

	Cap-Type Rebar Support	VS Barona Level Adjustable Safety Bar-chair
Concept		
Load (MAT foundation 1.6m thick)	D19 → 4.4kN D22 → 9.0kN	100kN (Height-independent)
Adjustable Height	Lack of height adjustment leads to concentrated load.	4-step height adjustment available (0mm to 120mm)
Fixing Method	Welding required	Weld-free using dedicated clips
Installation Spacing	1.2m*1.2m ~1.4m*1.4m	2.6m*2.6m ~2.6m*3.0m
Installation Time	100%	30%
Cost-effectiveness	100%	75%



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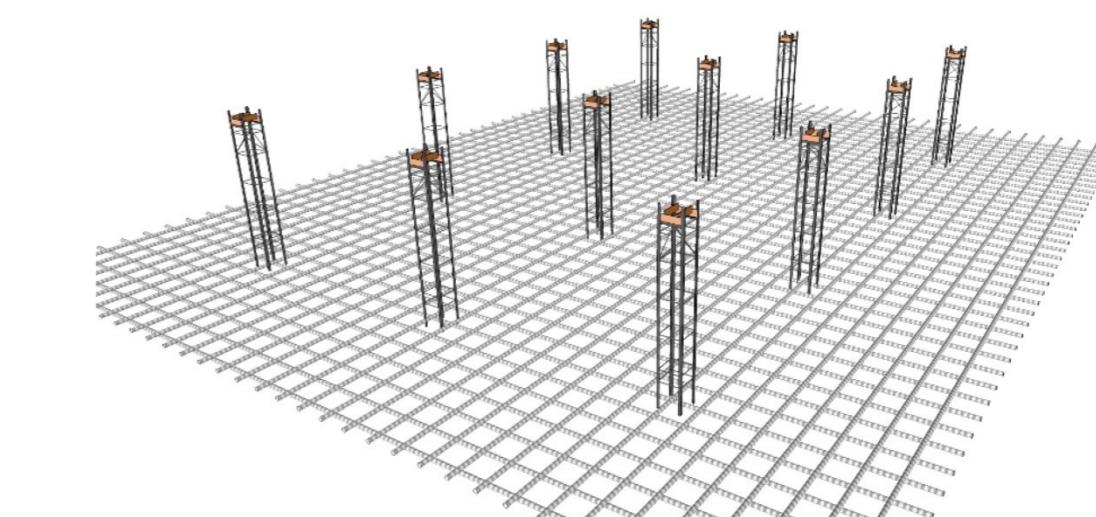


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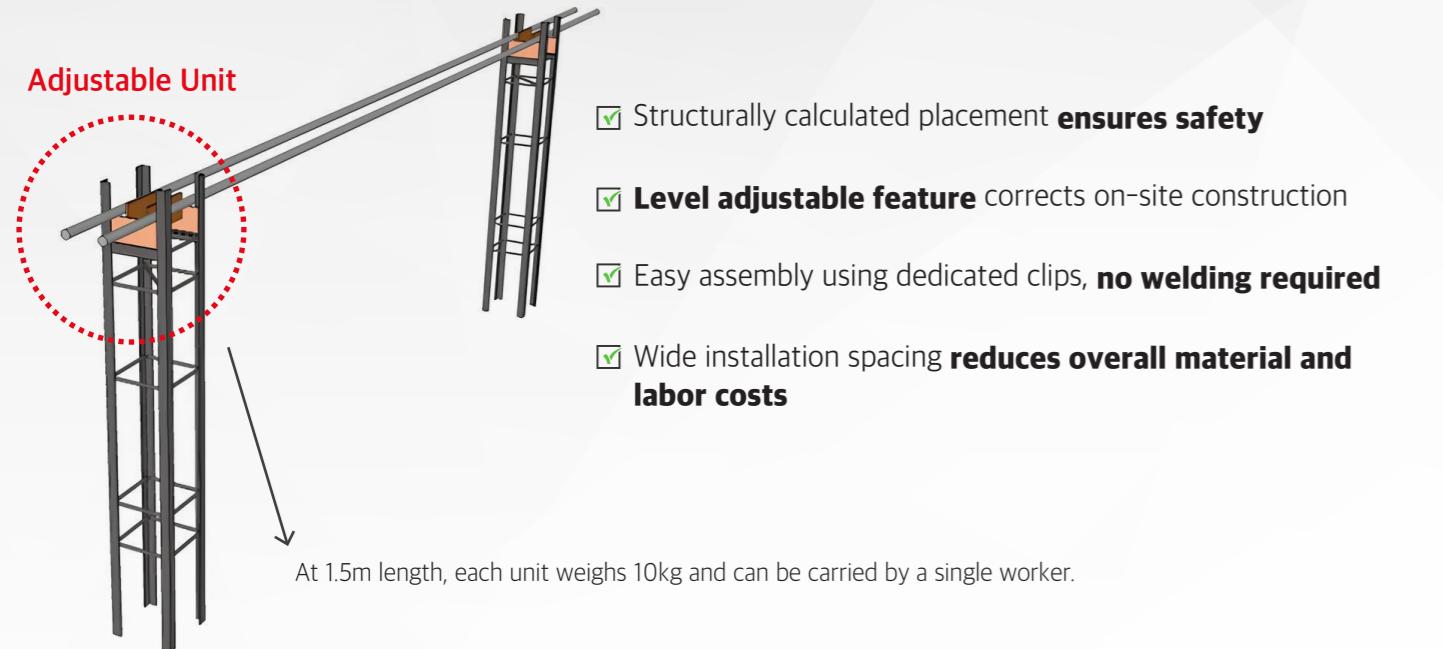
Level Adjustable

