

# LOGO.3

All benefits at a glance



**PASCHIA**  
Service in Formwork + Shoring

# LOGO.3



Solid flat steel frame, long durability, versatile applications

## Benefits:

- Small number of tie-points (0.62 tie-points/m<sup>2</sup>)
- High concrete quality
- Quick panel connection with wedge clamps (only 1.8kg in weight)
- Profiled flat steel frame for guaranteed sturdiness and long product life span
- Quick accessory fastening on multi-functional cross profiles
- Vertical or horizontal deployment for all panels
- Multi-purpose panel for corners, columns, stop ends
- Well-balanced panel selection
- Plastic filler pieces enable centimetre precise forming within the system

## Technical Data:

### Panel widths:

340/240/135/90/75/60/55/50/45/40/30/25/20 cm

### Panel heights:

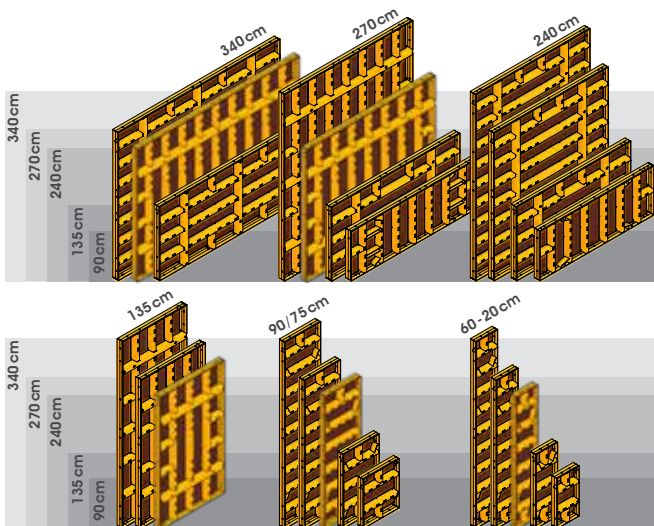
340/305/270/240/135/90 cm

Frame depth: 12 cm

Plywood: 16 mm thick, 11-ply Finnish birch plywood

Max. concrete pressure: 70 kN/m<sup>2</sup> according DIN 18218

Tolerances of deflection: According DIN 18202, table 3, line 6



## Perfectly balanced panel sizes

### Benefits:

- Optimum use of formwork availability through balanced element sorting
- Fast forming of large room heights with LOGO.3-3.40m panels without extensions
- Form everything to the nearest centimetre within the system with plastic fillers

## LOGO.3 panel 270 x 340 cm

### Benefits:

- Basic panels 340 x 270 cm with 9.18 m<sup>2</sup> for fast forming of large surfaces
- 270 cm for housing construction, 340 cm for industrial construction
- The large panels reduce the number of connecting pieces and consequently the forming times to a minimum.



# Fair-faced concrete



LOGO.3 meets high demands concerning the concrete surface. The balanced panel sorting offers many possible combinations with regard to tie-points and joint pattern.

## Benefits:

- Extremely narrow frame impression
- Few joints
- Low number of tie-points
- Optimum concrete surfaces
- Max. concrete pressure: 70 kN/m<sup>2</sup>  
Tolerances of deflection: According DIN18202, table 3, line 6



# Save tie-points



The LOGO.3 manages with extremely few tie-points. Through the targeted use of small and large-size panels, up to 4 tie-points can be saved in the corner area, for example. Also by placing a filler panel between two large-size panels, up to 4 tie-points can be saved. This is valid for all formwork heights up to 270 cm.

## Benefits:

- Time-savings
- Reduced material and labour costs



*By inserting a filler panel between two large-size panels, 4 tie-points will be avoided.*



*Up to 4 tie-points per corner can be avoided with LOGO.3!*

# Wedge Clamp



- the unique connecting piece

## Benefits:

- With 1.8 kg a lightweight among the clamp connections
- Quick & safe opening and closing from the front

# Clamp holder



Storing of connecting pieces in the formwork panel for faster and more economical forming.

