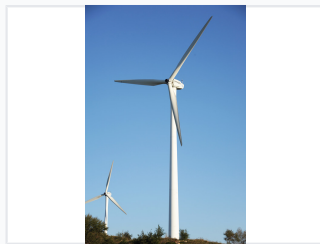


UHPC Utility Poles

UHPC utility poles offer a strong and durable solution for power transmission. These poles are designed to withstand harsh conditions and provide a longer service life.



ADDITIONAL IMAGES



Product Overview

Advanced UHPC Utility Solutions

Ultra-High Performance Concrete (UHPC) poles represent a breakthrough in utility infrastructure, offering superior mechanical strength and durability over traditional steel or cement alternatives. With a weight reduction of approximately 50% compared to traditional concrete, these poles significantly lower transportation and installation costs while increasing load-bearing capacity by two to three times. Their exceptional resistance to saline-alkali corrosion, cavitation, and abrasion makes them an ideal maintenance-free solution for coastal, industrial, and high-saline environments.

Key Features

Ideal Environments

- Coastal regions
- Inland saline soil
- High-salt roads
- Industrial zones
- Acid rain areas

Performance Benefits

Corrosion Resistant, Maintenance-Free, High Strength, Lightweight, Abrasion Resistant

Technical Specs

Performance Comparison

50 %

Weight vs Traditional Concrete

60 %

Cost vs Galvanized Steel

250 %

Avg Capacity Improvement

Product Classification

| Pole Category | Typical Replacement |
|---------------------|-------------------------|
| Light Pole | Wood and Concrete poles |
| Super-High Strength | Steel poles and Towers |