



# NOE Feather- light panels



# At a glance

## NOE manual formwork and its advantages

Learn about the many advantages that ensure our manual formwork systems will prove their worth every day on your construction site.

### 01 Featherlight



A lightweight formwork system that withstands the everyday stresses and strains of robust use on site.

**01**

---

### 02 Robust



Strengthened corner castings for damage-free setting up, adjustment and release.

**02**

---



03

### 03 Strong



Concrete pressures up to  $60 \text{ kN/m}^2$ . Our manual formwork can almost match the strength of large steel-frame panels.

04

### 04 Versatile



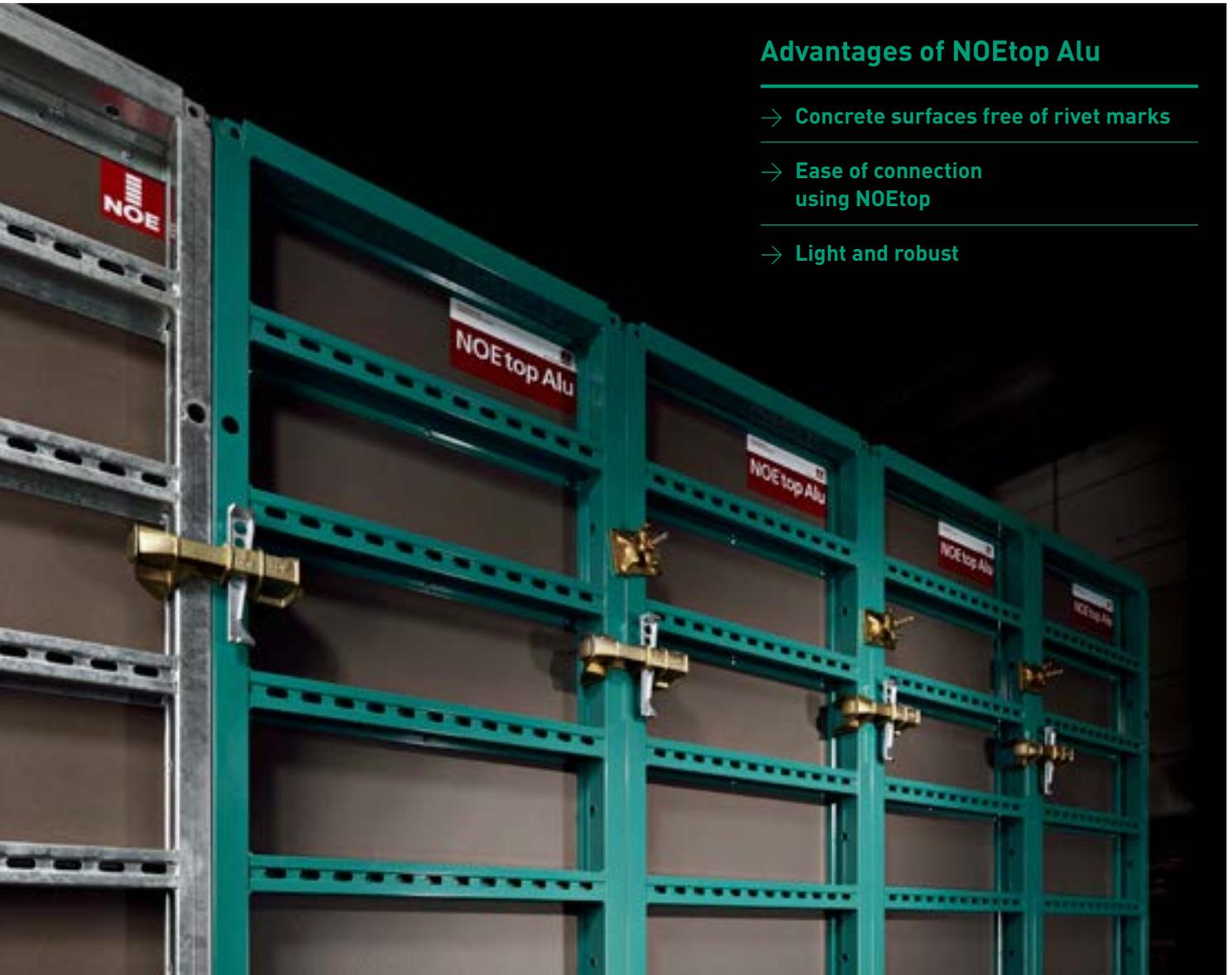
Panel dimensions that lead to the correct solution in almost every situation, no matter how tricky.



