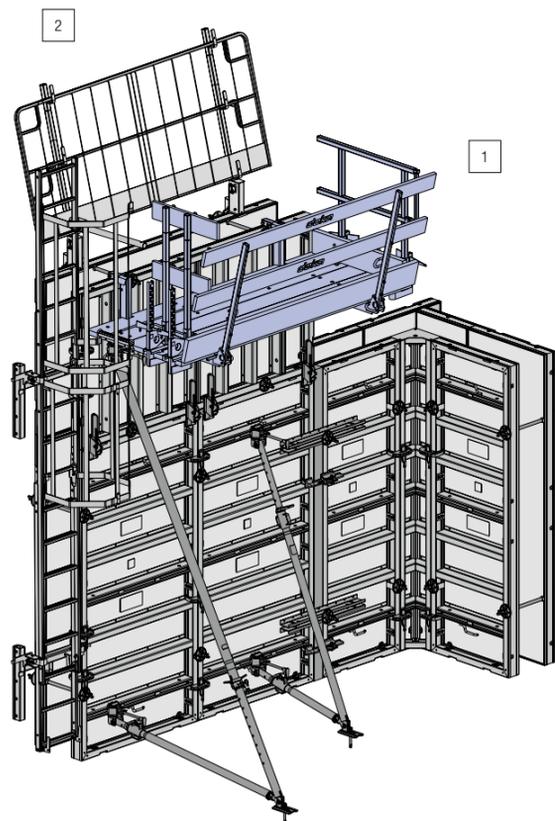
### Article overview:

<b>1) Doka column formwork platform 150/90cm</b>	588382000
Counter railing col. formwork plat. 150/90cm	588385000

<b>2) Platform planking KS</b>	580360000
Railing KS 1.00x0.85m	580363000
Side railing KS 0.30m	580364000
Counter railing platform planking KS	580361000
Can be used only with Column formwork KS Xlife.	

**Can be used on:** Framed formwork Framax Xlife, Framed formwork Alu-Framax Xlife, Column formwork KS Xlife, Column formwork RS

Find out more on our website:  
[www.doka.com/safety](http://www.doka.com/safety)



# Working on formwork and reinforcement – Working scaffold Modul

The Working scaffold Modul is ideal for use along with the Doka wall systems: reinforcing work can be carried out quickly and safely with the Modul scaffolding system. It is equally suitable for use as a stair tower or a mobile scaffold tower.

### Can be used in all areas

- can be used as reinforcing scaffolding, stair tower or scaffold access

### All-round safety

- reliable structural integrity is ensured by the defined assembly sequence
- enhanced safety against tipover, thanks to its widened support base and to the fact that it is braced against the formwork
- tested anchorage points for personal fall-arrest systems enhance safety during system assembly

### Can quickly be readied for use

- boltless jointing technique using the wedge-locking principle
- short introductory training time
- units can be crane lifted for faster cycling



# Quick and safe at the slab edge – Dokamatic table platform

This quick-to-deploy table platform, with fold-down guard rails, is the solution for uninterrupted safety on Dokamatic tables in edge zones.



### Rapid working

- tableform and table platform are lifted and repositioned together

### Highly economical

- because no need for additional working and protection platforms at the building

### Article overview:

Dokamatic table platform 1.00/2.00m	586218000
Dokamatic table platform 1.00/2.50m	586217000
Dokamatic platform extension 0.50/2.00m	586220000
Dokamatic platform extension 0.50/2.50m	586219000
Dokamatic platform profile 1.00m	586221000



1. Push the waling on to the holeplate



2. Push the wedge



3. Drive in with the hammer until seated



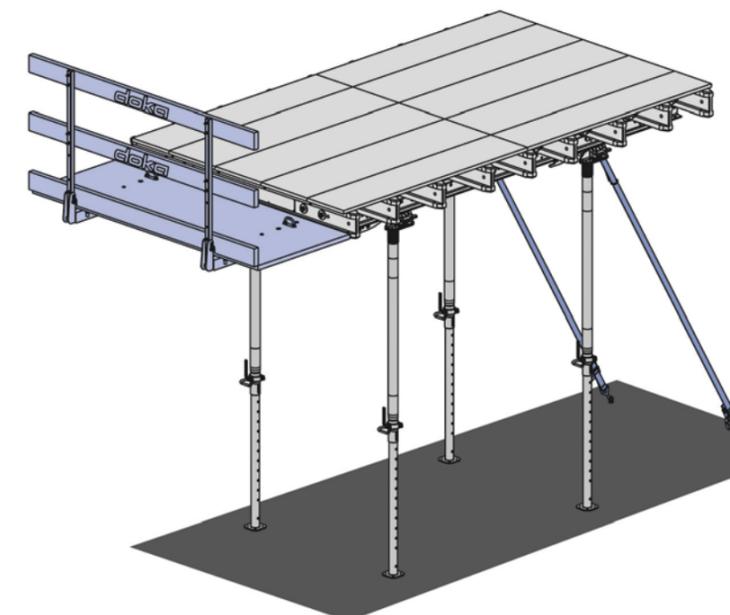
Offering eight different connection possibilities, the Modul node enables fast and versatile adaptation to different heights, widths and lengths.

**Can be used on:** all wall formwork

**Also usable as:** stair tower, mobile scaffold tower

Find out more on our website:

[www.doka.com/modul](http://www.doka.com/modul)



**Can be used on:** Dokamatic table

Find out more on our website:

[www.doka.com/dokamatic-table](http://www.doka.com/dokamatic-table)



# Forming floor slabs ergonomically and quickly – Panel floor formwork **Dokadek 30**

The Panel floor formwork Dokadek 30 enables safe working from floor level. The panels have an integral anti-liftout guard, so no extra wind bracing is needed.

### Extra-safe working

- as the system is set up working from floor level

### Safe handling

- with ergonomic grip-holes in the edge profile

### Integral anti-liftout guards for the panels

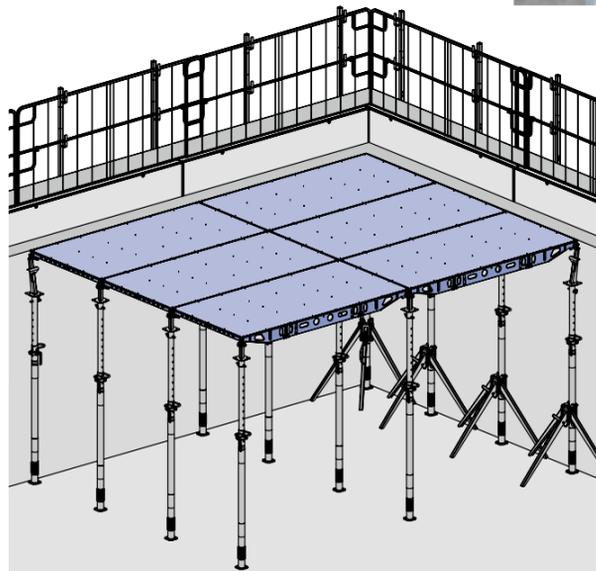
- no extra wind bracing is needed

### Super-fast workflows

- in comparison to other, similar floor-slab systems (according to a study conducted by publishers Zeitlechnik-Verlag, Germany)

Find out more on our website:

[www.doka.com/dokadek-30](http://www.doka.com/dokadek-30)



### Easy, ergonomic working from floor level

The working posture is generally upright – with Dokadek 30 there is no longer any need for frequent bending down and inserting panels from above. Even the job of removing the panels can be done without any laddering. Strenuous overhead work is reduced to an absolute minimum.



### In combination with Edge-protection system XP

The Dokadek handrail-post shoe can be pre-fitted to the panel and swung up into position with the element from floor level.



