CATEGORY: PILLARS & FOUNDATIONS

H-Section Steel Mast (GH Series)

Reference URL: https://en.chuangwit.com/pillar-foundation/h-type-steel-pillar.html

1. Product Overview

The H-section steel mast (GH series) uses a hot-rolled H-section solid web structure with high strength, compact footprint, minimal land take and quick erection, the mainstream mast type for high-speed railway sections and station OCS. Section height 240 to 300 mm, common mast heights 7.5 to 11 m, flange foundation and hot-dip galvanizing, designed per GB/T 25020.1-2025. Henan Chuangwit supplies the steel mast series with selection and ordering. Download Technical Datasheet (PDF) H-section steel masts use a hot-rolled H-section solid web structure with high strength, compact footprint, minimal land take and quick erection, and are the mainstream mast type for OCS in high-speed railway sections and station yards. | The product is designed and manufactured to GB/T 25020.1-2025, Steel Masts for OCS of Electrified Railways, Part 1: Steel Masts (the former GB/T 25020.4-2016, Steel Masts for OCS of Electrified Railways, Part 4: H-section Masts, has been fully merged into this standard, effective 2025-08-01), with H-section steel raw material to GB/T 34199-2017. | | Product

2. Published Technical Specifications & Parameters

Parameter	Published Value / Specification
Model	Series GH240X/GH260X/GH270X/GH280X/GH300X
Standard	GB/T 25020.4-2016, Steel poles for electrified railway overhead contact system - Part 4: H-section poles (integrated into GB/T 25020.1-2025)
Installation	Base-mounted on foundations with flange plate, fastened with anchor bolts
Series Columns	Model | Section height (mm) | Column height (m)
GH240X/7.5	Section height (mm)=240; Column height (m)=7.5 (common range 7.5~11)
GH260X/7.5	Section height (mm)=260; Column height (m)=7.5 (common range 7.5~11)
GH270X/7.5	Section height (mm)=270; Column height (m)=7.5 (common range 7.5~11)
GH280X/7.5	Section height (mm)=280; Column height (m)=7.5 (common range 7.5~11)
GH300X/7.5	Section height (mm)=300; Column height (m)=7.5 (common range 7.5~11)

Engineering & Quality Compliance Notice

Manufactured under ISO 9001 and CRCC product certification rules where applicable. All values mirror published site specifications.
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