You can find more information about this here [www.noe.eu](http://www.noe.eu)

# Concrete in top form

## NOEtop Alu



### Advantages of NOEtop Alu

- Concrete surfaces free of rivet marks
- Ease of connection using NOEtop
- Light and robust

#### Outstanding concrete quality

High-quality concrete surfaces can be created using NOEtop Alu because the facing is screwed on from behind. As a result, no rivet impressions are left in the concrete surface.

#### Compatibility with NOEtop systems

NOEtop Alu can be easily combined with other NOEtop systems, offering maximum flexibility and versatility.



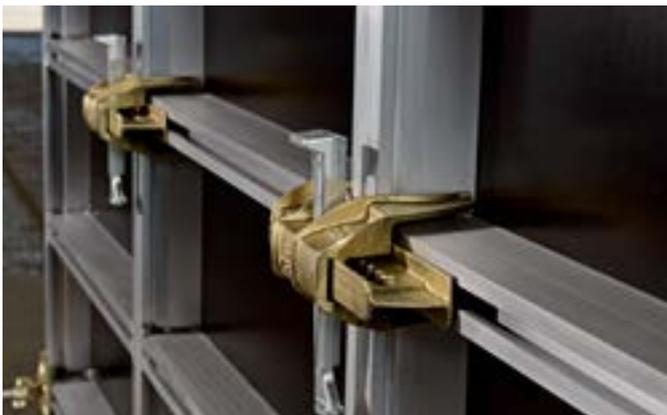
# Lightness saves costs

## NOEalu L



### Advantages of NOEalu L

- Lightweight compared to other manual formwork systems
- Cost-effective
- Specially designed for difficult-to-access building sites



### Cost-effective and particularly lightweight system

NOEalu L panels are among the lightest systems on the market.

### NOE Alulock connections

The Alulock can accommodate a compensation piece of up to 100 mm width and ensures tight joints and a flowing panel alignment. The Alulock is simply and quickly installed, thanks to its ergonomic design.

# Featherlight Carried not craned



## Direct advantages

- Best weight to service life ratio
- Effortless transport thanks to lightweight design
- No crane or other machinery required
- Time and labour savings

# The extremely light panels can be moved around quickly and easily by hand.

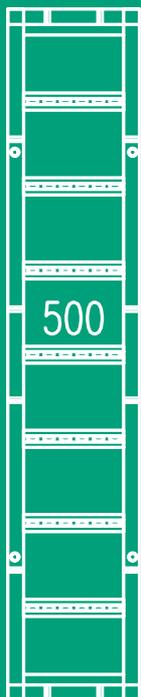
## Time savings on site

Our manual formwork is the ideal solution for sites without a crane. The lightweight panels allow almost all formwork elements to be moved with little effort by hand. Even the largest panels with dimensions of 900 mm x 2750 mm can be manually transported. The resulting savings in time and labour lead to a more efficient way of working on site.

## Light and ergonomic

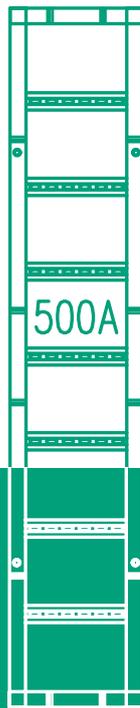
Low weight is not the only great plus point of this system; there is also its ergonomic design. The lightweight construction leads to reduced element weights. The panels are designed to be easy to handle.

**NOEtop**  
**100 %**



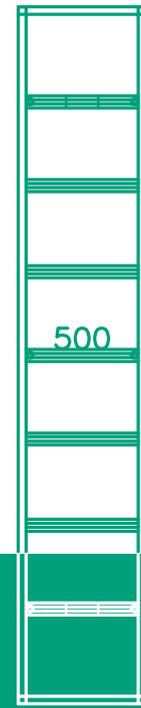
Panel weight per m<sup>2</sup>  
80.08 kg

**NOEtop Alu**  
**42 %**



Panel weight per m<sup>2</sup>  
33.36 kg

**NOEalu L**  
**32 %**



Panel weight per m<sup>2</sup>  
25.6 kg

# Cast corners Reduced damage

## Low risk of damage

The robust cast corners not only ensure excellent robustness, they also make handling easier. Formwork panels may often be damaged during setting down or by the use of pry bars. The cast corners reduce the risk of this happening.