## Benefits:

- Connecting pieces always ready to hand
- Even faster accessory mounting
- Optimised construction site logistics
- Stacking storage possible

# Plastic filler pieces



Plastic filler pieces enable centimetre precise forming within the system. Plastic filler pieces are available for all panel and segment heights and depending on the system in widths of 1 to 4 or 1 to 6 cm. For larger widths several plastic filler pieces can be combined.

## Benefits:

- Saves both time and material → faster forming times
- Durable and dimensionally stable
- Smooth surface and therefore easy to clean
- A similar surface to film-coated formwork panels
- Available in all panel and segment heights
- Can be fixed using standard connecting pieces
- Can also be screwed in
- LOGO plastic filler pieces are compatible with nearly all formwork products on the market
- Produced from recycling material (eco-friendly)

*Plastic filler pieces are simply fixed with standard connecting pieces, e.g. with the multiclamp.*



## Technical Data:

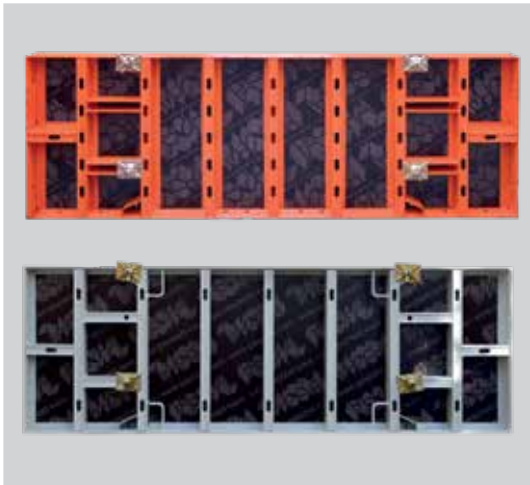
Heights:

1/2/3/4/5/6 cm

Widths:

340/305/270/240/135/90 cm

# LOGO.3 / LOGO alu panel 270 x 90 cm



with 8 tie points

## Benefits:

- Four outside and inside tie points each enable a flexible use.
- Vertical or horizontal position: In vertical position the outside tie-point is used at the panel joint. In horizontal position you can use the necessary lower inside tie point of the panel.
- Use as formwork for foundations, for height extensions and small wall heights, beams, parapet walls, etc.
- All other panel widths in height 90 cm are available within the system





# Multi-Column



Formwork for rectangular or square column sections between 20cm and 75cm length (60cm for LOGO alu) can be made in accordance with the windmill principle using four LOGO.3 multi-purpose panels.

## Benefits:

- Multi-purpose panel as column formwork
- Side length 20-75cm, gradation 5cm

## Columns with LOGO outside corner posts



Columns can be formed simply using 4 LOGO compensation panels and 4 LOGO outside corner posts joined by wege clamps.

## Benefits:

- Compensation panel as column formwork
- Side length 20-60cm, gradation 5cm

# Multip



Multip from PASCHAL fulfils the most stringent safety standards and increases formwork and concreting efficiency.

## Benefits:

- A safe work place at the upper end of the formwork including front protection
- Safe work levels
- Safe ascents and descents

# Lateral protection system



Reliable lateral protection according to safety standard EN 13374

## Benefits:

- For a variety of applications
- Comprehensive safety
- Quick, easy assembly



Support  
LOGO.3

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# LOGO.3

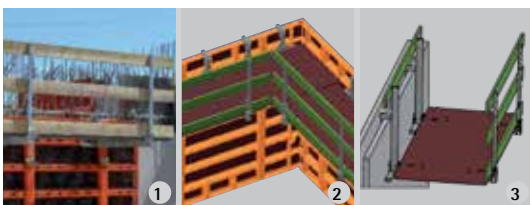
## Concreting platform



Safety at work – make it easy

### Benefits:

- Unfolded and installed quickly as complete part
- No repeated loss and repurchase of timber for boarding and railings
- Wide and safe work area
- Precast wall adapter enables the use of concreting platform at precast wall elements
- Permissible surface load 1.50 kN/m<sup>2</sup>



