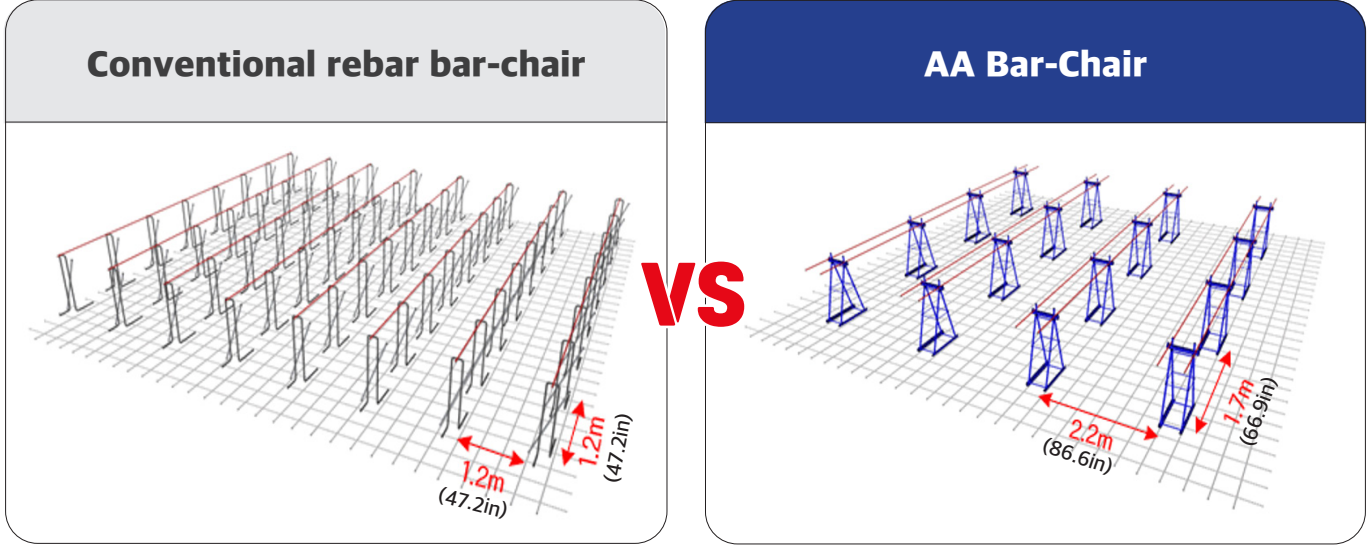




Susceptible to buckling and unstable under 1ton (2,205lb)	Features	Structurally stable up to 4tons (8,818lb)
Narrow spacing (1.2 m × 1.2 m), inefficient installation	Installation Spacing	Wide spacing (2.2 m × 1.7 m), enhanced constructability
No height adjustment	Construction Tolerance	Height adjustable up to 100mm(3.9in) on-site
Baseline	Relative Labor Time	70% Reduction
Baseline	Cost-Efficiency	25% Cost Savings 100m(328ft) × 100m(328ft) foundation with THK, 1m(39.4in)



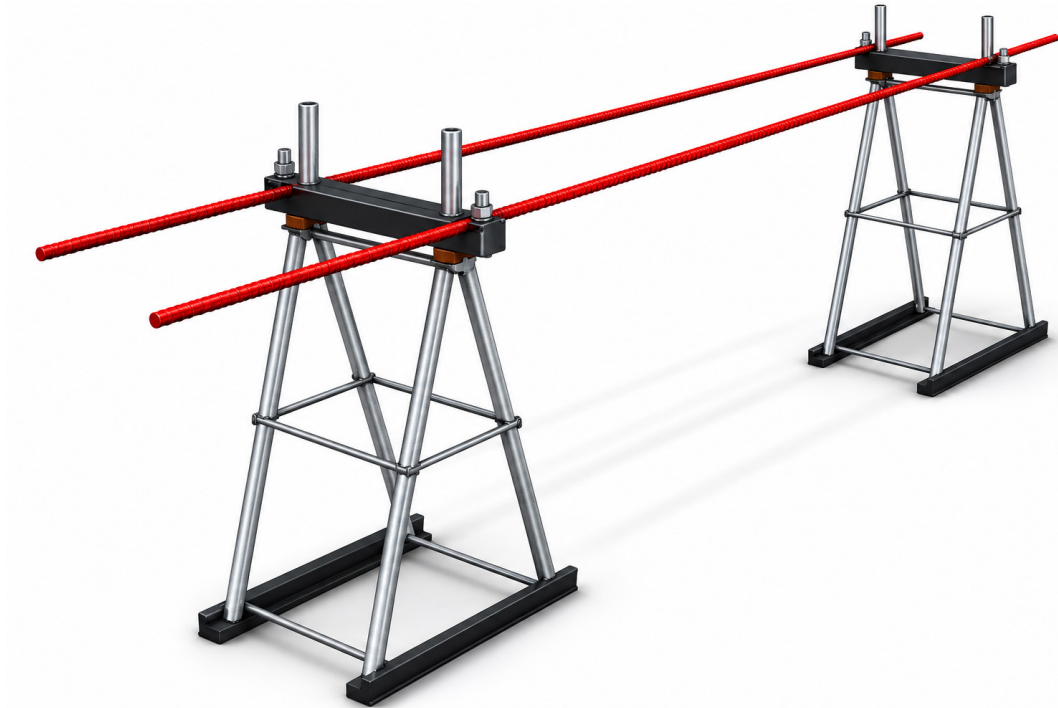
“We hunt the demons of construction sites”

