

# Belt Conveyor Concrete Mixing Plant

This concrete mixing plant features a planetary gear driving system to maintain equal rotation speed between gimbals and the transmission shaft. Its spiral mixing system ensures high mixing efficiency, while frequency control is applied to the aggregate lifting appliance for reliable and easy operation.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Concrete Production

The HZS belt conveyor concrete mixing plant is engineered for the high-volume production of plastic and dry hard concrete. This system is an ideal solution for large-scale infrastructure projects, including road and bridge construction, as well as commercial precast concrete facilities. By integrating advanced global mixing technologies, it ensures consistent output, high operational reliability, and extended component longevity.

## Technical Features

### Durability Features

- High rigidity alloy steel scale boards
- High tenacity wearable alloy steel mixing blades
- Frequency-controlled aggregate lifting appliance

### Mixing Efficiency

High efficiency achieved through a specialized spiral mixing system

### Drive System

Planetary gear driving system ensuring synchronized rotation of gimbals and transmission shaft

## Applications

### Primary Applications

Commercial Concrete, Road Construction, Bridge Projects, Precast Concrete Plants, Large-scale Building Projects