CATEGORY: PILLARS & FOUNDATIONS

LQXT-8/9-30 generic aluminium alloy emergency repair mast

Reference URL: https://en.chuangwit.com/pillar-foundation/universal-aluminum-emergency-tower.html

1. Product Overview

The LQXT-8/9-30 universal aluminium alloy emergency repair mast stands 8 m/9 m high with 30 kN·m capacity and about 80 kg self-weight in a two-section bolted structure, lightweight, corrosion-resistant and quick to erect, for OCS accident repair and temporary support. The tower body uses 6063A aluminium profiles in T6 temper. Henan Chuangwit supplies universal repair tower equipment with list-based emergency stockpile purchasing; inquiries welcome. Download Technical Datasheet (PDF) The generic aluminium alloy emergency repair mast is a general-specification rescue item supplied by several manufacturers, lightweight (easy to transport and repair) , corrosion-resistant, mainly for OCS emergency repair and temporary support.The mast body uses 6063A or similar aluminium alloy profiles (T6 temper), usually two-section bolted structure.

2. Published Technical Specifications & Parameters

Parameter	Published Value / Specification
Model	LQXT-8/9-30
Standard	GB/T 25020, TB/T 2286 (steel masts for electrified railway OCS) Series standards
Operating Temperature	-40 deg C~+70 deg C
Altitude	<=4000m
Materials	Q235B/Q355Bsteel with hot-dip galvanizing, prestressed concrete, aluminium alloy (emergency repair)
Installation	direct burial/flange foundation installation, whole-mast erection
height	8 m / 9 m
Self-weight	about 80 kg
Mast capacity	30 kN·m (300 kg)
Structure type	two-section bolted assembly
Main material	6063A aluminium alloy profile, T6 temper
Application	OCS emergency repair, temporary mast

3. Operating Conditions

for sections, station OCS support structures, bearing suspension load, wind load and ice load.

4. Mechanical Performance

Standard test bending moments meet the TB/T 2286 class series; hot-dip galvanizing lasts at least 30 years and concrete pole crack resistance is type-tested.

5. Electrical Performance

with earthing terminal, meeting mast earthing and stray-current protection requirements.

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6. Typical Applications

Mainline sections:generic aluminium alloy emergency repair mast are arranged by span and load on mainline sections. | Station throat areas: | generic aluminium alloy emergency repair mast work with head-span beams in multi-track station areas. | Emergency repair: | generic aluminium alloy emergency repair mast restore power supply quickly after storm-pole failures. | Corrosive environments: | generic aluminium alloy emergency repair mast use thickened hot-dip galvanizing in coastal corrosive environments.

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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