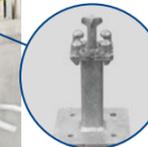
### DekDrive

12 m<sup>2</sup> of Dokadek panels can be easily wheeled around with the DekDrive.



### Integral anti-liftout guard

No need for extra wind bracing due to the integral anti-liftout guard on the support head.



### DekLift 4.50m

The DekLift 4.50m makes forming and stripping at high floor-to-ceiling heights easy.



### Article overview:

Dokadek handrail-post shoe short	586519000
Dokadek handrail-post shoe short 1.20m	586598000
Dokadek handrail-post shoe long	586520000
Dokadek handrail-post shoe long 1.20m	586560000
DekDrive	586526000
DekLift 4.50m	586553000
Platform stairway 0.97m	586555000
Wheel-around scaffold DF	586157000

# Safe working on superstructures – Doka load-bearing towers

Integrable safety functions such as access systems, decking and mount-ahead railings make the Load-bearing towers Staxo 100 and Staxo 40 particularly safe.

### Greater speed

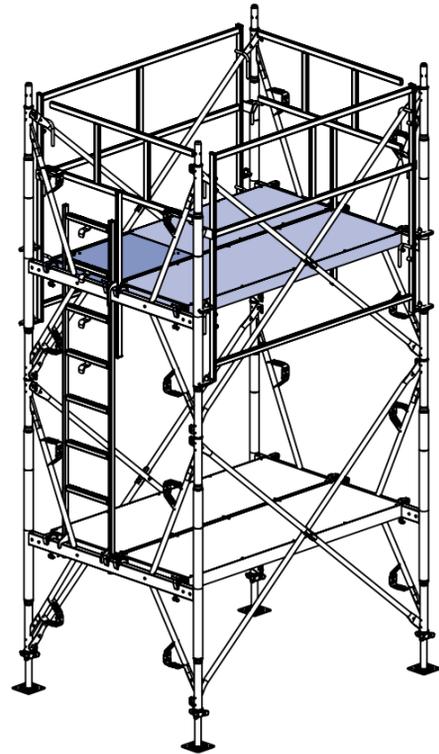
- because of safe assembly and disassembly of the superstructure
- because standing height for overhead work is ergonomic

### Designed for ergonomic working

- safe work locations provided by decking units with and without manholes

### Readily upgradeable

- with the Edge protection system XP



### Scaffold planking units

Scaffold planking units from Doka are light in weight and can quickly and easily be fitted to load-bearing tower frames. They provide a safe workplace for erecting and dismantling load-bearing towers and superstructures.

#### Article overview:

Scaffold planking 60/100cm with manhole	582311500
Scaffold planking 60/150cm with manhole	582312500
Scaffold planking 60/175cm with manhole	582333500
Scaffold planking 60/200cm with manhole	582313500
Scaffold planking 60/250cm with manhole	582314500
Scaffold planking 60/300cm with manhole	582315500
Scaffold planking 30/100cm	582231000
Scaffold planking 30/150cm	582232000
Scaffold planking 30/200cm	582234000
Scaffold planking 30/250cm	582235000
Scaffold planking 30/300cm	582236000



**Can be used on:** Load-bearing tower Staxo 40, Load-bearing tower Staxo 100



### Staxo planking struts

The planking strut makes it possible to extend the floor planking level between adjacent towers. So the superstructure is easier to install and remove.

#### Article overview:

Staxo 40 planking strut 1.00m	582215000
Staxo 40 planking strut 1.50m	582216000
Staxo 40 planking strut 2.00m	582217000
Staxo 100 planking strut 1.00m	582348000
Staxo 100 planking strut 1.50m	582349000

**Can be used on:** Load-bearing tower Staxo 40, Load-bearing tower Staxo 100

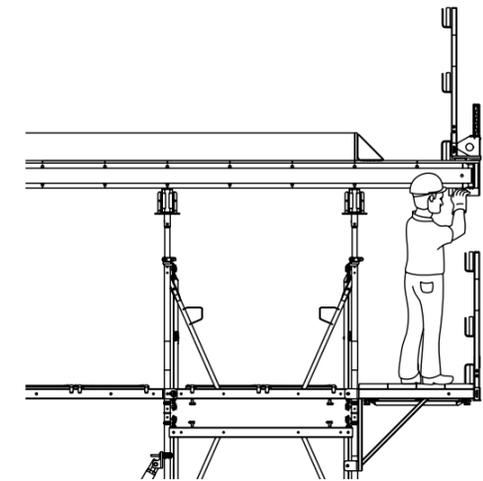
### Staxo 40 bracket

The Staxo 40 bracket can be extended with the Edge protection system XP.

#### Article overview:

Staxo 40 bracket 90cm	582212000
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**Can be used on:** Load-bearing tower Staxo 40



### Mount-ahead / move-up railings

The railings enable assembly and disassembly to proceed in safety even when the work has to be carried out on upright towers – safety maximised throughout the work process.

#### Article overview:

Staxo front railing	582316000
Staxo side railing 100	582317500
Staxo side railing 150	582318500
Staxo side railing 175	582331500
Staxo side railing 200	582319500
Staxo side railing 250	582320500
Staxo side railing 300	582321500

**Can be used on:** Load-bearing tower Staxo 40, Load-bearing tower Staxo 100



Find out more on our website:

[www.doka.com/load-bearing-systems](http://www.doka.com/load-bearing-systems)



# Universal platform for all concreting work – **Folding platform K**

Doka Folding platforms K are pre-assembled, ready-for-use scaffold platforms with standardised system parts for high-load applications in which a wide working surface is necessary.



### Tested safety

- for reduced costs, due to fast, safe working
- with high load-bearing capacity (600 kg/m<sup>2</sup>)
- for clear, level platform work surfaces

### Rapid working

- with pre-assembled units
- with logical system configuration for straightforward planning of the suspension points
- ready for use straight away, after a very few quick and easy actions

### Versatility

- can be used as working scaffold, protection scaffold or roof-safety scaffold, or as a protective canopy

### Excellent cost-efficiency

- being easy to use
- because of a long lifespan
- as it does not take up much storage and transport space

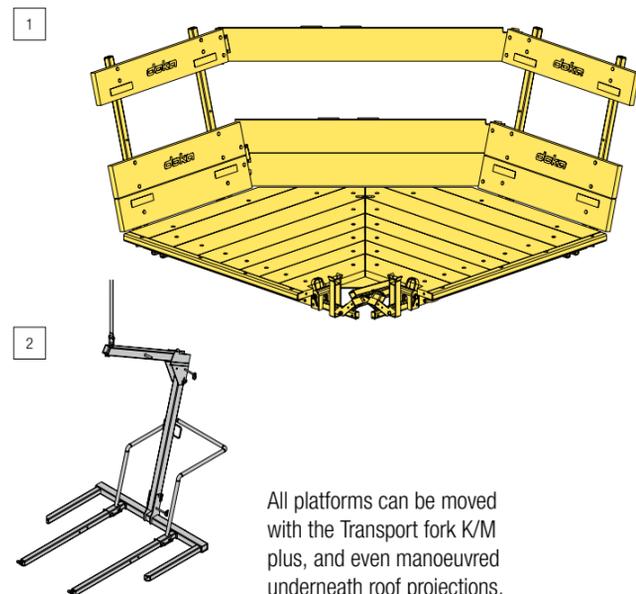
### Article overview:

#### 1) Folding platform

Doka folding platform K 3.00m	580442000
Doka folding platform K 4.50m	580443000
Closure platform 3.00m	580485000
Suspended platform 120 3.30m	580411000
Doka folding platform K outside corner	580424000
Doka folding platform K inside corner	580513000

#### 2) Transport fork K/M plus

583025000



All platforms can be moved with the Transport fork K/M plus, and even manoeuvred underneath roof projections.

