

Sampmax (Xiamen) Construction Technology Co., Ltd.

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Post Shores Specification



Slab formwork includes formwork panels, stringers, joists, shores, and other supporting materials that enables the concrete to be poured and set above the ground. There are a variety of materials used in slab formwork, including plywood, timber, metal, steel, aluminum, and sometimes even plastic components that are used to shape and give strength to the concrete. Post Shores is a very important part to the formwork system.

Raw Materials

Sampmax shoring system has been designed and developed to meet the speed, safety and economic demands of today's construction jobs. Sampmax shoring system made by Q235 raw material.



Capacity

- Long service life, thanks to the high-quality surface treatment
- Exceptionally easy-to-turn adjusting nut thanks to special thread geometry
- Less physical effort needed for moving, thanks to new lightweight design
- Consistently high load capacity, $\geq 20\text{KN}$

Adjustable Length

Light duty / Medium duty prop: 1600-2900mm, 1800-3200mm, 2000-3600mm, 2200-4000mm etc.

Heavy duty prop: 1800-3200mm, 2100-3400mm, 2200-3900mm, 2200- 4000mm, 3000-5000mm, 3500-5500mm etc.

Components and Weight

A piece of steel prop has internal tube, external tube, prop nut, base plate and top plate.

Steel prop weight can be adjusted to affordable weight with its range which is convenient for using and supporting.

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Diameter and Thickness

Diameter of inner tube: 40mm,48mm, etc.

Diameter of outer tube: 48m,56mm,60mm etc.

Inner tube wall thickness: 1.8mm,2.0mm,2.5mm, 3.0mm, 3.5mm, etc.

Outer tube wall thickness:1.6mm,1.7mm,1.8mm,2mm, 2.5mm, etc.

Base plate:120*120*4mm/4.5mm/5mm or 150*150*6mm.

Shape of base plate: flower or square

Nut type: with hands cup (Italy type) or open thread (middle east type)

Surface Treatment

Painted, Hot dipped galvanized, Pre-galvanized, Power Coated, Electrical galvanized



End uses

Adjustable steel post shores are widely used in different supporting areas. Slab formwork and column formwork with it's high loading capacity may meet maximum stability for your site jobs Post shores can be reused for the formwork system, however the number of reuses will depend on a wide range of factors including good site practice, the thickness of the concrete, careful handling & storage of props and features like thickness, adjustable length of the post shores, etc.

Datasheet

Properties of Sampmax Post Shores

Note: the data is just the theoretical reference values, no responsible will be undertook for the accidents from real job sites, because the situations in jobs sites are very complicated and variety factors will caused the accidents.

Post Shores Allowable Load Table 2.0-3.5m/48x2.0mm/ 40x1.7mm Base:120x120x4mm		Post Shores Allowable Load Table 2.8-5.0m/60x2.0mm/48x2.5mm Base:120x120x4mm	
Height Range	Safe Allowable Load / kgs	Height Range	Safe Allowable Load / kgs
Weight 9kgs	Full close 2.0m	Weight 17kgs	Full close 2.8m
2.0m	2700kg	2.8m	3200kg
2.1m	2700kg	2.9m	3200kg
2.3m	2500kg	3.0m	3200kg
2.5m	2500kg	3.1m	3200kg
2.7m	2300kg	3.3m	3200kg
2.9m	2100kg	3.5m	3000kg

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3.0m	1900kg	3.7m	2800kg
3.1m	1900kg	3.9m	2800kg
3.3m	1700kg	4.0m	2700kg
3.5m	1600kg	4.1m	2700kg