KALIP
FORMWORK SYSTEMS · SCAFFOLDING

PRODUCT CATALOG · EN EDITION

FORMWORK SYSTEMS & SCAFFOLDING

A complete overview of Kalip's formwork, scaffolding and shoring solutions — for residential, industrial and infrastructure construction in Poland.

PANEL FORMWORK

MODULAR SCAFFOLDING

SHORING & TOWERS

CLIMBING SYSTEMS

KALIP.PL

21 SYSTEMS · ONE PARTNER

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QUALITY & CERTIFICATES
Standards, ISO, robotic welding

Each system is presented on its own page: application, key features and technical parameters. Photos in this catalog are illustrative and show projects of a similar character; the drawings are simplified Kalip diagrams — exact dimensions and configuration variants are agreed individually with our engineer at the quotation stage.

PANEL FORMWORK

EKOSET

Panel formwork system

01

Economical and lightweight solution

A panel formwork system for columns and shear walls, rated for fresh concrete pressure up to 50 kN/m². Each panel weighs max. 54 kg, so two workers can carry it by hand — no crane required. Ideal for sites without a crane and hard-to-reach locations.

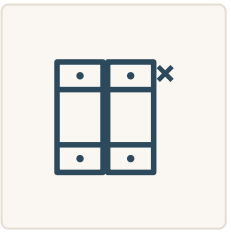
KEY FEATURES

- Panel clamp — very fast and safe assembly and disassembly.
- Accessories: scaffold brackets, working platforms, safety cages, extendable ladders.
- Panels joined with tie rods and clamps — a stable, tight formwork wall.

> Panel widths: 30 / 75 cm · Heights: 120–300 cm



REFERENCE PHOTO — FORMWORK PANELS ON A CONSTRUCTION SITE



ILLUSTRATIVE DIAGRAM — KALIP

GRIDSET

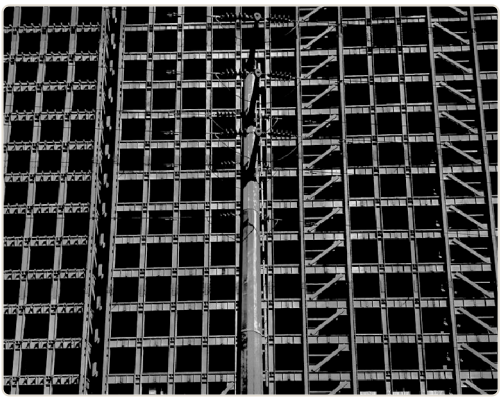
Aluminum formwork system

Flexible formwork system

Gridset is a system suitable for both shoring (slab) and wall formwork — built from lightweight aluminum profiles with strength comparable to steel.

KEY FEATURES

- Same strength as steel, at about 1/3 of the weight.
- Resistant to moisture and rain — longer service life than H20 timber.
- Aluminum profiles are almost 100% recyclable.
- No welding — load-bearing profiles can be spaced freely.



REFERENCE PHOTO — ALUMINUM FORMWORK PROFILES

ILLUSTRATIVE DIAGRAM — KALIP

FRAMESET

Panel formwork system

A professional solution for demanding jobs

The most versatile solution for casting large concrete surfaces — walls, columns, retaining walls — on any type of site. A closed, welded perimeter frame gives the panel uniform strength.

KEY FEATURES

- High quality on large concrete surfaces.
- Rigid, welded frame = uniform strength both vertically and horizontally.
- Fast assembly with dedicated clamps.

> Compliant with TS EN 12812-1



REFERENCE PHOTO — WALL FORMWORK — CLOSED FRAME

ILLUSTRATIVE DIAGRAM — KALIP

CUP-LOCK

Cup-lock scaffolding system

Scaffolding for facade and general works

Vertical standards and horizontal ledgers are joined with a patented cup-lock joint — no bolts or extra parts. One person can assemble it very quickly with an ordinary hammer.

KEY FEATURES

- Assembly and disassembly with a single hammer strike — no bolts.
- One person, no specialist tools needed.
- Robotically welded joints — consistent quality.
- Steel decks with a non-slip surface.