- 1 Use of concreting platform with formwork: To use the concreting platform on the formwork, the guard railing and the suspending pieces are folded out, and the complete platform can be hung on the formwork.
- 2 Corner solution: Within the systems there is a concreting platform for inside corner posts.
- 3 Precast wall adapter for concreting platform: The precast wall adapter enables the use of concreting platform at precast wall elements. Instead of the fixing piece the precast wall adapter will be mounted to the concreting platform.

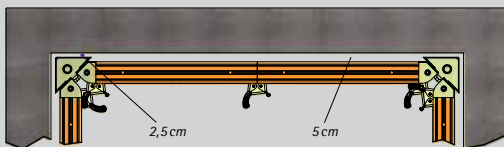
# LOGO.3 Dismantling inside corner post



The movable dismantling inside corner post greatly reduces time required to form and dismantle the inner formwork for lift shafts, stairway cores and structures with tight spaces.

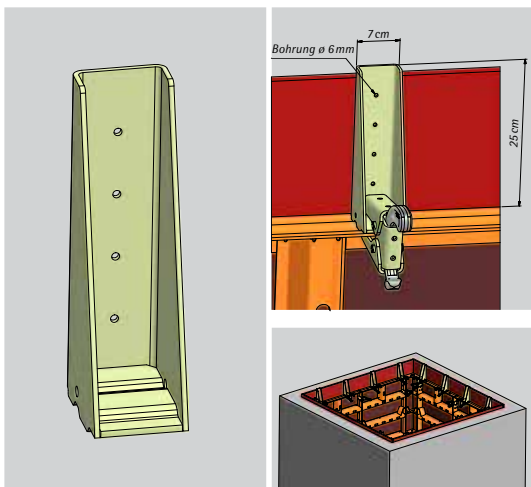
## Benefits:

- Optimized dismantling procedure
- Complete inner formwork can be moved as a whole unit
- Enormous gain of time
- 5 cm dismantling clearance per side



*There is a hexagonal nut at the upper side of the inside corner post which will be turned to dismantle (clockwise) for dismantling and anticlockwise for pushing in right position before concreting. A spanner size 36 or a tie rod DW15 put in the hole of the hexagonal nut will be sufficient for turning.*

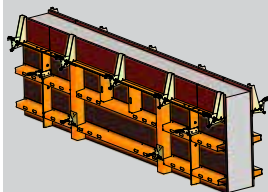
# LOGO.3 Extension bracket 25 cm



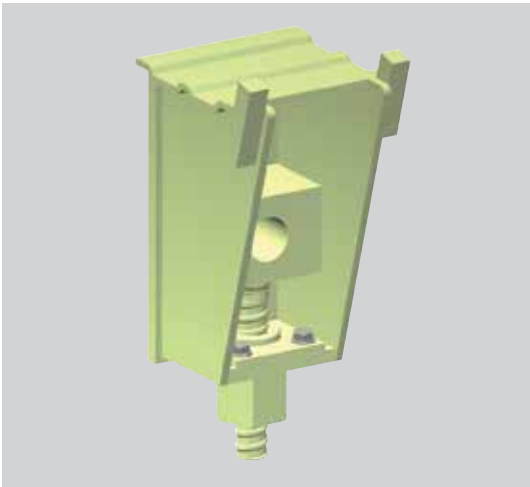
For mounting of plywood stripes for small extensions by site.