Barona

AA Bar-Chair

Foundation Thickness: 500~1,500mm(19.7~59.1in)

Bar-Chair with Height Adjustment Feature for Even Load Distribution



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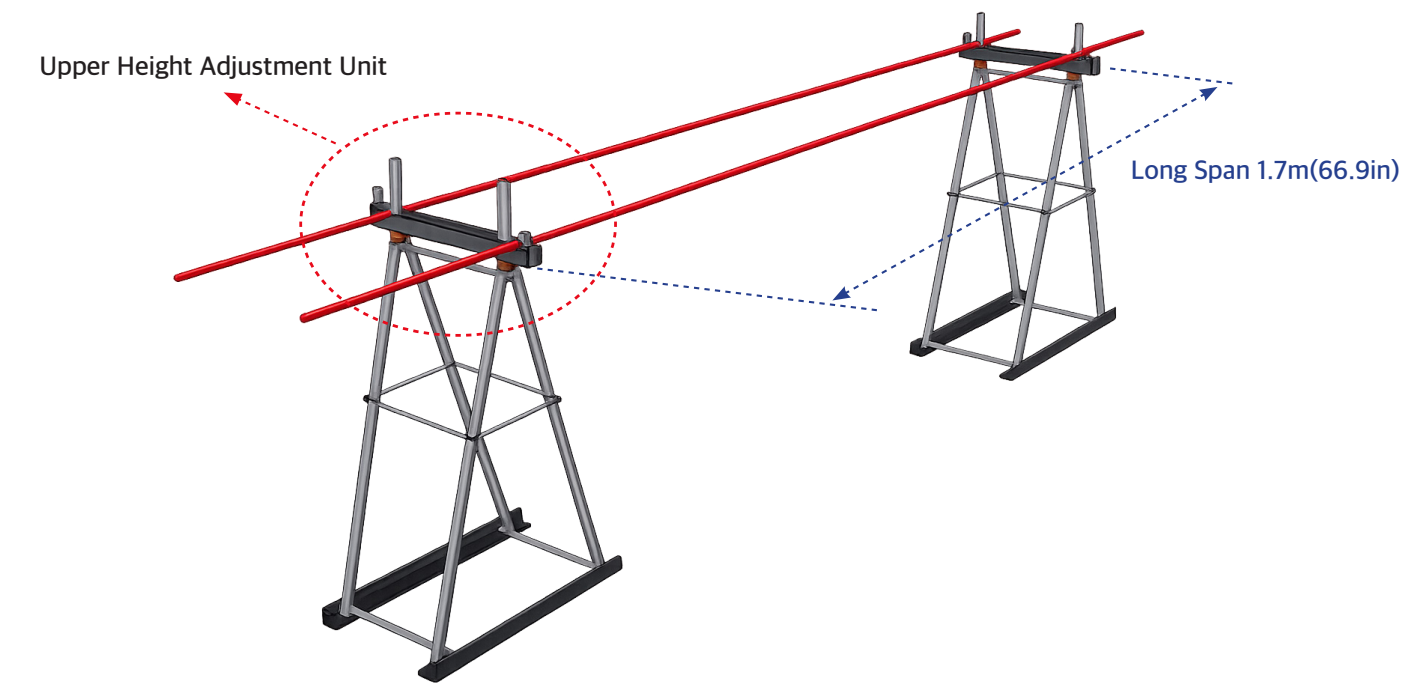
1 High load resistance allows wide installation spacing

2 Height adjustment function ensures even load distribution and safety

3 Installation requires only 30% of the manpower compared to conventional rebar bar-chair

Barona What is the AA Bar-Chair?

A rebar support structure used for foundations with a thickness of 500~1,500mm (19.7~59.1in), resolving the instability and poor workability of conventional spacer rebars installed based solely on workers' intuition.