> Compliant with TS EN 12810/12811



REFERENCE PHOTO — ACCESS TOWER — CUP-LOCK JOINT

ILLUSTRATIVE DIAGRAM — KALIP

RINGLOCK

Ring-lock scaffolding system

Multi-purpose scaffolding for industry and construction

Ledgers connect to standards via a cast ring-lock joint (rosette) and wedge — assembled with a single hammer strike. Flexible configuration for irregular shapes; widely used in industry, refineries and shipyards.

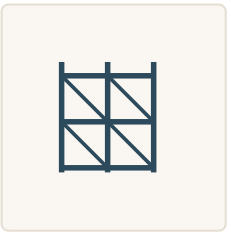
KEY FEATURES

- Ring-lock joint + wedge — fast, secure assembly.
- Cast joints resistant to buckling, high load capacity.
- Hot-dip galvanized version — corrosion resistant.
- Proven in ship repair work at shipyards.

> Compliant with TS EN 12810



REFERENCE PHOTO — INDUSTRIAL SCAFFOLDING — RING-LOCK JOINT



ILLUSTRATIVE DIAGRAM — KALIP

PROPEX

Adjustable aluminum props

Lightweight and durable solutions

An adjustable aluminum prop system — three times lighter than its steel equivalent. Works as a single prop, a shoring tower, or a heavy-duty scaffolding tower.

KEY FEATURES

- Up to 3x lighter than a steel prop.
- High load capacity — up to approx. 160 kN per element.
- Multi-purpose: prop / shoring tower / heavy-duty tower.

> Compliant with EN 1065-1



REFERENCE PHOTO — ADJUSTABLE PROPS ON A CONSTRUCTION SITE

ILLUSTRATIVE DIAGRAM — KALIP

HEAVY LOADING

Heavy-duty load-bearing scaffolding

Towers that speed up the work

A system built from main frames joined by diagonal braces. Used as a table formwork system or as a heavy-duty shoring tower — just 4 frame types cover every height.

KEY FEATURES

- Only 4 frame types for all structure heights.
- Robotically welded frames, powder-coated and galvanized.
- As a table system — easy to move up to the next floor.



REFERENCE PHOTO — HEAVY-DUTY SHORING TOWER

ILLUSTRATIVE DIAGRAM — KALIP

PROPSET

Adjustable slab props

Safe and flexible solutions

A prop system for slab formwork, easy to adapt to slabs of different geometry. Height and spacing adjustment lets you match the system to the slab load.

KEY FEATURES

- Height adjustment — fits any slab geometry.
- Load capacity adjusted through prop spacing.
- Hot-dip galvanizing — high corrosion resistance.

> Compliant with EN 1065



REFERENCE PHOTO — SLAB PROPS ON A CONSTRUCTION SITE

ILLUSTRATIVE DIAGRAM — KALIP

SPECIALTY SYSTEMS

MOBILE ROOF

Movable roof system

09

Refined design and reliable protection

A modular, movable roof system protecting the construction site from adverse weather. Span up to 24 m, usable up to a height of approx. 35 m. A trolley system allows smooth sliding of the roof.

KEY FEATURES

- Span up to 24 m, usable height up to approx. 35 m.
- Trolley system — smooth, controlled movement.
- Flame-retardant tarpaulin, compatible with Ringlock.

> Compliant with TS EN 12811-1



REFERENCE PHOTO — MOVABLE ROOF STRUCTURE

ILLUSTRATIVE DIAGRAM — KALIP

SKYSET

Slab formwork system

Flexible and fast setup

A modern slab formwork system that saves labor time and cost. Elements weigh max. approx. 19 kg — assembled without a crane. Significantly fewer props than classic solutions.

KEY FEATURES

- Very lightweight elements (up to approx. 19 kg) — manual assembly.
- Aluminum primary beams — longer service life than H20 timber.
- Instant stripping thanks to drop heads (approx. 6 cm).



REFERENCE PHOTO — SLAB FORMWORK — TOP VIEW

ILLUSTRATIVE DIAGRAM — KALIP

WOODSET

Formwork with timber beams

Safe and economical solutions

A flexible system based on plywood and steel yokes, used for walls and slabs in industrial and residential construction, also as single-sided formwork.

