HS60

A multifunctional heavy duty shoring system

Proved high efficient and heavy duty shoring system

HS60 is a type of frame based shoring tower system, which is composed of a main frame and diagonal braces, mainly used for formwork support in civil engineering construction projects



Key Features

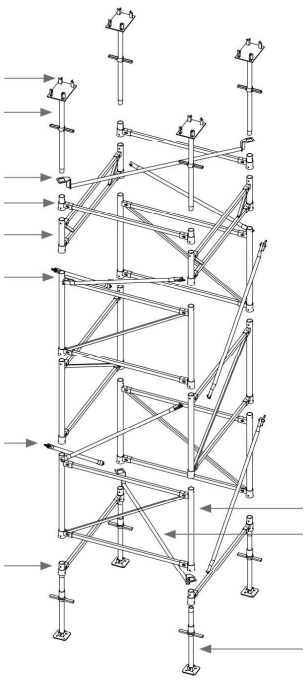
- High loading capacity shoring - *Working load per leg up to 70 kN depending on configurations and tower height, refer EN 12812.*
- Easy handled - *Easy handled with minimized components type and connectiion parts*
- Arranged by crane - *Tower unit can be moved by crane or forklift*
- Sturdy and durable - *Hot-dip galvanized surface treatment components*
- Multiple purpose - *Different tower types for differenct purpose: independent tower, reinforced tower, and connected tower.*
- Various shoring height - *Various shoring heights easiliy reached by adjustable base, adjustable top pole, and 35cm frame to form towers*
- Safe working plateform - *Safe working , corresponding work platform planks and ladders can be appyied during installating.*

LRQA CERTIFIED ISO 3834



Main Components

- Bottom Screw Jack
- Frame Spacer
- Horizontal Brace
- Frame 1 m
- Vertical Brace 1 m
- Frame 0.35 m
- Vertical Brace 0.35 m
- Top Screw Jack
- Head

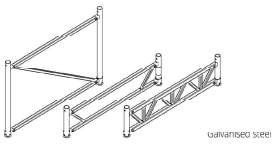


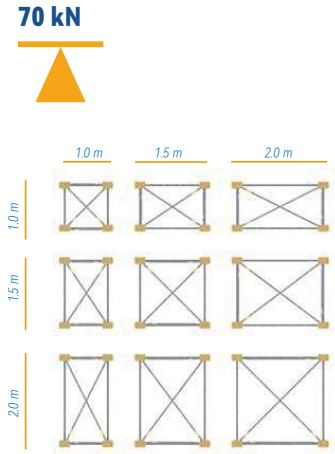
Technical details

- Shoring towers consisting of frames and vertical braces.
- Working load per leg up to 70 kN

  **depending on configurations and tower height.*

  **Standard heights up to 12 m, special up to 20 m.*
- Module sizes of towers: 1 m; 1.5 m; 2 m.
- Frames: 1 m high.
- Adjustment: with spindles and 35 cm frame



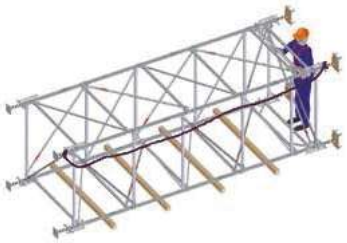


Erection ways



- Erection of vertical towers with platforms and ladders



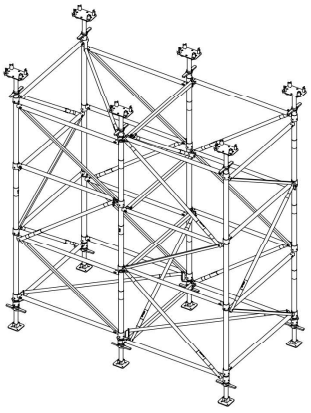


- Horizontal assembly of towers and subsequent erecting with crane

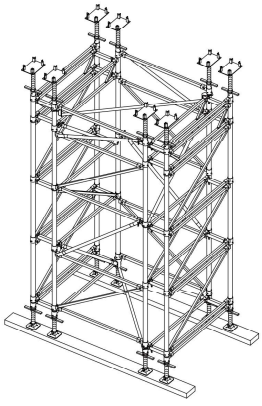
Configuration types



- Indevidual tower



- linked tower



- Reinforced tower

Application Project Cases

Civil Engineering projects









Residential projects





Components list

Frames and Brace

	KG
Frame 1x1	18.1
Frame 1.5x1	21.3
Frame 2x1	24.5
Frame 0.35x1	11.0
Frame 1.5x0.35	13.6
Frame 2x0.35	16.2
Header frame 1x0.35	14.7
Header frame 1.5x0.35	20.2
Header frame 1x0.35	25.6

Frame spacer 1x0.1	4.9
Frame spacer 1.5x0.1	6.2
Frame spacer 2x0.1	7.5

Vertical brace 1x1	3.0
Vertical brace 1.5x1	3.8
Vertical brace 2x1	4.5
Vertical brace 1x0.35	2.2
Vertical brace 1.5x0.35	3.1
Vertical brace 2x0.35	4.0
Horizontal brace 1x1	3.7
Horizontal brace 1x1.5	4.4
Horizontal brace 1x2	5.2
Horizontal brace 1.5x2	5.7
Horizontal brace 1.5x1.5	5.0
Horizontal brace 2x2	6.3

Safety frame spacer 1 m	9.6
Safety frame spacer 1.5 m	11.8

Jacks and Heads

	KG
Bottom screw jack 0.8	8.3
Bottom screw jack 1.05	9.7
Top screw jack 1.05	7.5
Top screw jack 0.8	6.0
Base plate 0.1	1.7
T-60 load centering end	0.68
Two-way U-head VM-DU	3.5
Double head VM20	4.8
Two-way U-head BTM	5.2
Top plate	4.7
Pivot U-head	5.5

Bracing Accessories

	KG
Right angle coupler 48/60	1.4
Swivel coupler 48/60	1.9
Right angle coupler 48/48	1.2
Swivel coupler 48/48	1.3
Tube 48/ 0.5 to 6 m	