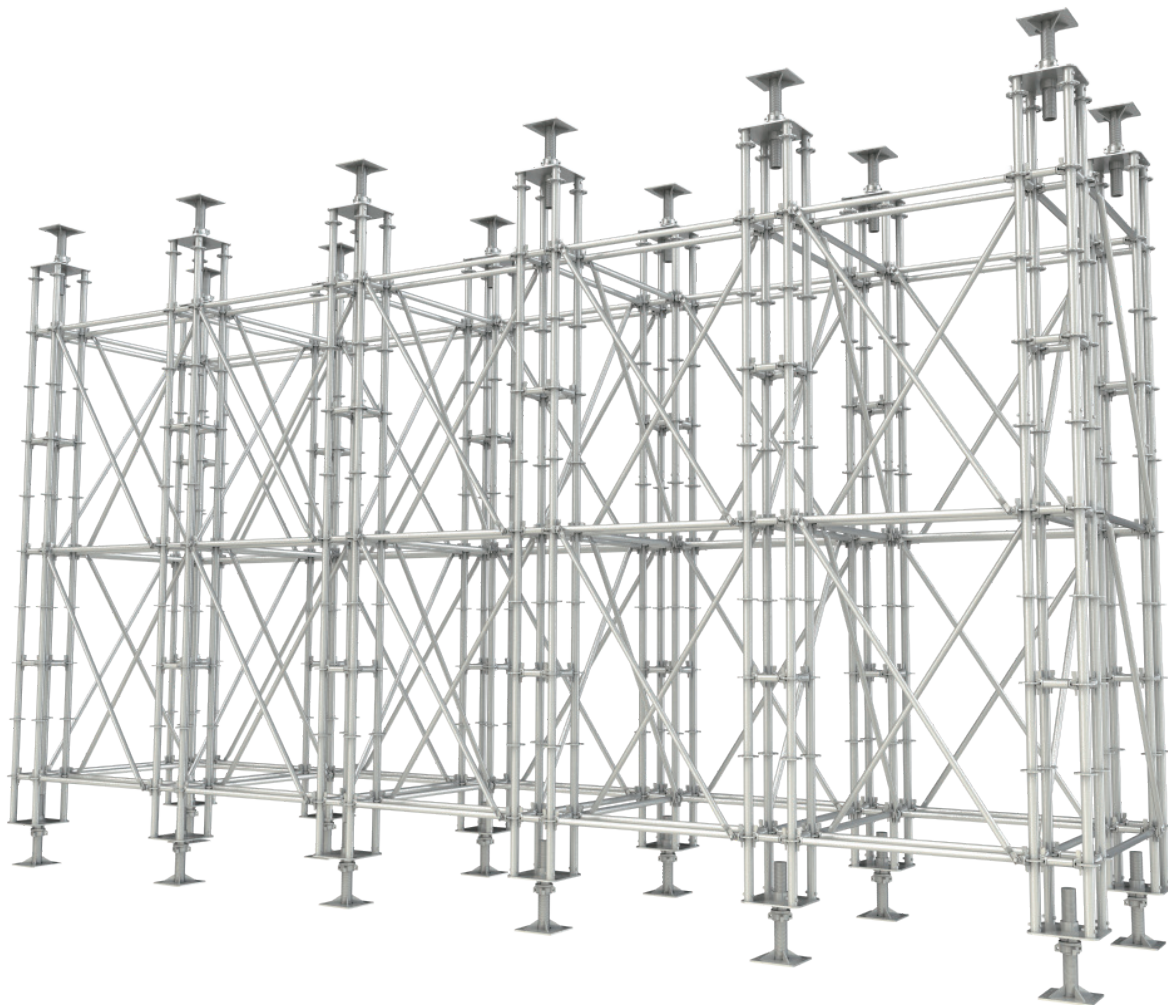




Fineshore

Heavy-Duty Shoring Tower System

System Overview

The Fineshore Heavy-Duty Shoring Tower System is a high-strength, high-efficiency and high-safety heavy-duty shoring solution, specially designed for heavy formwork support scenarios such as large-span structures, high-load works and thick floor slabs. Adopting the core advantages of high rigidity, fast assembly and superior stability, the system can quickly erect stable vertical support structures to meet the shoring requirements of various building main structures. It effectively improves formwork construction efficiency and ensures site safety. With flexible adaptability, it suits various site flatness conditions and diverse load cases for extensive application.