# Light working scaffold for masonry and pre-cast construction – **Bracket platform M**

The Bracket platform M is a site-ready, lightweight working and protection platform, that gives a big boost to safety in the field of masonry and pre-cast construction. The winner of an EU award\*, the Bracket platform M complies with both EN 12811-1 (for use as a working platform), and DIN 4420 (for use as a protection platform).



### Tested safety

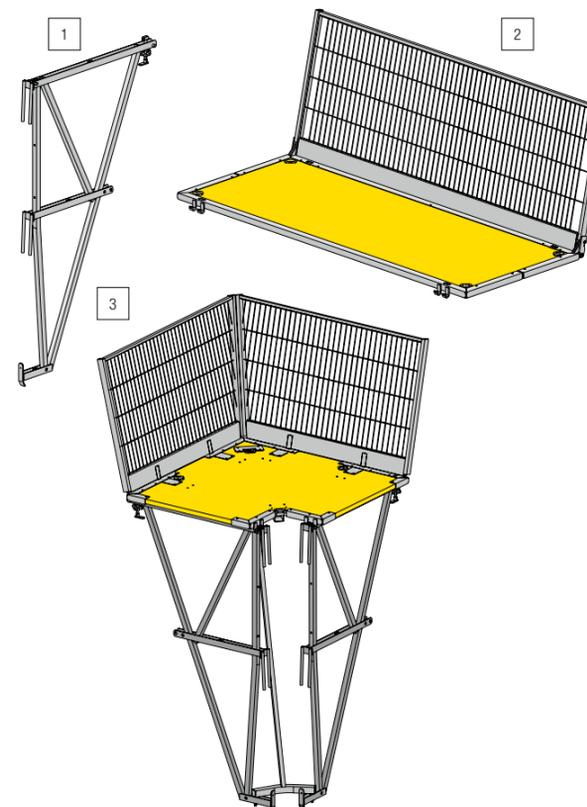
- for reliable protection
- with high load-bearing capacity (300 kg/m<sup>2</sup>) yet low dead weight

### Fast, safe working

- with pre-assembled units built from a small number of rugged system components
- ready for use straight away, after a very few quick and easy actions
- with a quick-connection feature for joining the bracket to the decking

### Versatility

- thanks to its standardised system solutions, can be used as working, protection or roof-safety scaffold
- excellent cost-efficiency
- because of a long lifespan
- as it does not take up much storage and transport space



### Article overview:

1) Platform bracket M	580547000
2) Platform decking M 3.00m	580548000
3) Corner platform decking M	580550000

Corner transition M 1.80m	580556000
Handrail extension Corner transition M 1.80m	580592000
Transport fork K/M plus	583025000

Find out more on our website:

[www.doka.com/folding-platform-k](http://www.doka.com/folding-platform-k)



Find out more on our website:

[www.doka.com/bracket-platform-m](http://www.doka.com/bracket-platform-m)



\* Good Practice Award of the European Agency for Safety and Health at Work in the 'Building in Safety' category.

# FreeFalcon – the mobile fall protection mast

Construction projects get more and more challenging, but at the same time they have to be completed more rapidly and more economically. Sacrificing safety, however, is wholly unacceptable. The current safety regulations in the slab-formworking sector only conditionally satisfy the requirements for occupational health and safety and ergonomics. The FreeFalcon with its safety unit closes this gap. It is the ideal synthesis of safety and freedom of movement.

### Working in safety at the drop-off edge

without trip hazards because the anchor point is always above head height

### Unrestricted freedom of movement

with 360° fall protection and a working radius of 10 m

### Immediately ready, no anchoring to the structure

because no planning, installation or costs for anchoring, no effects on the statics of the structure

### Horizontal repositioning is easy

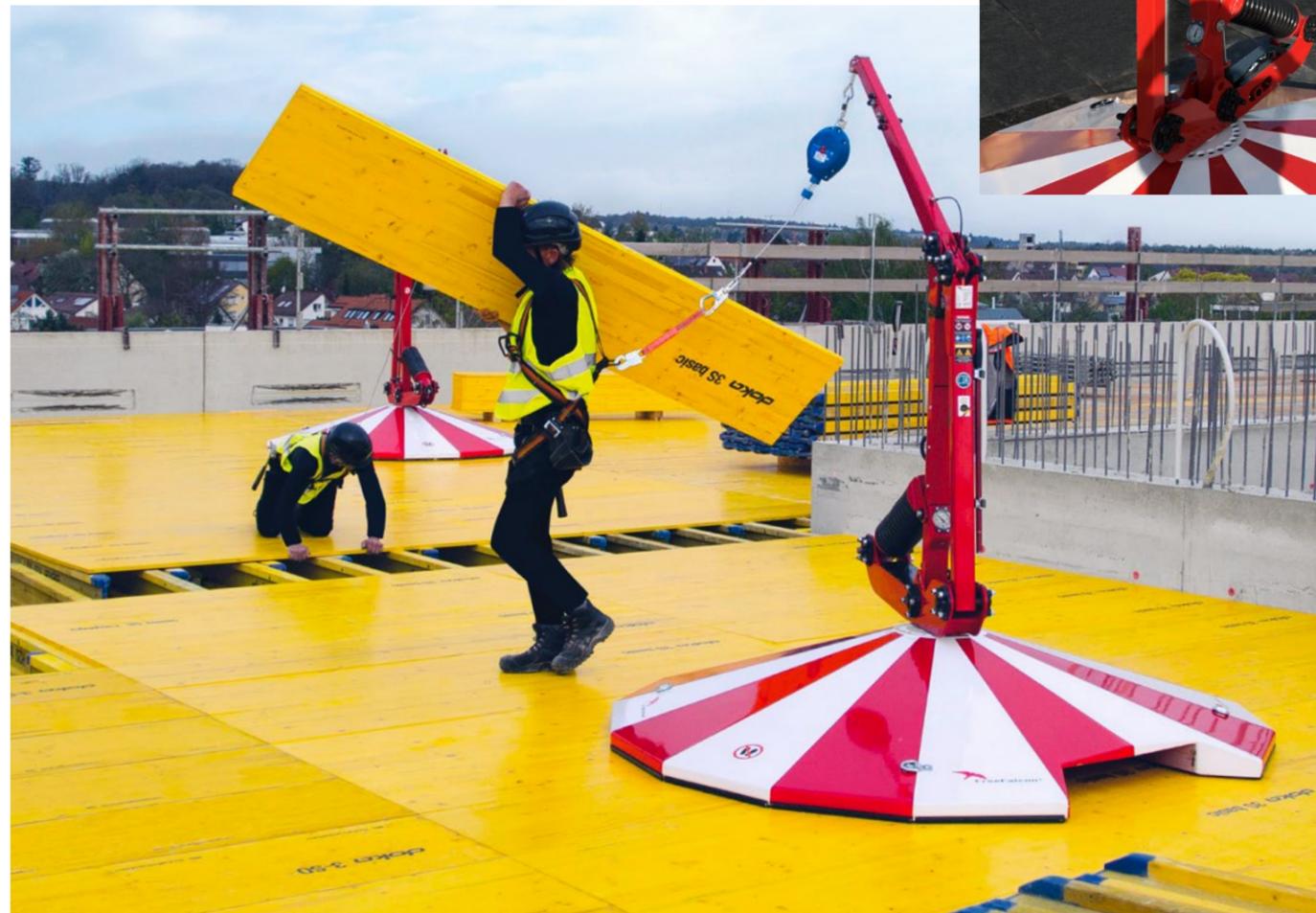
a job for one person with a pallet lifter

### Product features

- Diameter: 2.25 m
- Height: 2.35 m
- Weight: 450 kg
- Standard: DIN EN 795:2012 type E
- Certified by an external institute (DEKRA)
- Complies with Suva (CH), BGBau (D) and BauV (AT)



The FreeFalcon protects construction crew members whenever work at drop-off edges is temporarily unavoidable.