## Optimum insertion point

The cast corners provide an optimum insertion point for pry bars during stripping.



## Direct advantages

---

- Ease of transport and positioning
- Optimum insertion point for pry bars
- Low risk of damage when setting down, aligning, adjusting or releasing
- Designed for long-term use

# Challenging projects? No problem!



## Direct advantages

- High load capacity of up to 60 kN/m<sup>2</sup>
- Ideal for tricky building projects

## Resists concrete pressures

Despite their light weight, our manual formwork systems can resist high concrete pressures. Our panels have an allowable concrete pressure capacity of up to 60 kN/m<sup>2</sup> and are therefore an optimum choice for construction

projects with high loading requirements but no crane available, or the access to the installation location on site is difficult.

**Versatile**  
Suitable for every situation



# High load capacity and flexibility allow its use in almost all fields of construction.

## Foolproof operation

NOEalu L and NOEtop Alu are lightweight manual formwork systems that can be used to provide formwork for almost any project, be it garden walls, supporting beams, retaining walls or foundations. Both formwork systems are especially suitable for challenging construction projects or sites where access is difficult.

## Flexible installation

Stabilizers and platform support brackets can be installed at any height on the formwork elements as required for site operations. The system is quickly and easily installed and requires only a hammer. The wide range of available panels, corner elements and accessories make the formwork systems extremely adaptable and easy to handle.



- 1 Low ceiling heights
- 2 Small garden wall with surface relief
- 3 Concreting in underground chambers

## Direct advantages

- Outstandingly suitable for challenging construction projects with limited access
- Time savings from easy and safe installation
- Flexible positioning at horizontally and vertically aligned profiles

# Quick wall openings

## NOE WinDoor



### The advantages of WinDoor

- Time savings from easy stripping in one piece
- Sustainable use of resources
- Fewer individual parts on site
- Time and labour savings

# The reusable wall opening formwork is immediately ready for the next pour.

## Reusable for ongoing projects

Unlike specially fabricated wall opening solutions, WinDoor can be reused many times. The opening formwork remains assembled after each use and can be installed in further pours without any alteration.

## Operations take less time

WinDoor elements are simple to-use. They are quick and easy to install and can be removed without time-consuming disassembly. This greatly reduces the time taken for such operations, thus saving time, personnel and material costs.

## Easy to use

Due to their straightforward construction and ease of assembly, NOE WinDoor elements offer a highly cost-effective solution, in particular for projects with many identical openings. The opening formwork can be flexibly adjusted for different widths, heights and wall thicknesses and can be combined with any wall formwork. The telescopic props and struts allow precise adjustment of door and window openings.



**NOE-Schaltechnik****Georg Meyer-Keller GmbH + Co. KG**

Kuntzestr. 72  
73079 Süssen, Germany  
Tel. +49 7162 13-1  
info@noe.de  
www.noe.eu

**Belgium**

NOE-Bekistingtechniek N.V.  
Leuvensesteenweg 613  
1930 Zaventem, Belgium  
info@noe.be  
www.noe.eu

**France**

NOE-France  
Depot Central  
7 rue Maurice Bellonte  
02100 Saint Quentin, France  
info@noefrance.fr  
www.noe.eu

**Netherlands**

NOE-Bekistingtechniek b.v  
Postbus 25  
4240 CA ARKEL, Netherlands  
info@noe.nl  
www.noe.eu

**Austria**

NOE-Schaltechnik GmbH & Co KG  
Trientlgasse 25  
6020 Innsbruck, Austria  
noe@noe-schaltechnik.at  
www.noe.eu

**Poland**

NOE-PL Sp. z.o.o.  
ul. Jeziorki 84  
02-863 Warszawa, Poland  
noe@noe.pl  
www.noe.pl

**Switzerland**

NOE-Schaltechnik GmbH  
Nordringstrasse 28  
4702 Oensingen, Switzerland  
info@noe.ch  
www.noe.eu