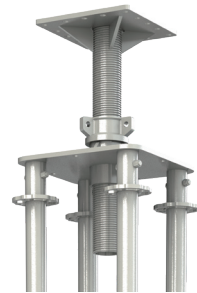
Combined with standardized modular components, the system achieves multiplied load-bearing capacity with uniform and stable force transmission. It supports multi-angle shoring including vertical and inclined installation. Construction access openings for floor transporters and construction vehicles can be reserved on demand, greatly improving on-site convenience and practicality.

Core Structural Composition

The Fineshore Heavy-Duty Shoring Tower System features standardized modular assembly with stable structure, easy assembly and disassembly, and high universality. The core components and assembly specifications are as follows:

■ Main Standard Upright Unit

The basic tower unit consists of 4 Fineshore standard uprights. Horizontal connection adopts 300mm ledgers with a uniform vertical spacing of 1000mm, forming a regular and uniform frame system to ensure overall structural rigidity.

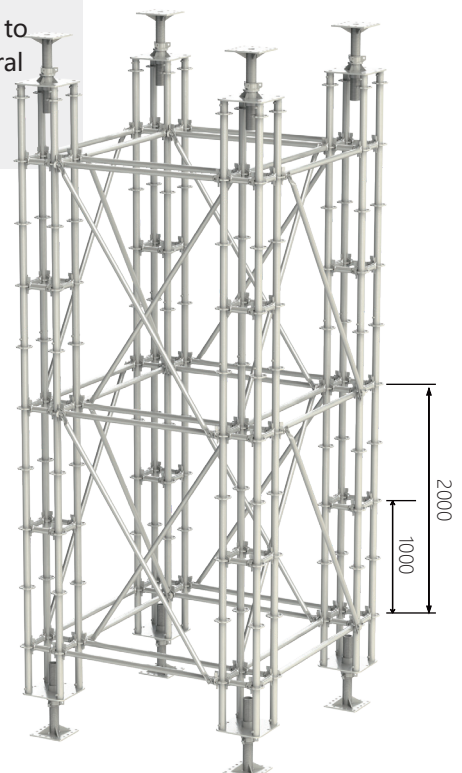


■ End Force Transmission Components

The system is equipped with dedicated heavy-duty adjustable top jacks and flange adapter plates, cooperating with various bottom base accessories to realize concentric load transmission, avoid structural risks caused by force deviation, and guarantee long-term overall stability of the shoring tower.

■ Reinforcement Components

The frame is fully reinforced with Fineshore standard horizontal ledgers and vertical bay braces, which effectively enhance the tower's lateral resistance and anti-overturning performance. The spacing of uprights can be flexibly adjusted according to actual on-site support loads to achieve accurate structural and load matching.



