

BOSTA[®] 100

The BOSTA 100 steel frame scaffold system is the trusted solution when it comes to great heights and high loads up to load class 6.



At Work For You

HÜNNEBECK 

BY BRAND SAFWAY

This 100 cm wide frame scaffold system provides plenty of room to manoeuvre, copes with high loads and masters extreme heights.

► Product benefits

Quick

Quick and easy one-man assembly without tools due to manual connection technology of the frames, guardrails, diagonals and toe boards

Safe

BOSTA 100 allows safe working and temporary storage at height even in limited space

Railing post MGR for safe erection of scaffolds

Passage frame for safe and unhindered scaffolding works in pedestrian areas

Easy handling

More space to move and store materials thanks to the greater system width

Easy connections with no need for tools due to gravity pins

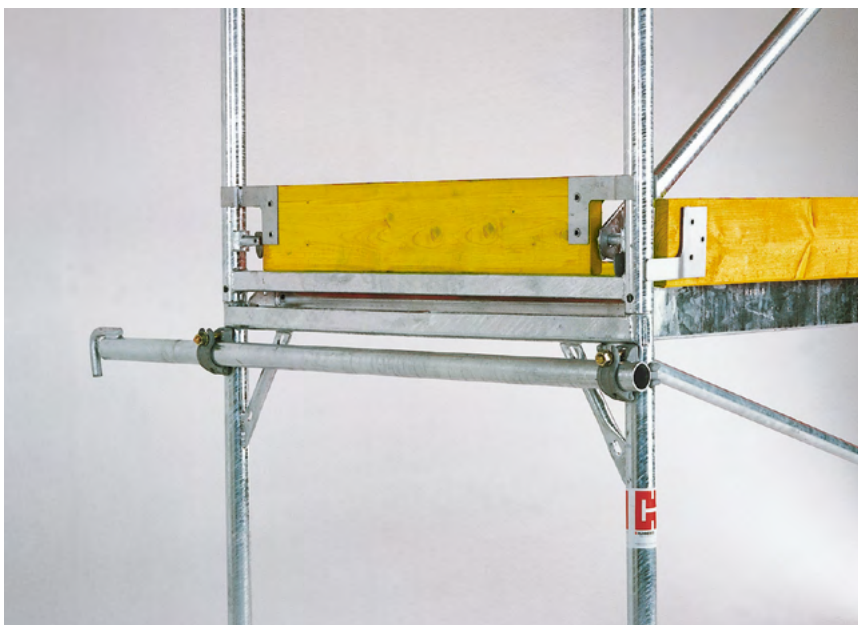
Versatile

High up – also the standard design is applicable for heights up to 24 m

Optimal use as a working scaffold for heavy loads (max. area load up to 600 kg/m²)

Strong & durable

Robust and durable system parts as a result of the complete hot-dip galvanisation



► Robust and durable system parts as a result of the complete hot-dip galvanisation

► Technical data

Product description	Steel frame scaffolding
Frame heights	100 150 200 cm
Frame widths	101cm
Bay lengths	125 150 200 250 300 cm
Load class	LC 6 (evenly distributed load of 6.0 kN/m ²)
Corrosion protection	Hot-dip galvanisation
Plank types	Hollow box plank Steel plank Horizontal frame
Vertical frame weight	200/100 = 27.4 kg
Relevant standards	Complies with EN 12810 EN 12811, Pt. 1 Approval from DIBt (German approval and assessment body for regulatory questions related to construction products and construction techniques.)
Erection/dismantling times	t = 0.10 – 0.15 h/m ² * 0.07 – 0.10 h/m ² *
Special features	<ul style="list-style-type: none"> • Easy, fast and safe one-man assembly possible • High load capacity up to load class 6



◀ Optimal use as a working scaffold for heavy loads (max. area load up to 600 kg/m²). BOSTA 100 also offers more space to move and store materials thanks to the greater system width.

Life loads per DIN EN12811, part 1

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Load class LC	Nominal area load p kN/m ²	Single load ¹⁾		Partial load	
		P ₁ kN	P ₂ kN	p _c partial area kN/m ²	A _c
1	0.75 ²⁾	1.50	1.00	-	-
2	1.50	1.50	1.00	-	-
3	2.00	1.50	1.00	-	-
4	3.00	1.50	3.00	5.00	0.4 × A _B
5	4.50	1.50	3.00	7.50	0.4 × A _B
6	6.00	1.50	3.00	10.00	0.4 × A _B

1) P₁ Load area 0.50 m x 0.50 m.
min. 1.5 kN per plank
P₂ Load area 0.20 m x 0.20 m

2) for planks p = 1.50 kN/m²
A_B = plank area per DIN 4420 – 5.4.4.3

* Time calculation (average) by Hünnebeck



▶ High up – also the standard design is applicable for heights up to 24 m



▶ BOSTA 100 is the ideal scaffold whenever additional space is required to move around and temporarily store materials

Application & use

- ▶ Working scaffold
- ▶ Safety scaffold
- ▶ Mobile scaffold
- ▶ Facade scaffold
- ▶ Reinforcement scaffold
- ▶ Staircase

BOSTA® 100 integrates with

- ▶ **MODEX®** scaffolding