## Benefits:

- Available in chromised version for plywood thickness 21 mm and in galvanised version for plywood thickness 27 mm.
- Simple assembly on the upper panel frame of LOGO.3 panels with the wedge clamp.
- Application under close circumstances like shafts where horizontal panels cannot be used or where still a high portion of filler panels despite use of horizontal panels is.
- Replacement for smaller horizontal panel widths if not available in sufficient quantity.
- There are drillings in the extension bracket for mounting of plywood.
- It makes possible extensions up to 30 cm high at a maximal distance of 80 cm between extension brackets.



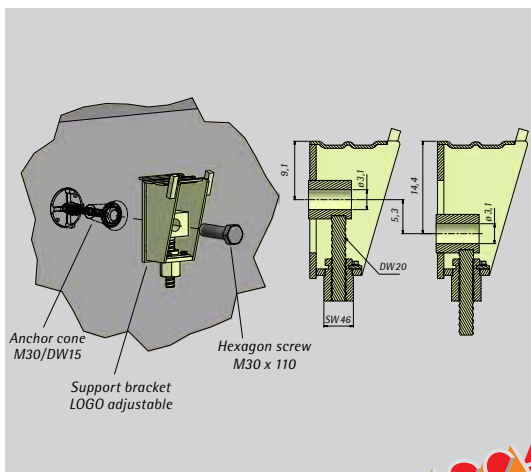
# Support bracket LOGO adjustable



Support of formwork during several concrete steps upwards where no platform shall be used.

## Benefits:

- Admissible vertical load  $V_{adm.} = 15 \text{ kN}$
- Fixing possibility of formwork against lifting with wedge clamp
- Adjustable in height until 5.3 cm.



# LOGO.3 foundation tie clamp



for every foundation width

## Benefits:

- Simple installation with the LOGO.3 wall formwork. The LOGO foundation tie clamp will be attached to the long hole of the LOGO profile without any additional parts.
- Less work space necessary in comparison to assembly with tie rods. Reduced earthwork operations with less excavations and fill-ups.
- Small LOGO.3 panels can also be put in horizontal position as foundation formwork.
- With the use of the foundation tie clamp below the formwork there is no collision with existing reinforcement or other already mounted parts.
- Delivered as roll the perforated tie can be cut at any foundation width.
- Crossing installation is also possible with block foundations.

## Installation sequence:



Insert

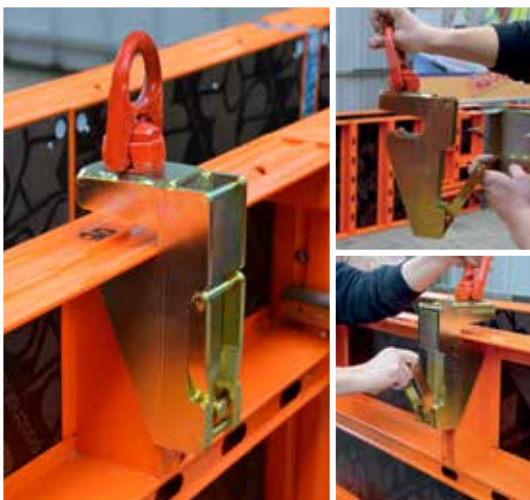
Turn

Final position

*The foundation tie clamp is simple to install:  
Insert in the long hole of the profile – turn – push  
downwards – ready.*

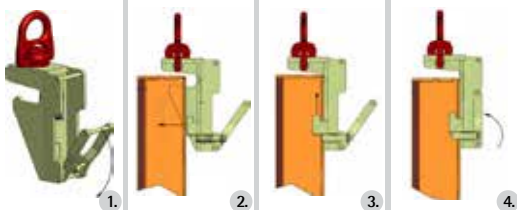
# LOGO.3

## Crane lifting clamp KLHD



Load-bearing equipment for moving single panels of LOGO formwork or pre-assembled panel units.