KEY FEATURES

- Panels made to custom size, with adjustable spacing.
- Load capacity up to 60 kN/m² (columns, up to 18 m) and 50 kN/m² (walls, up to 12 m).
- Smooth, even concrete surface; curved formwork is possible.



REFERENCE PHOTO — PANELS WITH WOODEN ELEMENTS

ILLUSTRATIVE DIAGRAM — KALIP

MODSET

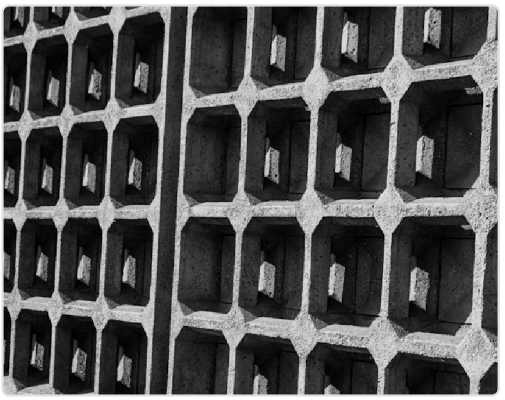
Modular formwork system

Universal modular formwork — walls and columns

A modular panel system faced with plywood or steel sheet, for wall and column formwork in housing and infrastructure construction. Compatible with climbing and circular formwork solutions.

KEY FEATURES

- Resistant to concrete pressure up to 80 kN/m².
- Panels carried by hand or moved in blocks by crane.
- Variants: straight, round, climbing and adjustable walls/columns.



REFERENCE PHOTO — MODULAR PANEL SYSTEM

ILLUSTRATIVE DIAGRAM — KALIP

CLIMBSET W

Climbing consoles

A solution for tall structures

A climbing console system for constructing tall, repetitive reinforced-concrete elements — elevator cores, stairwells, towers. A double working platform ensures safety at height.

KEY FEATURES

- The console “climbs” as construction progresses — no need to dismantle between floors.
- Double-level working platform.
- Fast concreting cycle for successive floors.



REFERENCE PHOTO — CLIMBING CONSOLES — REINFORCED CONCRETE STRUCTURE



ILLUSTRATIVE DIAGRAM — KALIP

SKYSET ALU

Aluminum shoring formwork

Flexible and fast setup

An all-aluminum variant of the Skyset system. Panels can be stripped as early as day 4 and moved up to the next floor, significantly reducing the cost of slab formwork in tall buildings.

KEY FEATURES

- Stripping as early as day 4 — a faster construction cycle.
- Fully aluminum, lightweight and durable construction.
- Assembly without connectors; fast stripping via drop heads.



REFERENCE PHOTO — ALUMINUM SLAB FORMWORK



ILLUSTRATIVE DIAGRAM — KALIP

EVENT

Stage / event scaffolding

Structures for concerts, festivals and events

A system designed for concerts, festivals, trade fairs and large temporary structures. Its modular construction allows stages, grandstands, roofs and access towers to be built.

KEY FEATURES

- Modularity: stages, grandstands, roofs, towers, booths.
- Lightweight, high-strength elements.
- AENOR certified, compliant with TS EN 12810-1 and EN 74-5.



REFERENCE PHOTO — GRANDSTAND AND EVENT-ROOF STRUCTURE

ILLUSTRATIVE DIAGRAM — KALIP

CLIMBSET W · WINDSCREEN

Wind protection system

Protecting work at height from wind and weather

Wind screens that reduce wind speed at the building facade, protecting against adverse weather conditions. The climbing mechanism can cover 3–4 floors at once.

KEY FEATURES

- Reduces wind speed at the facade.
- Hydraulic or manual installation, compatible with various facades.
- Reduces weather-related downtime.



REFERENCE PHOTO — WIND SCREEN ON A FACADE



ILLUSTRATIVE DIAGRAM — KALIP

TRANSFER PLATFORM

Material transport to height

A safe and flexible transport solution

Facilitates safe and fast transport of construction materials to successive floors of tall buildings. Full guards and safety nets protect regardless of height.