Safety Bar-chair



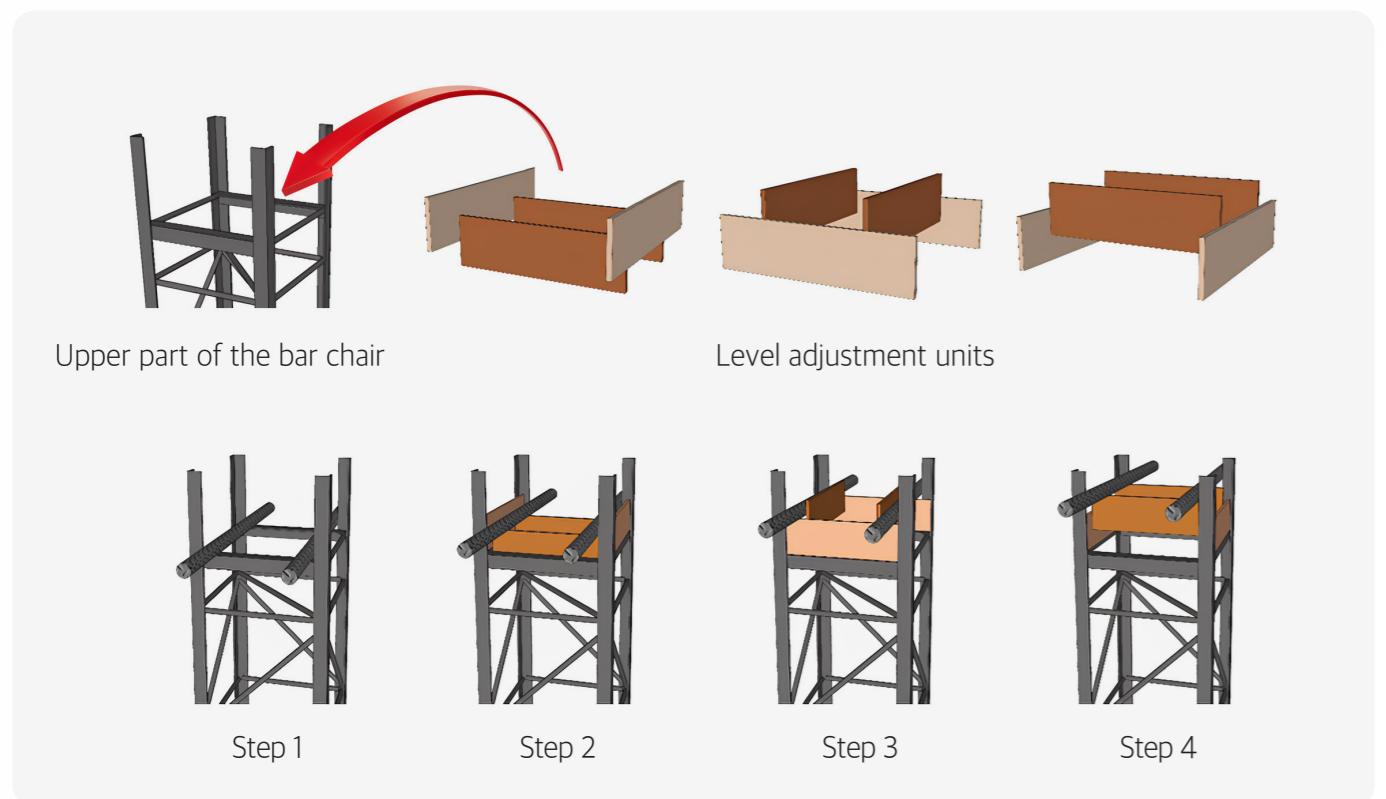
What's level adjustable safety Bar-chair?