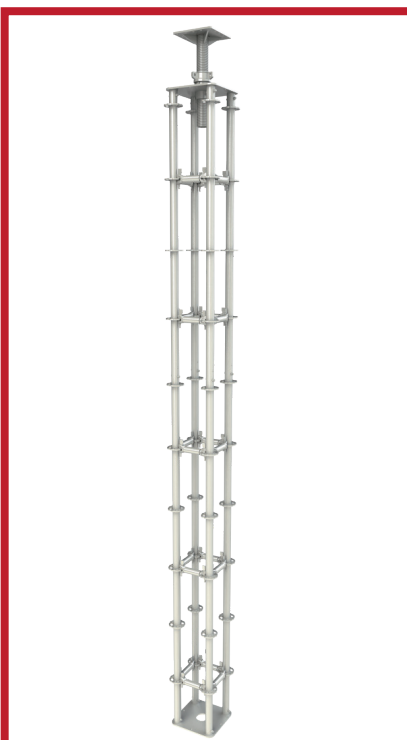
Core Performance Parameters

The Fineshore Heavy-Duty Shoring Tower System delivers outstanding load-bearing performance, with a single upright safe working load (SWL) of 400KN. Multi-unit modular assembly multiplies the overall shoring capacity, fully meeting the high-load support demands of ultra-thick floor slabs, large-span structures and heavy-duty working platforms. All components are standardized with high assembly precision and uniform stress distribution. The system adapts to different load conditions according to erection height and wind load, providing sufficient structural safety margin.

Single Prop Safety
Safe Working Load : 400 KN
Safety Factor : 2.0

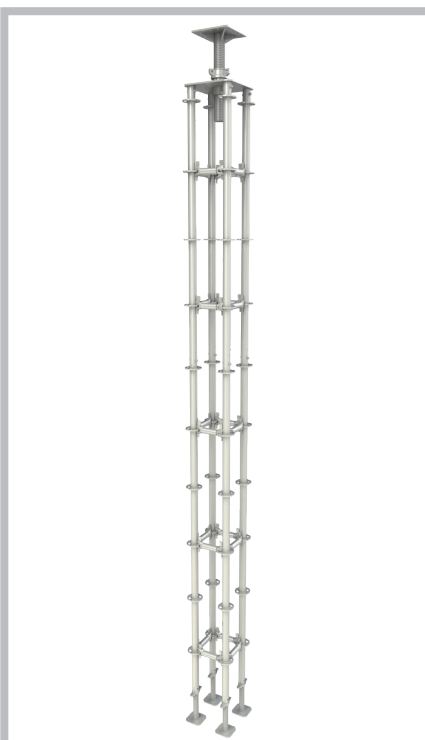
System Classification & Application Scenarios

To adapt to different site flatness conditions and meet precise levelling requirements, the Fineshore Heavy-Duty Shoring Tower System is divided into three types based on bottom base configurations, with clear functional characteristics and targeted application scenarios:



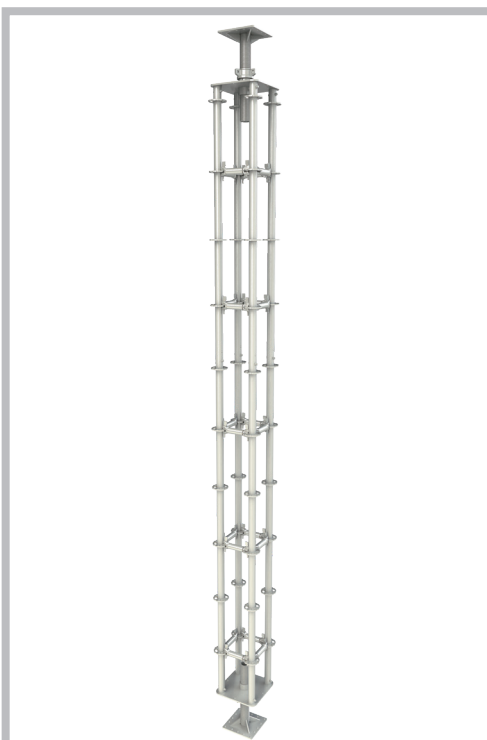
■ Flat Flange Base Plate Type

This tower type adopts a flat flange base plate with high structural integrity and tool-free levelling. It is applicable to construction sites with flat ground and negligible height difference. The tower uprights can be placed directly on the ground without manual levelling adjustment, featuring high construction efficiency and neat finished appearance, ideal for standard sites with well-hardened and flat ground.