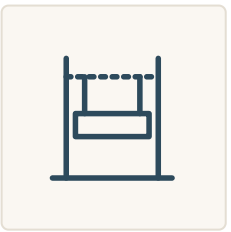
KEY FEATURES

- Safe transfer of materials to upper floors.
- Full guards and safety nets.
- Improves crane operation and site logistics.

> Example size: 3.5 × 5.0 m · capacity up to approx. 5000 kg



REFERENCE PHOTO — MATERIAL HOIST TOWER ON SITE



ILLUSTRATIVE DIAGRAM — KALIP

SAFETY NET

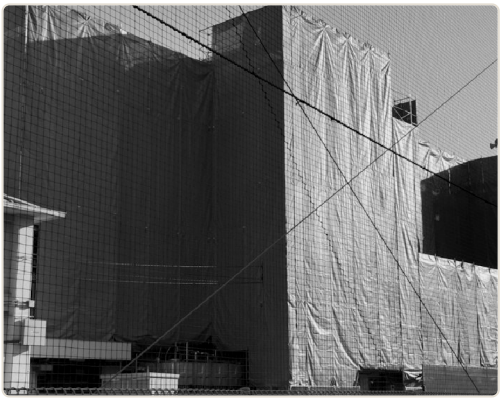
Helpset Safety Net

Advanced, configurable site protection

A specialized solution protecting against falls from height and falling objects. A configurable design protects workers and bystanders around the site.

KEY FEATURES

- Full protection against falls and falling objects.
- Lightweight, portable construction — easy maintenance.
- Two variants: standard net (V) and tower shroud (C).



REFERENCE PHOTO — SAFETY NET PROTECTING A BUILDING



ILLUSTRATIVE DIAGRAM — KALIP

PIPE-RACK

Suspended scaffolding

Access where ground-supported scaffolding isn't possible

An industrial suspended scaffolding system for installation work in locations inaccessible from the ground — e.g. pipe racks at petrochemical plants and refineries.

KEY FEATURES

- Access where ground-based scaffolding is impossible.
- Suspended from steel structures with dedicated clamps.
- Used in the petrochemical and refining industry.

> Compliant with BS 8473, TS-EN 12811 and TS-EN 74



REFERENCE PHOTO — PIPE RACK AT AN INDUSTRIAL PLANT



ILLUSTRATIVE DIAGRAM — KALIP

EUROSCAF

Facade scaffolding

Safe scaffolding, safe construction sites

A facade scaffolding system joined by hydraulic pressing, with the remaining connections fully robotically welded. It can be safely erected to a height of approx. 172 m.

KEY FEATURES

- Facade height up to approx. 172 m (when anchored to the wall).
- Frame connections made by hydraulic pressing.
- Fully robotic welding — consistent quality.

> Tubes 48.3 × 3.2 mm · TS EN 12810/12811



REFERENCE PHOTO — FACADE SCAFFOLDING

ILLUSTRATIVE DIAGRAM — KALIP

FLEXSET

Aluminum panel formwork

A versatile formwork solution

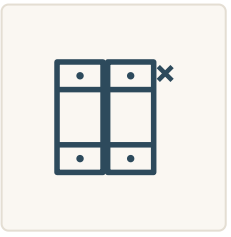
A new-generation aluminum panel system for column and wall formwork. Strength comparable to steel at half the weight; requires no painting or galvanizing.

KEY FEATURES

- Same strength as steel, half the weight.
- 100% of the material is recyclable.
- Aluminum corner wedges — easy, safe stripping.



REFERENCE PHOTO — NEW-GENERATION ALUMINUM PANEL FORMWORK



ILLUSTRATIVE DIAGRAM — KALIP

QUALITY & SAFETY

Quality and certificates



All formwork and scaffolding systems in the Kalip range are manufactured under **ISO 9001, ISO 14001 and ISO 45001** quality management systems. The systems themselves are designed and tested in accordance with European technical standards. Steel components are joined using fully robotic welding processes, and versions intended for demanding environments (industry, marine settings, high humidity) are available hot-dip galvanized.