### Here's how it works:

A fall arrester with cable for the safety harness is mounted on the mobile fall protection mast with base mast and extension arm.



As soon as the permissible payload is exceeded, the safety unit trips: the extension arm retracts and draws the anchor point for the safety harness closer.



At the same time a lock engages so that the fall protection mast can no longer swivel; the user's fall is safely arrested.



### Experience the FreeFalcon in Augmented Reality



Install the Doka AR app on your smartphone or tablet now and call up the 'Project model on marker' function. Then point the camera at the front page of this brochure to view the three-dimensional model of the FreeFalcon.  
**Free download: [www.doka.com/ar](http://www.doka.com/ar)**



Find out more on our website:  
[www.doka.com/freefalcon](http://www.doka.com/freefalcon)

# Guardrail system for formwork and structure shell – Edge protection system XP

This system is the universal safety solution for all edge protection needs. It fits in ideally with Doka systems – wall formwork, floor formwork, or fall protection on the structure shell.

## All-in-one guardrail system

- only one type of upright for all types of sideguards
- adapters for any given application

## Tested safety

- hot-dip galvanised and extremely sturdy
- EN 13374-compliant, with the GS mark of certified safety

## Revolutionary bottom-fixed height extenders

- full safety up to 1.20m, with only one upright
- extendable to height of 1.80m with an additional upright

## Quick and easy to assemble

- with easy-click function
- edge protection installs twice as fast in comparison with wooden-rail solutions
- with captive parts

## Article overview:

### in formwork

Framax adapter XP	586475000
Frami adapter XP	586477000
Timber-beam formwork adapter XP	586476000
Dokamatic adapter XP	586474000
Railing clamp XP 40cm	586456000
Railing clamp XP 85cm	586468000
Insertion adapter XP	586478000
Sheet pile adapter XP	586484000
Weld-on connecting piece XP	586467000
Bridge-deck clamp XP	586465000

### in structure shell

Protective grating holder XP	586483000
Screw-on shoe XP	586458000
Handrail-post shoe XP	586457000
Step bracket XP	586459000
Parapet adapter XP	586469000
Balcony adapter XP	586485000
Floor end-shutter clamp	586239000
Floor end-shutter profile XP	586481000

### for both applications

Handrail post XP 0.60m	586462000
Handrail post XP 1.20m	586460000
Handrail post XP 1.80m	586482000
Scaffold tube holder D34/48mm	586471000
Protective grating XP 2.70x1.20m	586450000
Protective grating XP 2.50x1.20m	586451000
Protective grating XP 2.00x1.20m	586452000
Protective grating XP 1.20x1.20m	586453000
Protective grating XP 2.70x0.60m	586466000
Protective grating XP 2.50x0.60m	586472000
Protective grating XP 2.00x0.60m	586473000
Velcro fastener 30x380mm	586470000
Protective grating holder XP	586483000



## EN 13374 certified safety

Hot-dip galvanised, extra-rugged, EN 13374-compliant elements bearing the GS mark of certified safety. The User Information booklets also include dimensioning diagrams allowing for wind loads. The material can be rented, so initial practical experience can be gathered ahead of the decision to buy.

## Edge protection system XP on the formwork

All spacings and lengths of grating are sized to fit Doka formwork systems, and are statically optimised. XP scores for being very quick to adapt and as an optimised edge-protection system for wall and floor-slab formwork.

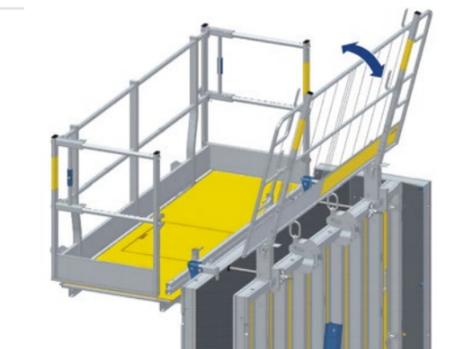
## Easy-Click function

The easy-click function makes it quick and easy to mount and dismount the Handrail post XP 1.20m without tools, and the post locks automatically to prevent accidental lift-out.



## Counter railing

The Framax adapter XP is used to mount the side railings to the opposing formwork. The side railings can be attached to the formwork while it is still flat on the ground, and will stay permanently fixed to the formwork both while it is being repositioned and when it is in the cleaning position (with the form-ply facing upwards). During pouring, the railings can be tilted backwards by 15 degrees to allow more freedom of movement.



## Safeguarding slab edges and platforms

The connector component used for safeguarding exposed slab edges is the Railing clamp XP 40cm. The clamp ensures that the toeboard is held tight against the formwork, so that no small items can fall off. Insertion adapter XP can also be used, depending on the system.



Find out more on our website:

[www.doka.com/edge-protection-system-xp](http://www.doka.com/edge-protection-system-xp)



## Edge protection system XP on the structure shell

With connectors that are optimised for building-construction and civil-engineering applications, XP meets the requirements for use on the structure shell. XP adapts quickly because of the wide spacing of the uprights. If necessary the gratings can be set higher – for example to allow installation of the exterior facing of the building.

### Safeguarding exposed slab edges

Screw-on shoe XP and Screw sleeve 20.0 are pressed into the still-fresh concrete, creating the precondition for use of the Edge protection system XP during the pouring operation.



### Fixing to concrete floor slabs

Used with the Express anchor 16x125mm (approval Z-21.8-2033), the Handrail-post shoe XP allows for subsequent attachment of the edge protection.



### Protective grating holder XP

The Protective grating holder XP is used for securing the Protective grating XP to walls with sufficient load-bearing strength, e.g. as fall protection for door openings, shafts and balconies.



### Barriers

When combined with standard fence-feet baseblocks, the Edge protection system XP can also be used to demarcate different working areas within a jobsite.



### Stairs

Step bracket XP fixed to the end face of the stairway provides an overhang of up to 4 cm for the tiles laid on the steps.



### Safety at parapets

The Parapet adapter XP is connected to the Railing clamp XP; together with the Handrail post XP 0.60m, it then provides optimum edge protection on parapets.



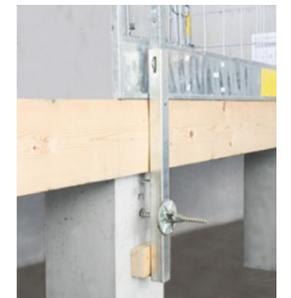
### Balcony adapter XP

The Balcony adapter XP is used as a barrier at the edge of the slab for balcony work. It is secured to the narrow face with the Bridge edge beam anchor 15.0.



### Floor end-shutter profile XP

The Floor end-shutter profile XP is used for fast, safe forming of slab stop-ends.



# Safe solution for slab stop-ends – Floor end-shutter clamp

This quick and easy system solution for stop-ends now provides even greater safety at the edges of floor slabs, and greater flexibility with a choice of different attachment methods, types of stop-end and ways of safeguarding slab edges.