■ M60 Adjustable Base Type

Equipped with Fineshore M60 system adjustable bases, this tower type features ultra-high adaptability for sites with poor flatness and obvious ground height differences. The four uprights support independent height adjustment to correct frame flatness deviation, effectively solving frame inclination and uneven stress caused by uneven ground. It ensures vertical concentric force transmission and suits various irregular and uneven construction bases.



■ Heavy-Duty Integrated Adjustable Base Type

Fitted with exclusive heavy-duty adjustable supports, this tower type is designed for sites with moderate flatness and slight ground height differences. It adopts an integral adjustment structure to level the whole tower at one time without adjusting individual uprights, balancing high levelling accuracy and construction efficiency. With superior load capacity and flexible operation, it is the preferred option for medium-flatness construction sites.

Core System Advantages

■ High Load Capacity & Reliable Safety:

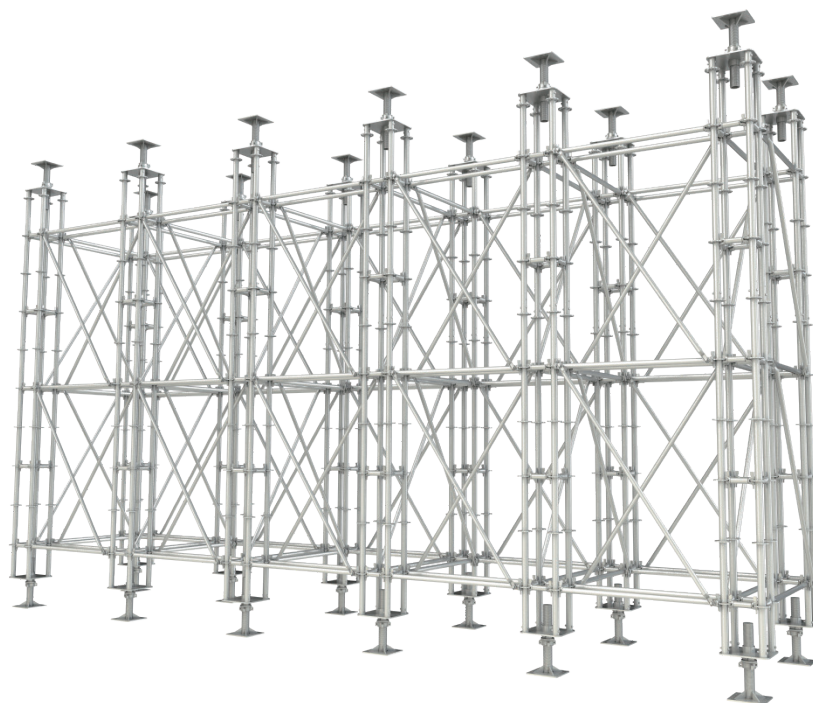
Standardized modular configuration and concentric force transmission design enable a single upright load of 400KN. The system features high structural rigidity, excellent wind resistance and lateral stability with high safety factors.

■ Wide Adaptability & High Flexibility:

Three base types cover all ground working conditions. Upright spacing is adjustable, and vertical/inclined installation is available. Reserved construction access further improves on-site adaptability for all heavy-duty shoring works.

■ **Efficient Assembly & Time-Saving Construction:** Modular design with highly standardized components and fixed spacing specifications simplifies erection and dismantling procedures, significantly shortening the formwork shoring construction period.

■ **Uniform Stress Distribution & Stable Quality:** Full reinforcement by ledgers and diagonal braces, together with professional force-transmitting accessories, realizes centralized concentric load transmission, prevents local overload, extends service life and ensures consistent construction quality.



■ Safety and Compliance Are Our First Priority

Fineshore Heavy-Duty Shoring Tower System is fully aligned with major international standards, including EN, AISC, and GB. Every component undergoes end-to-end precision quality control and 100% pre-shipment inspection to ensure exceptional reliability. With a Class A fire rating, our system delivers impeccable on-site safety assurance.



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