

# HAKI Universal

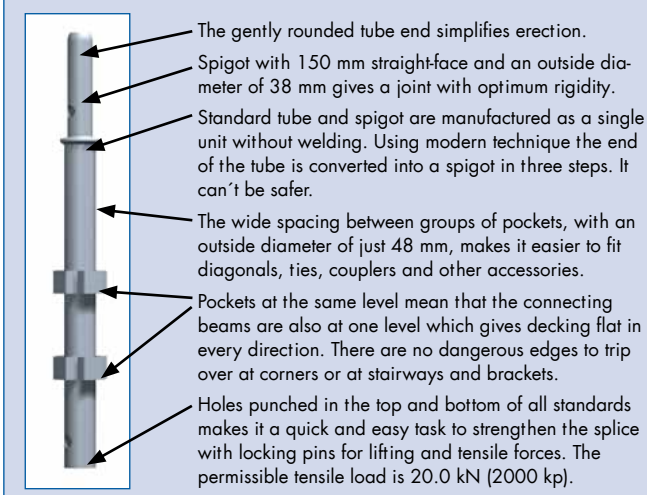
HAKI Universal is a modular scaffolding for all types of applications, from the simple to the complicated. Suitable for even advanced constructions in building projects, industries, shipyards, offshore installations and refineries.

The scaffolding system is particularly flexible with respect to bay size and load class and is compatible with HAKI Ram and earlier HAKI generations. Type Examination Certificate in accordance with the requirements of AFS 1990:12 and SS-HD 1000 – Certificate No. 14 55 01 – for load classes 1–6 (0.75–6.0kN/m<sup>2</sup>).

The accessories programme consists of a range from brackets, ladders and stairs to components for suspended scaffolding. The components can also be used for erection of stair towers, mobile towers, sign towers, stages, stands and other temporary constructions and be included in HAKITEC Weather protection systems.

## Designed standard

HAKI standard is designed to meet all current European regulations, directives and standards, and is ideally suited to modern scaffolding methods and production techniques.



## Patented spring locking catch

The spring locking catch makes the erection easy and safe.

The spring locking catch is primarily designed for manual locking. The catch can be moved easily with the thumb to a distinctly locked or unlocked position.

The spring locking catch makes it possible to erect from distance.

There is no risk of any moving parts of the construction jamming as a result of painting, blasting and corrosion.



## Easy identification

Horizontals and diagonals are marked with their modular dimensions (cc size standards) and colour code. The marking is an excellent means of identification when erecting and handling the scaffolding materials.

700	1964
770	2357
1010	2500
1050	3050
1250	3650
1655	4050

## Available in two alternatives

Galvanized – for long-term surface protection

Aluminium – lowest weight

**Universal**  
Load classes 2-6  
Bay width: 700, 770, 1050, 1250, 1655 mm  
Decking: Decking unit, steel plank, aluminium plank

**Continental**  
Load classes 1-4  
Bay width: 700 and 1010 mm  
Decking: Decking unit, steel plank, aluminium plank

**Bricklayer's scaffolding**  
Load classes 2-6  
Bay width: 1250 and 1655 mm  
Decking: Wooden and Al grating

**Industry/shipyard/offshore**  
Suspended scaffolding. Permissible tensile load in standards 20.0 kN  
Decking: Decking unit, steel plank, aluminium plank

**Stair tower**  
Bay size: 1655x3050 mm  
Only in steel

**UTV stair**  
Bay length: 2500 and 3050 mm

**Mobile tower**  
**Sign tower**  
**Stage**  
**Stand**  
**Other temporary constructions**

## COMPONENTS

<b>Standard</b> Tube diameter 48 mm Standard joint with top Pockets at the same level <b>Length</b> 500 - 1000 - 1500 - 2000 - 3000 mm	<b>Single tube beam</b> With spring locking catch. Tube diameter 48 mm <b>Modular size (cc)</b> 700 - 770 - 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Ledger beam</b> With spring locking catch. Tube diameter 34 mm <b>Modular size (cc)</b> 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Guardrail frame</b> With spring locking catch <b>Modular size (cc)</b> 700 - 770 - 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Guardrail</b> With spring locking catch. Tube diameter 34 mm <b>Modular size (cc)</b> 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Safety Gate</b> With net, continuously adjustable in height <b>Modular size (cc)</b> 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm
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## COMPONENTS

<b>Decking unit</b> Aluminium, load class 3 (2.0 kN/m <sup>2</sup> ) Width 600 and 400 mm <b>Modular size (cc)</b> 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Steel plank</b> SPL 1050 - 2500 load class 6 (6.0 kN/m <sup>2</sup> ) and SPL 3050 load class 5 (4.5 kN/m <sup>2</sup> ) <b>Modular size (cc)</b> 1050 - 1250 - 1655 - 1964 - 2500 - 3050 mm	<b>Wooden grating</b> Grating 1400 load class 6 (6.0 kN/m <sup>2</sup> ) Grating 1950 load class 5 (4.5 kN/m <sup>2</sup> ) <b>Length</b> 1400 and 1950 mm, width 485 mm	<b>Toeboard and toeboard clip</b> Toeboard wood Company name can be printed Clip in plastic or galvanized	<b>Tie rod tube + coupler</b> Tube diameter 48 mm Right angle coupler 48x48 mm	<b>Diagonal brace</b> With wedge junctions <b>Modular size</b> 1250 - 1655 - 1964 - 2500 - 3050 mm
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## COMPONENTS

<b>Stair UTV</b> Stair and handrail in aluminium or galvanized <b>Modular size</b> 2500 and 3050 mm	<b>Stair</b> Aluminium For decking unit with trapdoor	<b>Bracket</b> Without spigot for inside erection <b>Width</b> 230 - 400 - 460 - 600 mm	<b>Bracket</b> With spigot for outside erection <b>Width</b> 514 - 720 mm	<b>Base jack</b> Adjustable 55-570 mm	<b>Locking pin</b> For locking standard joint at suspended scaffolding, lifting or scaffolding for weather protection	<b>Various accessories</b> Castor wheel and stabilizer for mobile tower Suspension device for suspended scaffolding Beam rider and Puncneon unit for special solutions Hakitainer for storing and transport
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