### Just one system

- for forming stop-ends and safeguarding slab edges

### Can be used in all areas

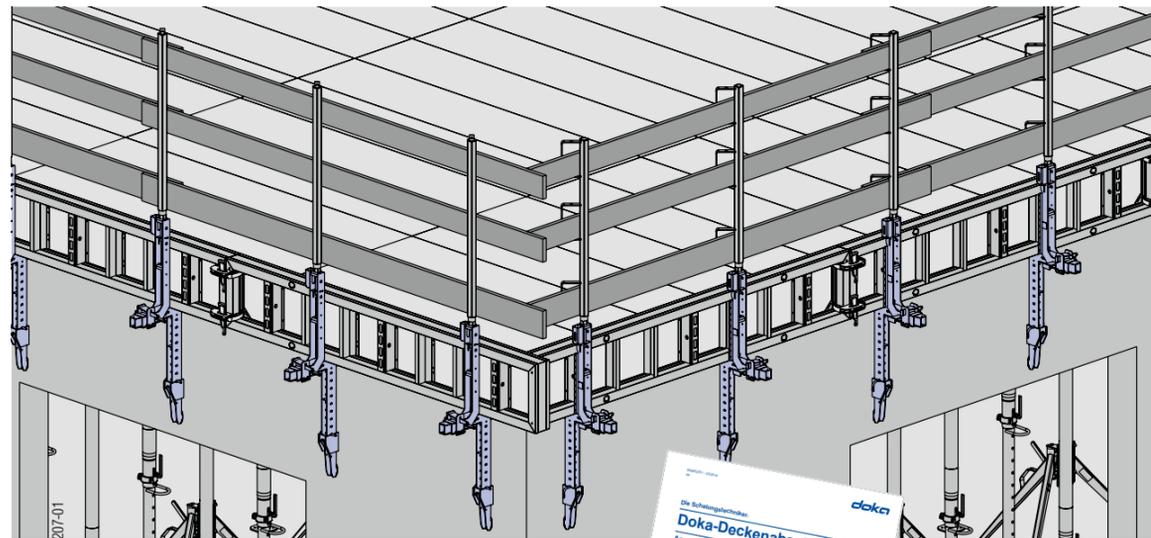
- as it comes with three methods of fixing to the building

### Easy handling

- as the parts weigh less than 7 kg each

### Safety that comes easily

- with 3 different methods of edge protection
- with quickly installable fall protection compatible with the Edge protection system XP



### Article overview:

Floor end-shutter clamp	586239000
End-shutter shoe	586257000
End-shutter tie rod 15.0 15-40cm	586258000
Handrail post 1.10m	584384000



See the user information booklet for more information.

# Handrail post 1.10m

Fixes quickly to the concrete



### Fast to set up

- as the posts are simply plugged or screwed into place in the Screw sleeve 20.0

### High level of safety

- thanks to the anti-liftout feature for the guard-rail boards

### Long life span

- thanks to the rugged build and hot-dip galvanised finish

### Article overview:

Handrail post 1.10m	584384000
Screw sleeve 20.0	584386000

# Handrail clamp S

Can be used in all areas



### Large clamping range up to 45 cm

- for mounting to floor-slab formwork, concrete floor slabs or platforms

### Quick and easy to assemble

- as it is clamped and fixed in place using a wedge

### Seamless safety

- with liftout-proof guard-rail boards or bolted-on scaffold tubes

### Article overview:

Handrail clamp S	580470000
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Find out more on our website:

[www.doka.com/handrail-posts-and-clamps](http://www.doka.com/handrail-posts-and-clamps)



# All-round protection for building construction – Protection screen Xclimb 60

The Protection screen Xclimb 60 enables construction work to proceed on the top levels of highrise projects in great safety and protected from the weather. Because it is structure-guided at all times, it can be operated even at high wind speeds.

### Safe working at any structure height

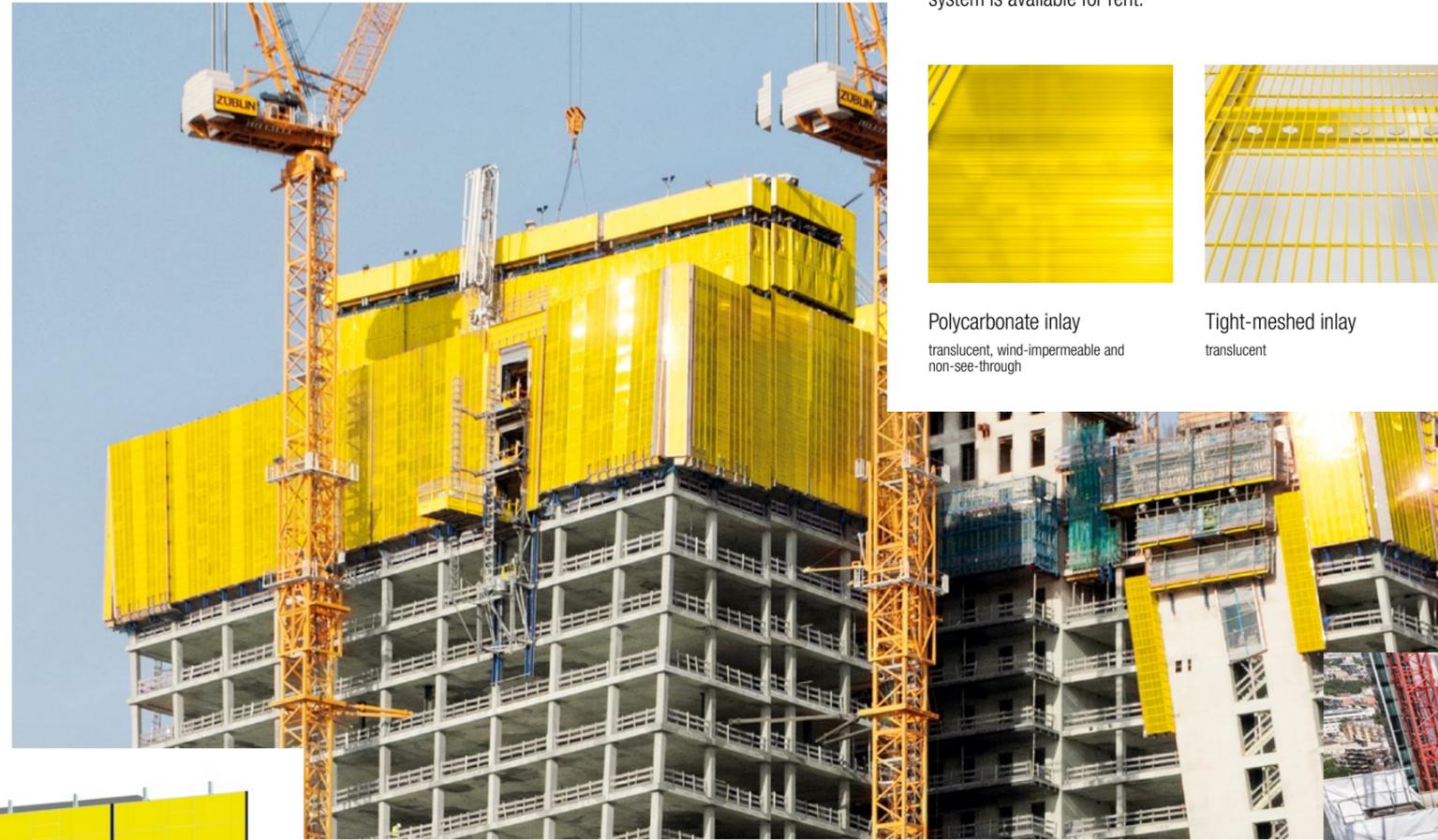
- full-surface enclosure prevents falls and protects the crew against wind and weather
- protection against items being dropped is ensured by horizontal and vertical sealing

### Can be used in all areas

- several variants in terms of enclosure type, number and size of the working platforms

### Boosts productivity

- because workers feel safer
- certainty regarding costs, when the protection screen is pre-assembled by Doka



### Protection screen Xclimb 60 with framed enclosure Xbright

Frame-based enclosure panels and simple panel connections ensure rapid pre-assembly by hand. The entire protection screen system is available for rent.



