

# Concrete Mixer Plant Mixing Arm

This mixing arm is designed for concrete mixer plants. It is constructed from robust materials to ensure efficient and consistent mixing of concrete.



## Overview

### High-Performance Concrete Mixing Arm

This industrial-grade mixing arm is engineered for maximum durability and consistent performance in concrete mixer plants. Manufactured using high-chrome materials and advanced heat treatment processes, it offers exceptional wear resistance and structural integrity. Designed to withstand demanding operational conditions, this component ensures efficient mixing and a long service life for your machinery.

## Technical Specifications

|           |  |
|-----------|--|
| Material  | Hi-chrome  |
| Hardness  | 52 HRC   |
| Standards | ASTM A532 Class Two Type D, CN:KM TB Cr 15-25-GT |

## Performance Metrics

### Concrete Mixing Capacity

**200000 m<sup>3</sup>**

Concrete Volume

### Asphalt Mixing Capacity

**300000 tons**

Asphalt Weight

## Mechanical Properties

### Mechanical Properties Table

| Property                | Value                       |
|-------------------------|-----------------------------|
| Strength of Extension   | 380 N/mm <sup>2</sup>       |
| Extension at Break      | 1%                          |
| Shock Impact Resistance | >5 ak N.M/CM <sup>2</sup>   |
| Flexural Strength       | >600 ak N.M/CM <sup>2</sup> |

## Quality & Manufacturing

### Certifications

ISO9001:2008

### Manufacturing Technologies

- Scientific chemical composition selection
- Precise temperature control
- Advanced heat treatment
- Advanced melt and refine techniques
- Advanced smelting and processing