INFRA-KIT®

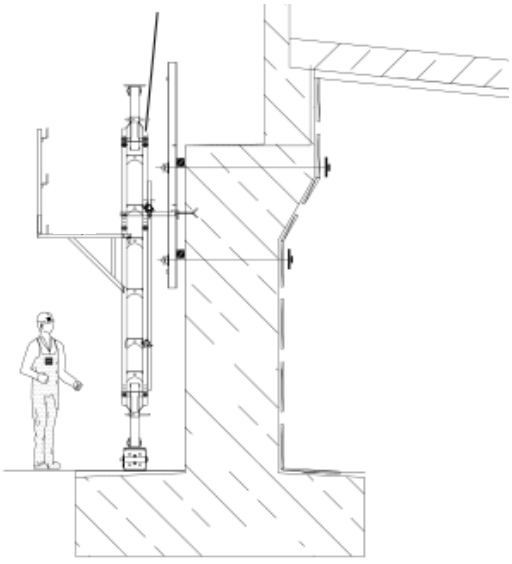
INFRA-KIT is a modular system for infrastructure projects. It offers maximum flexibility with a minimal number of required system parts.

At Work For You™

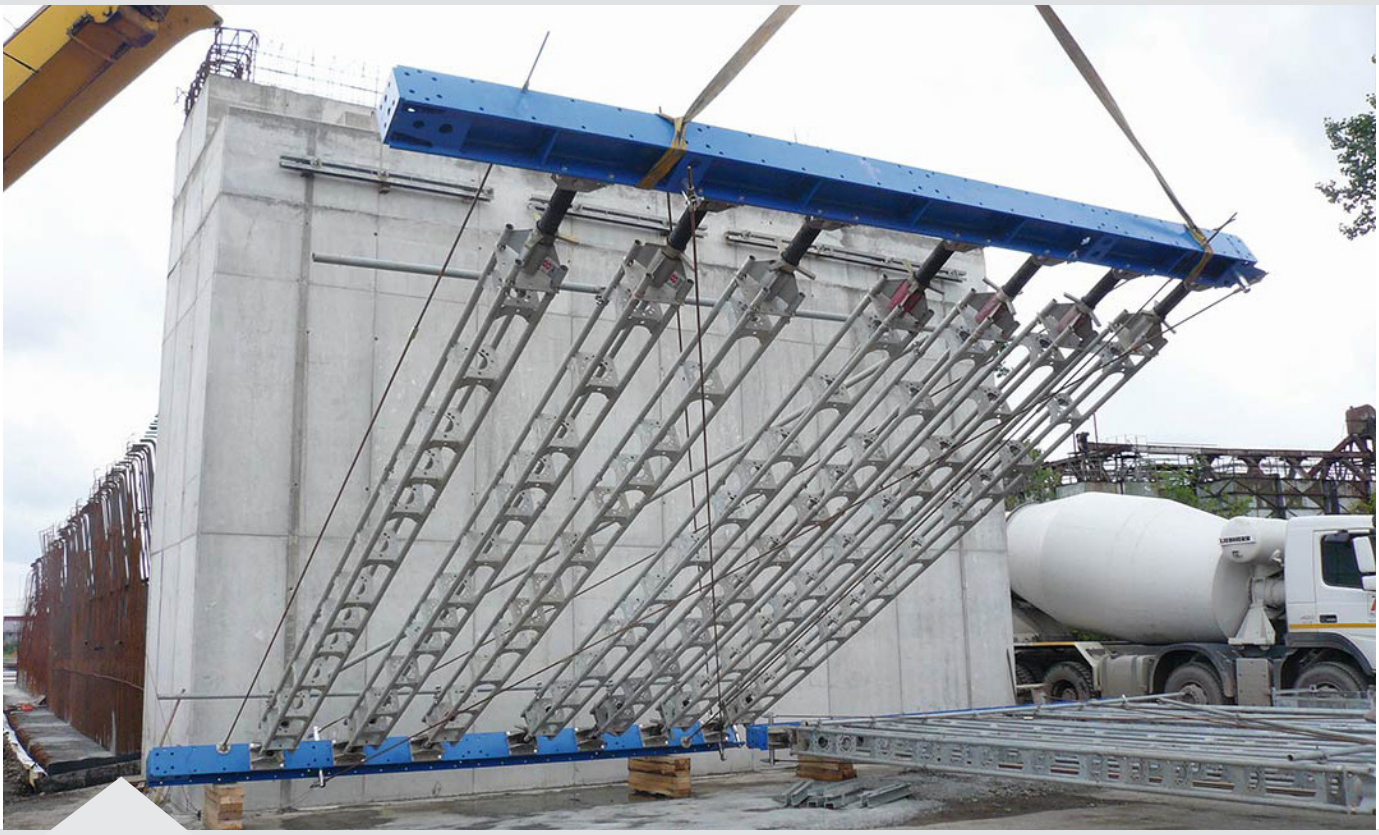
Aluma SYSTEMS
BY BRAND SAFWAY

Robust & Durable

INFRA-KIT is available in three versions: INFRA-KIT L & M are ideal for light and moderately heavy applications; INFRA-KIT H is suitable for carrying the heaviest loads. High level of working safety by using standard walkway brackets and PROTECTO or MODEX side protection