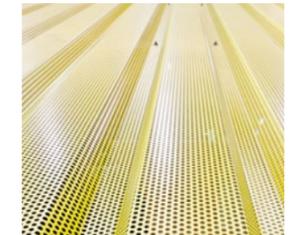
Polycarbonate inlay  
translucent, wind-impermeable and non-see-through



Tight-meshed inlay  
translucent



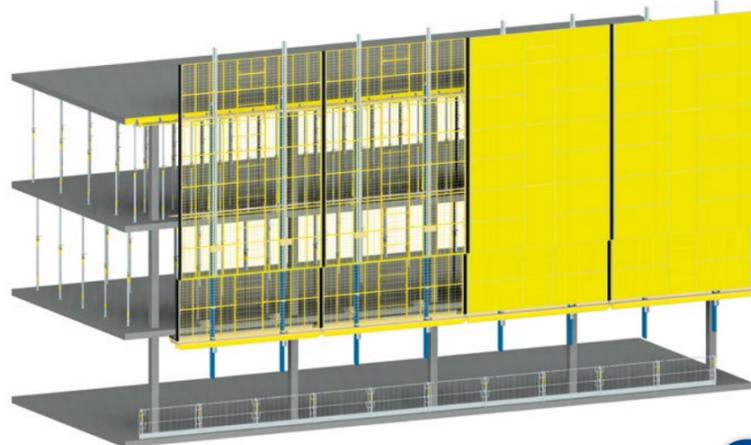
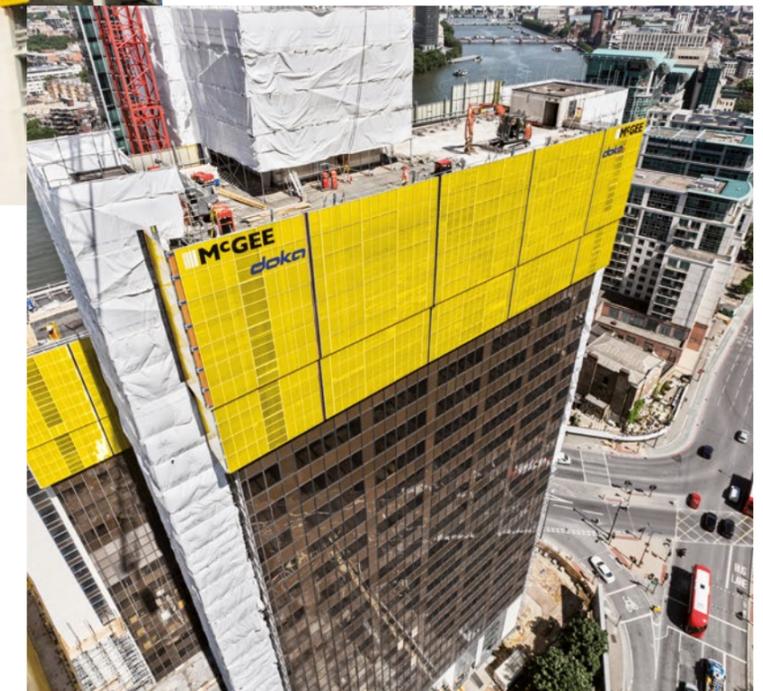
Sheet metal enclosure  
wind-impermeable and non-see-through



Perforated-sheet enclosure  
translucent

### Protection screen Xclimb 60 for safe demolition work

The downclimbing Protection screen Xclimb 60 encloses only the building levels where work is actually in progress and protection against falling objects and noise is needed. This dispenses with the costly and time-consuming erection of a full scaffold enclosure.



Find out more on our website:

[www.doka.com/protection-screen-xclimb-60](http://www.doka.com/protection-screen-xclimb-60)

# Safe and fast routes up and down – Stair tower 250

A sturdy, stable access system can be put together very quickly from load-bearing tower frames and pre-assembled aluminium stairway elements. Intermediate exits permit safe access to all work-deck levels.

### Highly versatile

- as the system can be used in so many different ways
- for heights up to 100 m
- compatible with the component parts of the Load-bearing towers Staxo, Staxo 40 and Staxo 100 and the d2 and d3 systems

### Excellent cost-efficiency

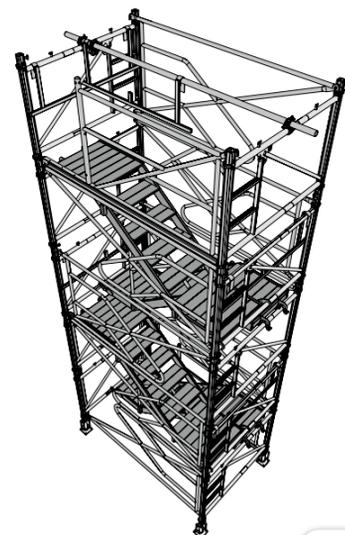
- because of its ergonomic structural design
- because much less physical effort is expended on moving from level to level

### Convenient and easy to erect

- because procedures are simple and there are only a few individual parts
- because vertical stacking is safe, one lift at a time



**TIP**  
According to a study conducted by the Graz University of Technology, Austria, stair towers are more economical than other access systems (48 or more up/down movements per day).



Find out more on our website:  
[www.doka.com/stair-tower](http://www.doka.com/stair-tower)

#### Article overview:

Alu stairway 250	582670000
Access support 250	582674000
Outer railing 250	582672000
Inner railing 250	582671000
Access railing 250	582675000
Landing railing 250	582673000

# Safety for moving up and down the formwork – Ladder system XS

System-based access systems can be attached quickly and easily to Doka wall and column formwork. These safety accessories can be mounted on the formwork while it is flat on the ground. This ensures complete safety, right from the word 'go'.



### High level of safety

- by integral ladders with ladder cages

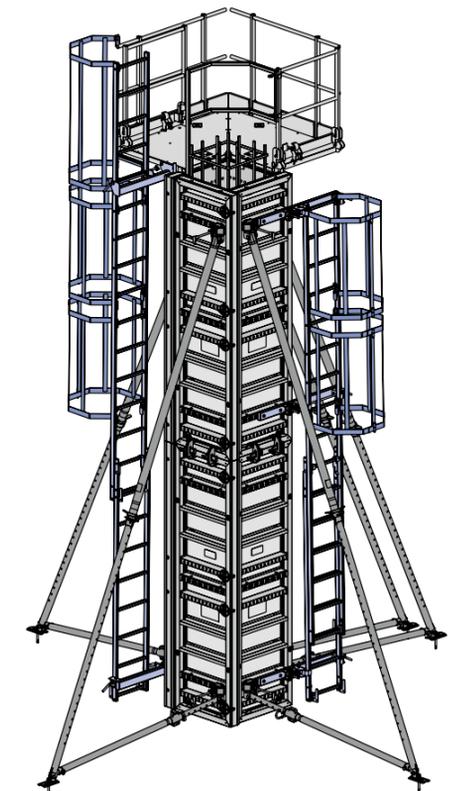
### Rapid working

- having safe up/down access makes for an efficient construction workflow

### Simple to deploy – anywhere

- compatible with Doka wall, column, climbing and tunnel formwork and the Doka cantilever forming traveller (CFT)

**Can be used on:** Doka framed, timber-beam and column formwork systems, climbing systems and the cantilever forming traveller (CFT)



#### Article overview:

Connector XS Framax/Alu-Framax	588639000
System ladder XS 4.40m	588640000
Ladder extension XS 2.30m	588641000
Ladder cage exit XS	588666000
Ladder cage XS 1.00m	588643000



Find out more on our website:  
[www.doka.com/ladder-system-xs](http://www.doka.com/ladder-system-xs)

# Makes working overhead easy – Wheel-around scaffold DF

The Wheel-around scaffold DF is ideal for forming and stripping at medium floor-to-ceiling heights.