A rebar support structure designed for foundations thicker than 500mm, addressing the instability and inconvenience of conventional cap-type supports that relied solely on worker experience.

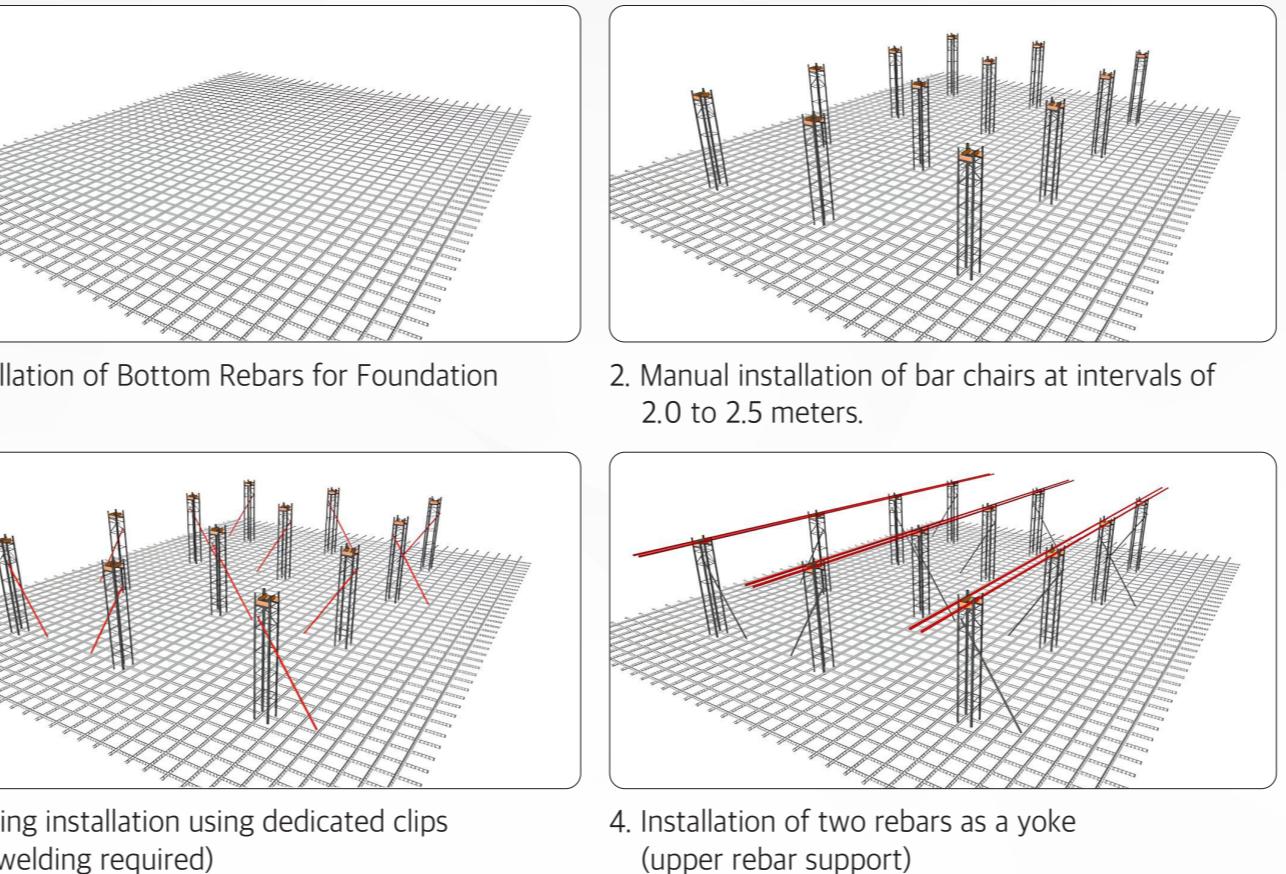


Configuration and Features

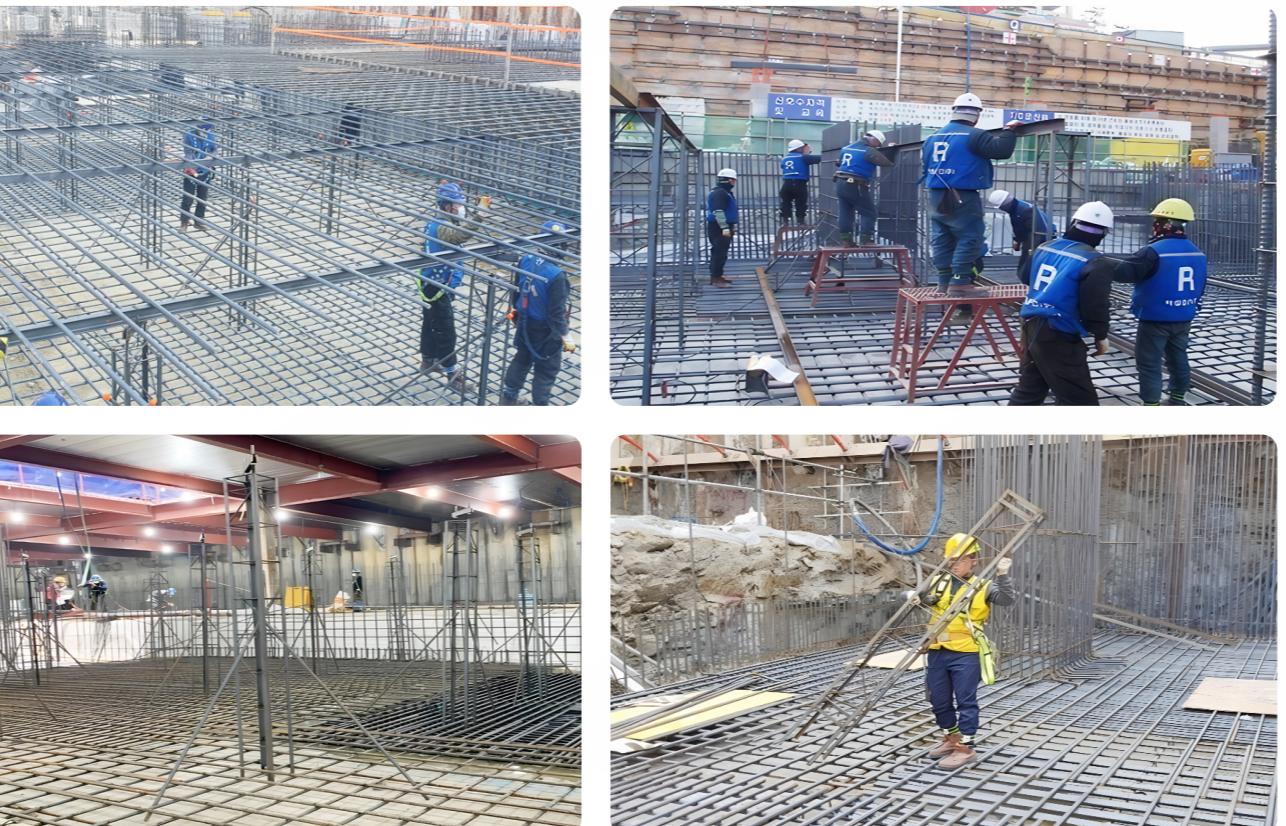
An adjustable structure is installed on the upper part of the bar chair, allowing vertical height adjustment. Three types of level adjustment units (25mm, 32.5mm, and 40mm) enable flexibility for various site conditions



Construction Sequence



Site Installation Images



Option

Components	Option 1	Option 2	
Yoke selected based on spacing, considering deflection and load.	Use of two existing rebars (2.0m-2.5m)	Use of steel section yoke (up to 3.0m)	
Option 1	Option 2	Option 3	
Beyond the 4-level height adjustment, additional fine-tuning is available via plate height	50mm (0, 25, 50, 75mm)	65mm (0, 32.5, 65, 97.5mm)	80mm (0, 40, 80, 120mm)
Select lateral support method according to height.	Bracing Rebar (for spans under 2.0m)	Bracing Rebar + Horizontal Connector (for spans over 2.0m)	
Select lower or upper rebar configuration based on the applied load.	Installation on lean concrete	Installation on top of bottom rebars	