### Installation sequence:



1. Pull the safety bolt with the lever backwards.
2. Insert the hook into the oblong hole.
3. Move the crane lifting clamp along the cross profile until the base body hits the central beading of the panel frame.
4. Release the lever slowly; the safety bolt is pushed into the oblong hole by the spring force.
5. The crane hook may only be attached to the crane lifting eye!

#### CAUTION!

During handling the lever is under tension (spring force)



# PASCHAL Ident

## Leasing PASCHAL formwork

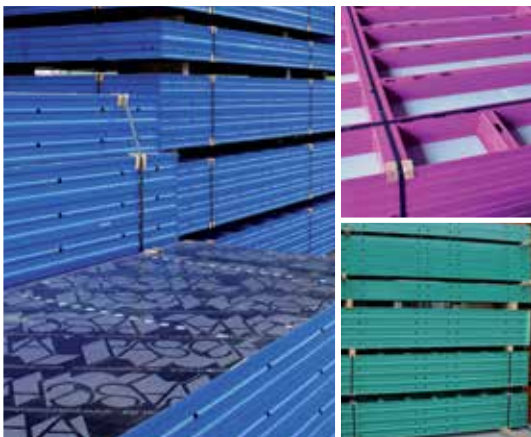
All LOGO.3 formwork panels are equipped with RFID technology (PASCHAL Ident). This guarantees unique identification that cannot be misunderstood and is a requirement for other types of financing such as leasing.

### Benefits:

- Leasing secures and improves assets
- Improves the balance sheet
- Leasing simplifies ongoing rationalisation
- Leasing can be financed from the revenues of the leased goods
- Leasing supports a property-related credit assessment
- Leasing provides a safe basis for calculation
- Leasing enables individual solutions for a particular case



## PASCHAL System formwork in your company colour



Company colours make a big difference in a company's image.

### Benefits:

- Use the marketing and advertising effect with formwork paint according to your corporate design.
- Colours can be chosen from the RAL palette, from a range of a few hundred matt, glossy and metallic colours.
- Hot-dip galvanising is also possible on request



# LOGO alu



– Stable Aluminium formwork  
Can be moved manually – ideal for construction sites without cranes

## Benefits:

- Low weight for manual handling
- Quick panel connection with wedge clamps (only 1.8 kg in weight)
- Solid frame profile for guaranteed sturdiness and longevity
- Panel 90 x 270 cm = only 60 kg weight and 2 tie-points for that height
- Quick accessory fastening on multi-functional cross profiles
- Well-balanced panel selection
- Multi-purpose panel for corners, columns, stop ends
- Compatible with LOGO.3 with steel frame
- Same accessories
- Same functional profiles

## Technical Data:

Panel widths:  
*90/75/60/55/50/45/40/30 cm*

Panel heights:  
*270/135 cm*

Frame depth: *12 cm*

Plywood: *16 mm thick, 12-ply Finnish birch plywood*

Max. concrete pressure: *60kN/m<sup>2</sup> according DIN 18218*

Tolerances of deflection: *According DIN 18202, table 3, line 6*

# LOGO.S

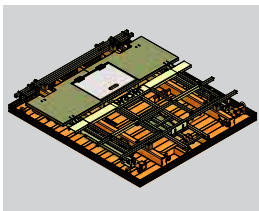
with steel facing



Large-size system for residential and commercial buildings, industrial construction, civil engineering, reservoir construction.

## Benefits:

- Panels with foldable, integrated working platforms and accessories
- Time-saving during assembly
- Panel widths: 90 cm, 135 cm and 240 cm (inside corner post and 5 cm fillers to form corners and different wall thicknesses)
- Inside corner post 25 x 25 x 270 cm to form rectangular wall constructions
- Walls up to 265 cm height with only 0,3 tie-points/m<sup>2</sup> in concrete, due to tie point at edge of the panel frame
- No impressions of bolts or rivet heads → perfect concrete finish
- Stepless height offset of panels is possible easily due to clamp connection
- Completely compatible with LOGO.3





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