

Mobile Arch Roll Forming Machine for On-Site Construction

This mobile arch roll forming machine is designed for on-site production of self-supporting arched structures. The equipment streamlines construction by producing arches directly at the building location, reducing transportation costs and improving efficiency.



Product Overview

On-Site Mobile Arch Construction

This mobile arch roll forming machine is designed to replace traditional frame architecture by producing self-supporting arched structures directly at the construction site. By forming PPGI into arch grooves that are sewn together, it enables fast construction speeds and significant cost savings. The system is ideal for creating large-span buildings like warehouses and shelters with beautiful shapes and long service lives.

Technical Specifications

Key Dimensions

600 mm
Feeding Width

305 mm
Effective Width

51 %
Usage Rate

Model Series

305 Series

Operational Capabilities

Proper Span Range

4m - 26m

Compatible Materials

PPGI, Pre-painted Galvanized Steel

Key Advantages

Core Benefits

- Fast construction speed
- Low construction cost
- Long service life
- Large span capability
- Aesthetic architectural shape

Application Areas

Common Applications

Warehouses • Shelters • Large-span Structures • On-site Construction