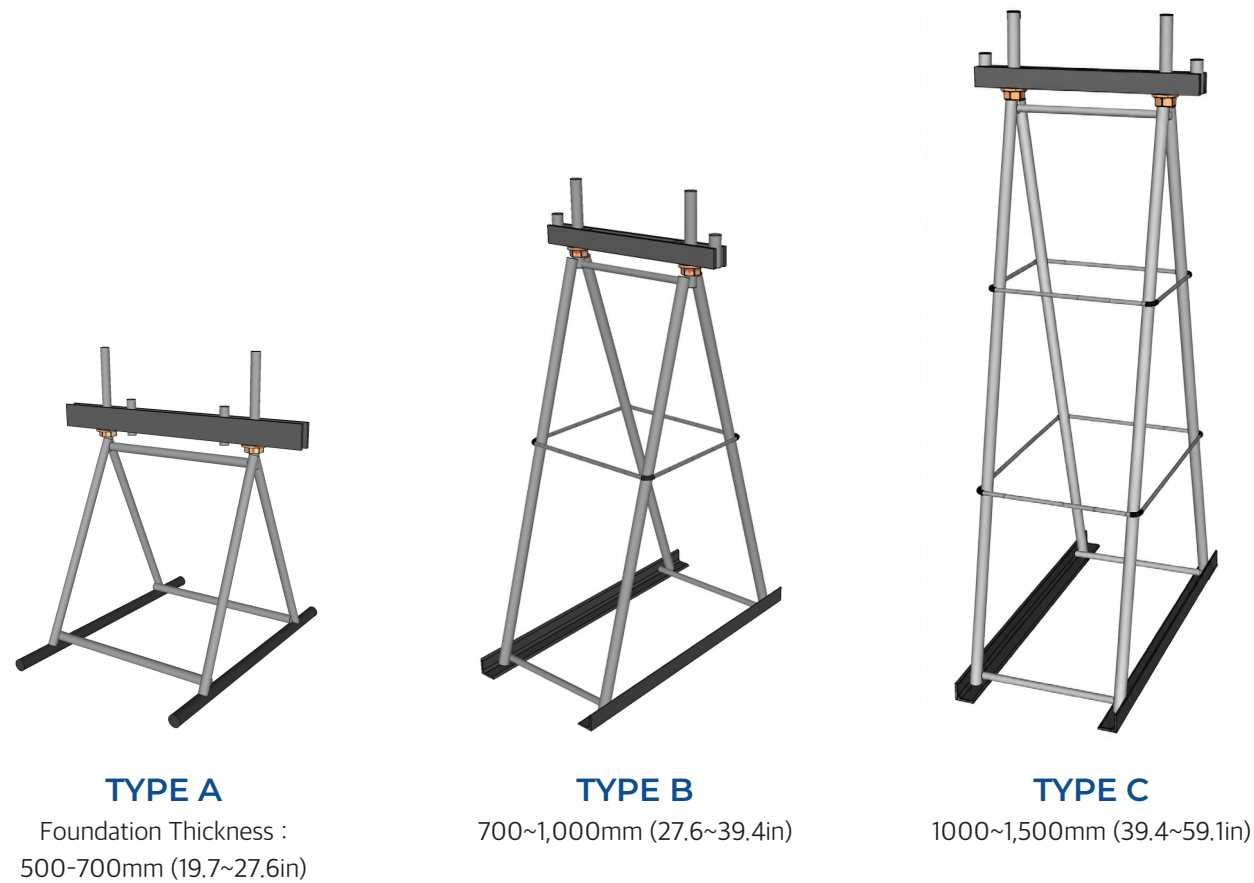


Height Adjustment Feature

Enhances work convenience and construction quality by absorbing construction tolerances (variations in floor and upper reinforcement height) via an on-site responsive height adjustment unit 100mm(3.9in)



AA Bar-Chair Configurations by Height



Key Features of the AA Bar-Chair

01



Structurally stable due to its triangular configuration

02



Capable of supporting heavier loads than conventional spacer rebars and allows for wider installation spacing

03



Absorbs on-site construction tolerances using the upper height adjustment feature

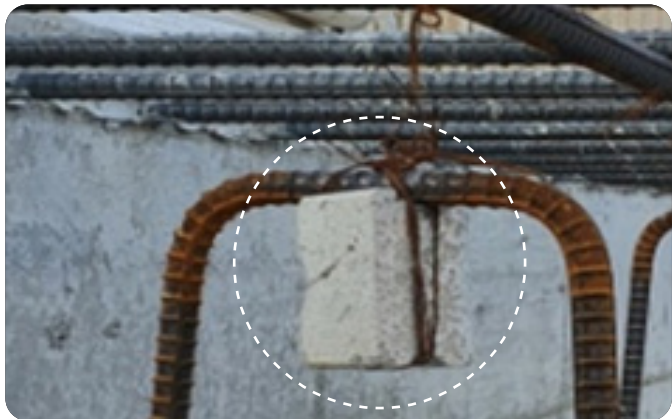
04



Ensures quality through factory prefabrication



Risk of load concentration when using conventional spacer rebars on uneven surfaces!
Sections with construction tolerances require extra labor time for makeshift leveling with bricks.



Construction Sequence

01



STEP 01
Bottom Rebar Placement

02



STEP 02
AA Bar-Chair Installation

03



STEP 03
Bar-Chair Height Adjustment

04



STEP 04
Top Rebar Runner Placement

05



STEP 05
Top Rebar Placement