QUALITY MANAGEMENT

ISO 9001 / 14001 / 45001

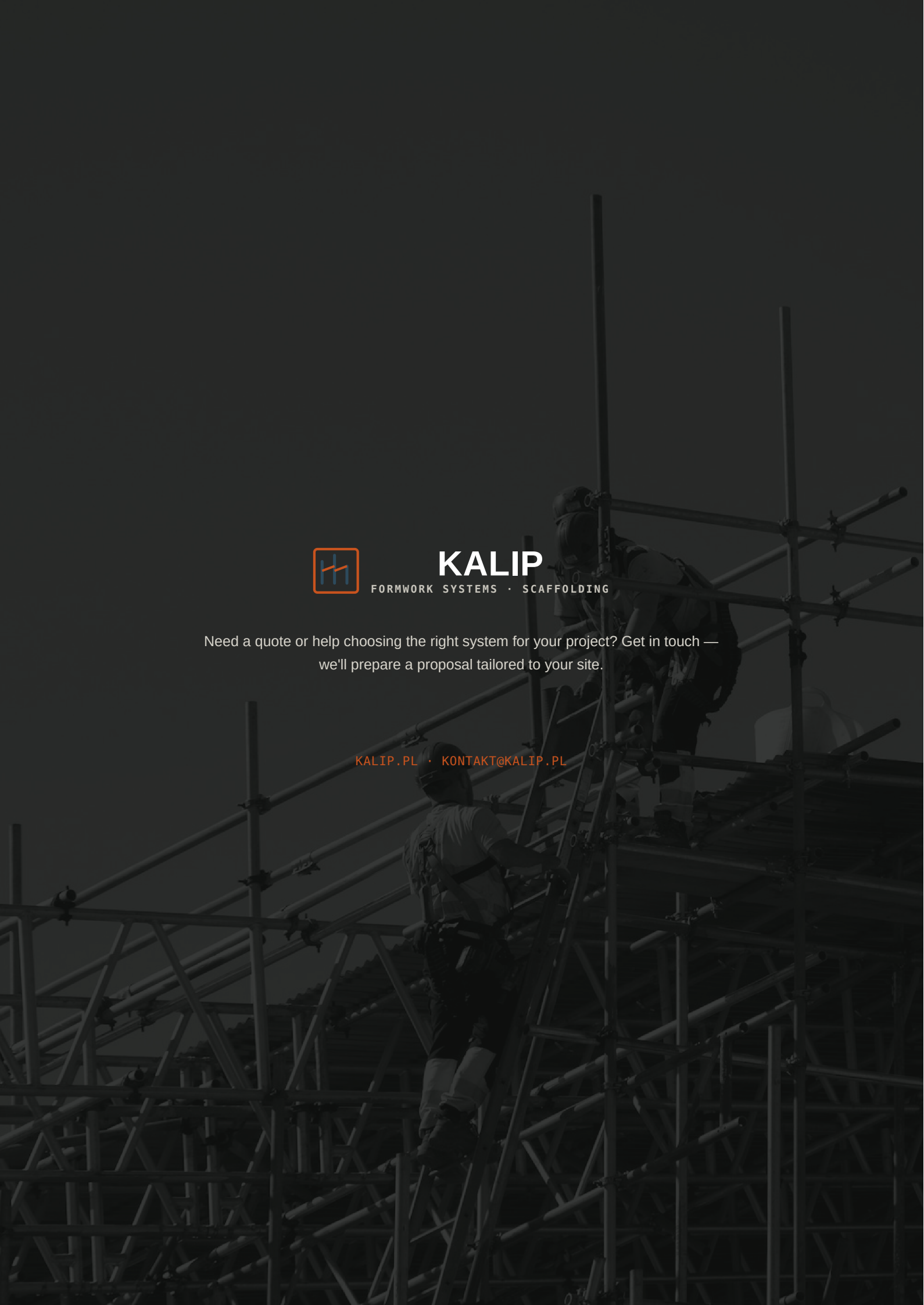
PRODUCTION

Robotic welding

CORROSION PROTECTION

Hot-dip galvanizing

TS-EN 12810-1 · TS-EN 12811 · TS-EN 12812-1 · TS-EN 12813 · ISO 3834-2 · EN 1065 · BS 8473 · TS-EN 74



KALIP

FORMWORK SYSTEMS · SCAFFOLDING

Need a quote or help choosing the right system for your project? Get in touch — we'll prepare a proposal tailored to your site.

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