

Pile Cage Welding Machine

This pile cage welding machine is engineered for the automated production of reinforced concrete pile cages. It utilizes a welding system to automatically join longitudinal and spiral reinforcement bars, creating durable cage structures.



ADDITIONAL IMAGES



Overview

High-Efficiency Pile Cage Fabrication

The KZ2000X is an advanced automatic welding machine designed for the precise production of reinforced concrete pile cages. Engineered for high-volume construction environments, it streamlines the assembly of longitudinal and spiral reinforcement bars into consistent, structural-grade cages. By automating the welding process, this machine significantly reduces labor requirements to a single operator while enhancing machining accuracy and material efficiency.

Key Performance Metrics

Performance Highlights

6000 KG

Max Cage Weight

21 kW

Electric Power

1.1 m/min

Walking Speed

Technical Specifications

Cage Dimensions

Parameter	Range
Cage Diameter	800-2000 mm
Cage Length	2-12 m

Material Specifications

- Main bar diameter: 16-36mm
- Spiral diameter: 16-12mm
- Spiral spacing: 50-500 mm

Physical Properties

- Rotating speed: 2-5 r/min
- Overall dimensions: 26500 x 7500 x 3200 mm
- Main weight: 12500 kg

Features & Benefits

Certifications

CE • ISO

Operational Advantages

High machining accuracy, Uniform spacing, 1-person operation, Reduced material waste, Lower construction costs