INFRA-KIT®



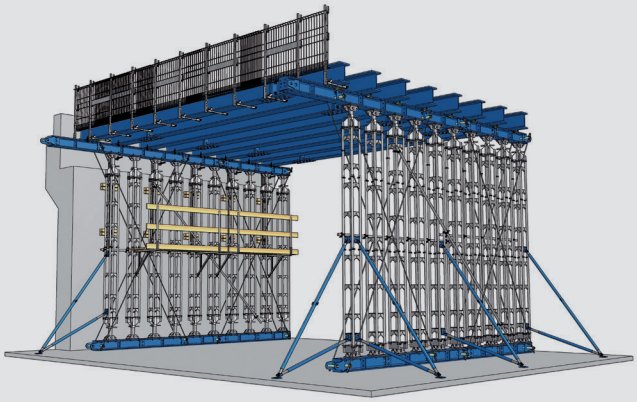
High load capacity thanks to the load-optimised system components. Numerous connections for adapters and compensating connectors enable articulated or rigid connections and increase the variety of shapes to be produced.

Product Benefits

INFRA-KIT®
Economic infrastructure construction with few system components and low planning effort
Load-optimised system components can transfer light, medium and heavy loads.
Pre-assembly possible – greater efficiency especially in confined spaces
Quick and easy installation thanks to pluggable fasteners and captive centring bar
Suitable for every application: All three load classes have beams in different lengths.
L and M system parts can be combined with the H system.
Easy insertion of tie rods for the formation of diagonal braces
All materials consist of hot-dip galvanised steel.

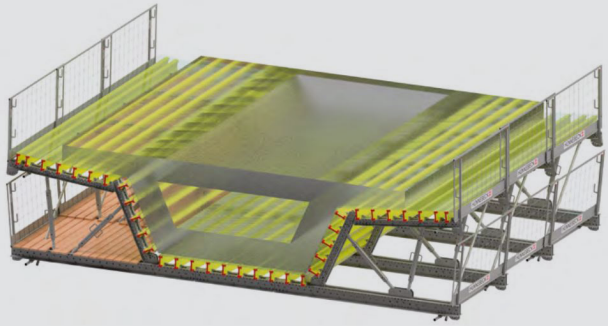
INFRA-KIT®

Key Features



INFRA-KIT H

Thanks to the large load capacity, even wide-span passages and high supporting structures can be easily implemented.



INFRA-KIT L and M

are used, for example, for the erection of trusses and transfer light and medium loads from a wide range of formwork or building geometries.

Technical Data

INFRA-KIT H beam	Heavy-duty support system
Fields of application	Tunnel construction; bridge and civil construction
Lengths of yoke beams	62 I 175 I 300 I 450 I 600 cm
Lengths of load-bearing frame props	50 I 75 I 100 I 150 I 200 cm
Load	Up to 210 kN load capacity per support
Beam connections	Beam joint with connecting bolts (18% flexural strength) Beam joint with screws (37% flexural strength) Beam joint and yoke beam lug with screws (83%) Butt plate joint with screws
Vertical supports	Load frame support I INFRA-KIT beam I MkII beam I MODEX HD tower
Base/head pieces	Load spindle 2 I articulated foot piece
Spindle range	0 – 30 cm I or 0 – 60 cm (for two load spindles)
Inclination adjustment	0° to 10°
Typical application height	1.0 – 16.0 m (higher with separate structural analysis)
Corrosion protection	Fully hot-dip galvanised
Accessories	Among other things: Centring bar and clip I abutment clamping device I beam clamp I walkway bracket and post I wall strut

INFRA-KIT L beam	for light applications
Fields of application	Tunnel construction; bridge and civil construction
Lengths of walers	100 I 125 I 150 I 200 I 250 I 300 I 350 I 400 I 450 I 500 I 550 cm
Waler connectors	Connectors to walers or spindles with or without additional spindle connection
Bolts	Load dependent Ø 16 and Ø 20
Spindle lengths	Spindles for light and heavy loads available; from 50 cm to 480 cm in different extension lengths.
Corrosion protection	Fully hot-dip galvanised
Accessories	Connection options to side protection systems, scaffold tubes and wheels.

INFRA-KIT®
Technical Data

INFRA-KIT M beam	for moderately heavy applications
Fields of application	Tunnel construction; bridge and civil construction
Lengths of walers	150 I 200 I 250 I 300 I 350 I 400 I 450 I 500 I 550 I 600 cm
Waler connectors	Connectors to walers or spindles with or without additional spindle connection
Bolts	Load dependent Ø 20 and Ø 25
Spindle lengths	Spindles for light and heavy loads available; from 50 cm to 480 cm in different extension lengths.
Corrosion protection	Fully hot-dip galvanised
Accessories	Connection options to side protection systems, scaffold tubes and wheels.

INFRA-KIT® Integrates with:

- PROTECTO side protection
- MODEX side protection
- Load frame support

Application & Use

- Tunnel construction
- Bridge and civil construction
- Renovation
- Heavy-duty towers
- Temporary passages
- Solid slabs