

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

HÜNNEBECK 

BY BRAND SAFWAY

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.

► Product benefits

Economical

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

Safe

High level of working safety by using standard walkway brackets and PROTECTO or MODEX side protection

Quick

Fast and straightforward assembly due to plug connecting components and secured centering bar

Versatile

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

Numerous connections for adapters and compensating connectors enable articulated or rigid connections and increase the variety of shapes to be produced

Easy insertion of tie rods for diagonal bracing

Strong & durable

All materials consist of hot-dip galvanised steel



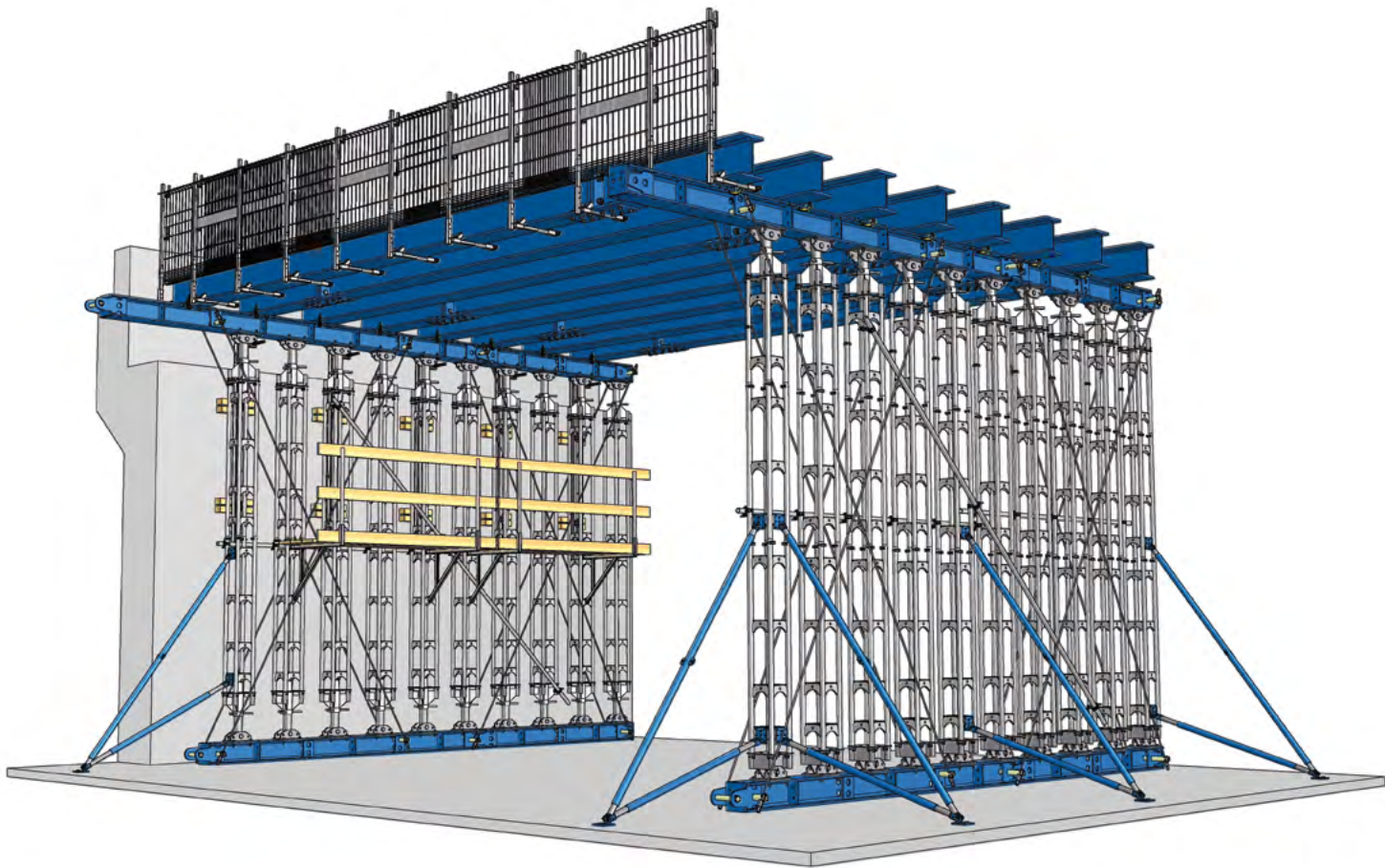
► High load-capacity due to the load-optimised system parts

► Technical data

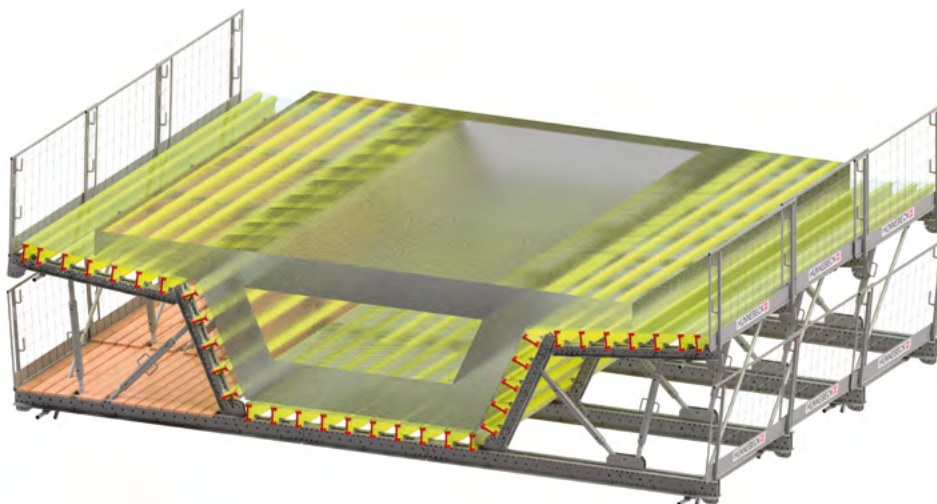
INFRA-KIT L beam	For light applications
Fields of application	Tunnel construction; bridge and civil construction
Lengths of walers	100 125 150 200 250 300 350 400 450 500 550 cm
Waler connectors	Connectors to walers or spindles with or without additional spindle connection
Bolts	Load dependent Ø 16 and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

INFRA-KIT M beam	For moderately heavy applications
Fields of application	Tunnel construction; bridge and civil construction
Lengths of walers	150 200 250 300 350 400 450 500 550 600 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 galvanised
Accessories	Connection options to side protection systems, scaffold tubes and wheels

INFRA-KIT H beam	Heavy-duty shoring
Fields of application	Tunnel construction; bridge and civil construction
Main beam lengths	62 175 300 450 600 cm
Lengths of load-bearing frame props	50 75 100 150 200 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% bending strength) Beam joint with beam joint plate and screws (83%) Butt plate joint with screws
Vertical supports	Load-bearing frame prop INFRA-KIT beam MkII soldiers MODEX HD Tower
Support connections	Prop jack-2 Pin-jointed base plate
Spindle range	0 cm – 30 cm resp. 0 cm – 60 cm (with two prop jacks)
Angular compensation	0° to 10°
Application above ground	1.0 – 16.0 m (higher with separate structural analysis)
Corrosion protection	Fully galvanised
Accessories	Among others: Centring bar and clip abutment clamping device beam clamp walkway bracket and post wall strut



► 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.

Application & use

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

INFRA-KIT® integrates with

- › PROTECTO side protection
- › MODEX side protection
- › Load-bearing frame prop



If you would like to find out more, take a look at our video.