### All-round fall protection

- provided by railing frame and horizontal braces

### High stability

- for safe working on the scaffold

### Fast set-up and dismantling

- as there are only a few separate component parts, all of them light in weight

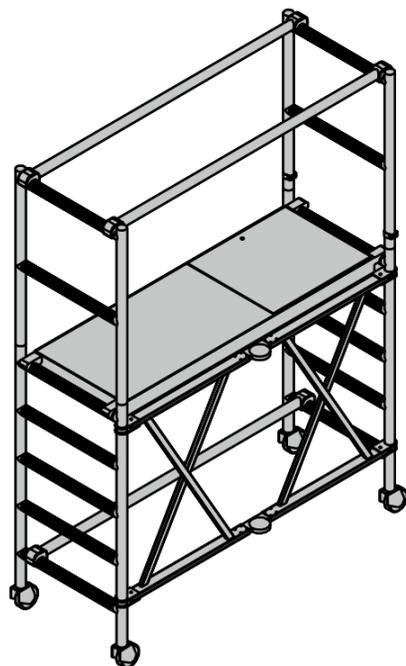
### Dependable safety

- tested by Germany's TÜV Bayern technical inspectorate

### Article overview:

Wheel-around scaffold DF

586157000



Can be used on: Doka floor formwork

Find out more on  
our website:

[www.doka.com/safety](http://www.doka.com/safety)



## Safety tip:

Ladder systems XS can be used with Doka column formwork and wall formwork.



# Safety Net Fan SNF – the dependable tray-net barrier to catch falling materials and debris on any building

The Safety Net Fan SNF is the on-the-job solution for minimising the danger of falling material and debris for workers on lower levels and passers-by on ground level.

### Tested safety, for reliable protection

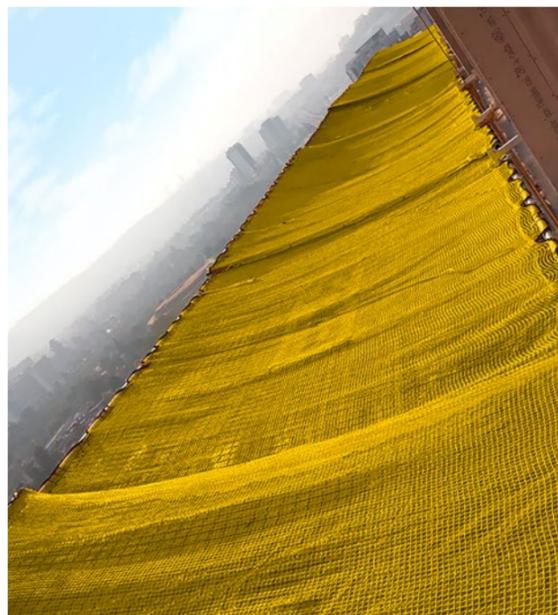
- EN 1263 system T and ANSI 10.37-compliant system and material
- triple-layer tray nets for ultimate protection against falling objects
- UV treatment to increase resistance against damage by exposure to sunlight

### Quick, easy installation saves time and money

- lightweight construction ensures fast and easy installation
- optimised attachment for any structure

### Designed for flexibility, to meet any set of on-site requirements.

- two different lengths and two different widths make the system highly adaptable
- corner solution
- with practical add-on components for every usage situation



## Safety training posters

**Well-trained workers improve your site's safety record!**

The eye-catching posters clearly show how to avoid the most common causes of accidents. Train your site crew regularly, without unnecessary complications and create awareness for potential hazards!

**We'll provide the support you need!**



Find out more on our website:

[www.doka.com/safety-poster](http://www.doka.com/safety-poster)



These posters are not substitutes for the applicable system User Information booklets!

# Vertical repositioning without crane lifts – Table Lifting System TLS

The Table Lifting System TLS enables tableforms to be moved around on the bottom floor and on all higher levels. So it contributes much to optimising site logistics and is designed to provide the very highest on-site performance. It can be used for buildings of any height.



### Speeds up the construction workflow

- because tableforms can be repositioned at wind speeds up to 72 km/h

### Quick and easy to reposition

- the slab formwork without crane lifts

### High level of safety

- because anchored directly to the structure
- with slip-proof, weathering-resistant platform decking for high stability

### Article overview:

Basic unit TLS	586301000
Lifting platform TLS centre 3.00x1.60m	586307000
Lifting platform TLS back 3.00x1.60m	586308000
Protective grating TLS 1.80m	586334000
Protecting metal sheet TLS right	586309000
Protecting metal sheet TLS left	586310000



Using the Table Lifting System TLS to reposition tableforms frees up the cranes for other tasks. So it might well be possible to remove them at an early stage and proceed with work on the outdoor facilities.

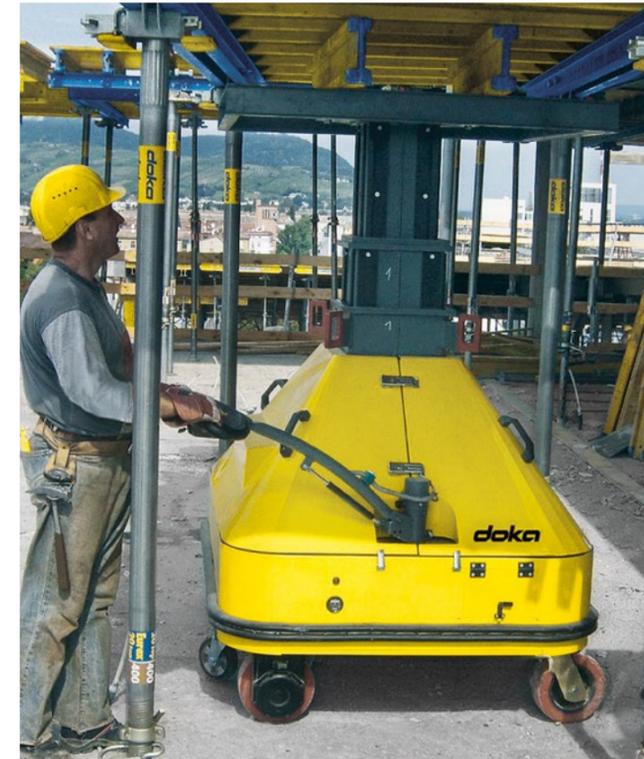
Can be used on: Doka tableforms

Find out more on our website:  
[www.doka.com/tls](http://www.doka.com/tls)



# Horizontal repositioning of tableforms quickly and easily – DoKart plus

The DoKart plus is a high-performer with the manoeuvrability and ease of use that make it perfect for the rough-and-tumble of everyday work on construction sites.



### Speedy work routines

- because the device is compact and tremendously manoeuvrable
- because of the high lifting speed

### Reduced labour costs

- because of ergonomic one-man operation

### High load capacity

- of 2,000 kg

### Extremely reliable

- with its big wheels, generous ground clearance and solid baseplate

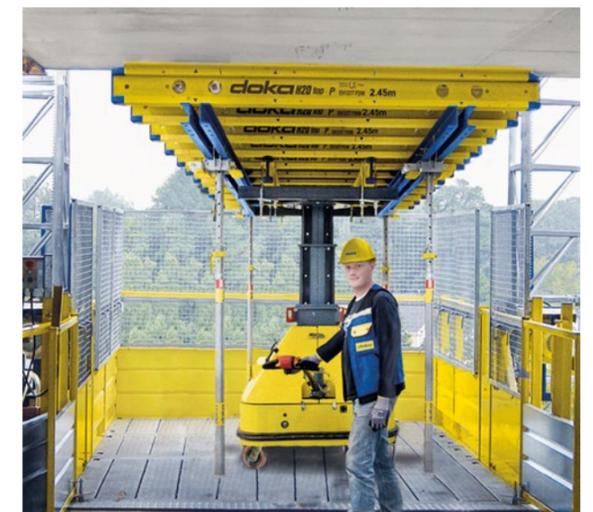
### Article overview:

DoKart plus	586265500
Extension set for DoKart plus	586266500

Moving sideways and rotating on the spot shorten the distances to be covered. Work is speeded up still further by the high lifting speed. The tableform is lifted at a rate of 8 cm per second. The table is then immediately ready for the next deployment cycle.

Can be used on: Doka tableforms

Find out more on our website:  
[www.doka.com/tls](http://www.doka.com/tls)

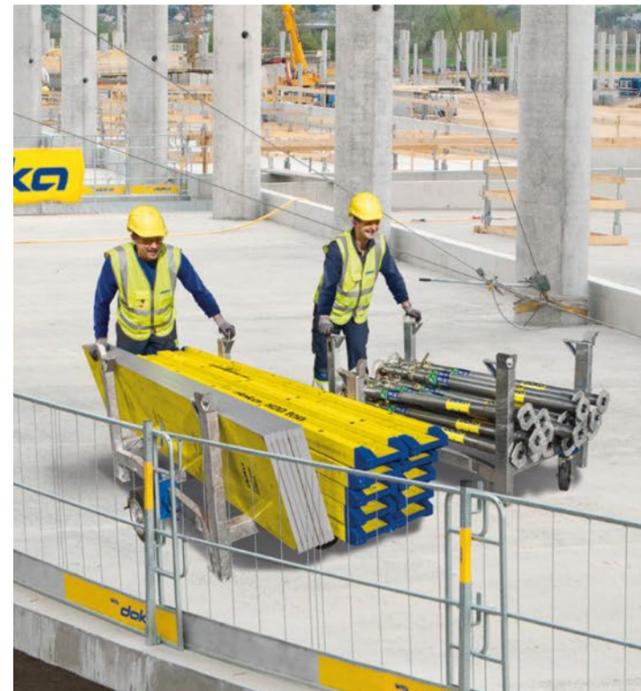


# Improving site logistics – Multi-trip packaging

Multi-trip packaging such as containers, stackable pallets and skeleton transport boxes maintains orderliness, helps minimise search times and ensures safe transport of system components, small items and accessories from, to and on the construction site.

### Equipment and labour-cost savings

- because of fast loading and unloading of system components, small items and accessories
- easily shift equipment to where it is next needed, by crane or with bolt-on castors
- safely store equipment in stacks, even where space is restricted



### Article overview:

Doka multi-trip transport box 1.20x0.80m	583011000
Doka accessory box	583010000
Doka skeleton transport box 1.70x0.80m	583012000
Doka stacking pallet 1.55x0.85m	586151000
Doka stacking pallet 1.20x0.80m	583016000
Bolt-on castor set B	586168000



Special pallets designed for our products help maintain orderliness on your site – for example here, with the Staxo 100 pallet.

Find out more on our website:

[www.doka.com/multi-trip-packaging](http://www.doka.com/multi-trip-packaging)



# Product Finder.

Find more information for Safety Systems at [www.doka.com](http://www.doka.com) or contact your Doka adviser.



[www.doka.com/products](http://www.doka.com/products)

# Safe on-site handling – Doka lifting accessories

On the site, every single workstep is crucial. Sequences of operations such as slinging and unslinging loads, repositioning and handling and plumbing all involve a great deal of risk. High-quality, tested lifting accessories are essential.

### Tested quality

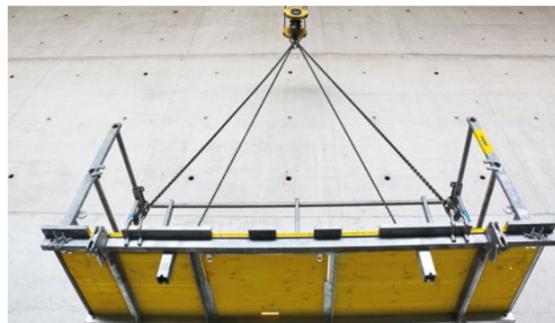
- with annual checks
- detailed documentation in operating instructions

### Article overview:

Doka 4-part chain 3.20m	588620000
Transport fork DM 1.5t adjustable	586233000
Dokamatic lifting strap 13.00m	586231000
Framax lifting hook	588149000
Frami lifting hook	588438000

### 4-part chain

A multi-functional slinging means. Its integrated eye-hooks can be used for hoisting formwork, platforms and multi-trip packaging containers.



### Transport fork DM 1.5t adjustable

Fork spacing adjustable to any of four settings for a perfect fit to all table sizes and use cases. Unhindered engagement underneath the table and high safety for repositioning with latch-type anti-slide-off guard.



### Dokamatic lifting strap

The Dokamatic lifting strap can be used for hoisting tableform superstructures and ready-to-use tables. The 13 m long strap is designed to be fixed and detached safely, working from ground level.



### Framax lifting hook

The lifting hook attaches above the panel join for the safe repositioning of formwork panels.



# Small helpers for speedy progress – Doka tools

Doka tools make fast and safe working easy. They are highly ergonomic so they help protect the worker's musculoskeletal system while they are in use.

### Article overview:

Framax 3-in-1 pole tool	588678000
Framax telescopic assembling tool	588651000
Framax stripping tool	589235000
Double scraper Xlife 100/150mm 1.40m	588674000
Scraping blade	508674050
Scraping plate	508674060
Form-tie load read-off device 300kN	581834500

### Using the right tools means less physical effort

- specifically designed for all Doka systems

### Highly capable of dealing with stress

- thanks to their rugged, high-grade build

### Framax 3-in-1 pole tool

For operating the lifting hook safely from ground level, plumbing and aligning the formwork, and pulling out double-headed nails.



### Framax stripping tool

For easily releasing framed formwork from concrete.



### Double scraper Xlife

For rapid cleaning of Framax Xlife sheets.



### Form-tie load read-off device

For monitoring formwork pressure at critical parts of the structure or when pouring rates are high.



### Tie-rod wrench

The tie-rod wrench makes quick work of tightening and loosening Tie rods 15.0, 20.0 and 26.5.



### Universal dismantling tool

For Floor props Eurex 20, Eurex 30 and Eurex 60 550, spindle and adjustable plumbing struts, adjusting and plumbing struts, screw jack feet and split nuts.



### Express anchor

For fastening panel struts for wall formwork, or back-stays for tableforms.



### Plastic mallet

For setting up and aligning floor props without damaging them.



### Beam fork H20

For an easy way of lifting in and levelling formwork beams.



### Beam anti-tip and anti-liftout guard

For safe connections between primary and secondary beams.



### Dokadek stripping tool

For releasing Dokadek panels easily and safely from floor level.



### Dokadek suspension tool

For lifting and engaging the panels at high floor-to-ceiling heights.



### Dokadek assembling tool

For lifting and lowering the free ends of Dokadek panels.



#### Article overview:

Tie-rod wrench 20.0/26.5	580593000
Tie-rod wrench 15.0/20.0	580594000
Universal dismantling tool	582768000
Doka express anchor 16x125mm	588631000
Plastic mallet 4kg, length 1.1m	586097000
Alu beam fork H20	586182000
Connector clip H20 Xbrace	586790000
Dokadek stripping tool	586541000
Dokadek stripping tool extension 1.50m	586553000
Dokadek suspension tool	586562000
Dokadek assembling tool B	586540000
Dokadek assembling tool extension 2.00m	586538000

**Important information:** Always observe all relevant safety regulations (e.g. as issued by construction-industry employee safety organisations) applying to the use of our products in the country in which you are operating. In addition, the User Information booklets (Instructions for Assembly and Use), which contain information on standard system set-up and on compliant utilisation of Doka formwork systems, must also be observed. The illustrations in this brochure show the situation during formwork assembly and are therefore incomplete from the safety aspect. It could be dangerous to combine our formwork equipment with equipment from other manufacturers. If you intend combining different systems, please contact Doka for advice first. Subject to change without notice in the course of technological development.  
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# Understanding what the future holds

We invest every day in further developing our products and services so we can continue to always find the best solution for our customers. Regardless of the direction the developments go, our claim towards the highest levels of quality, functionality and efficiency remain — to the benefit of our customers.



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