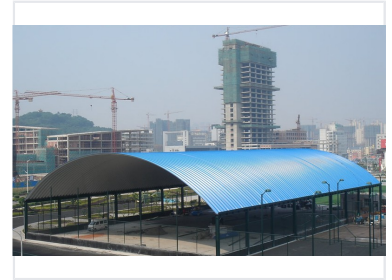


Mobile Arch Sheet Curving and Roll Forming Machine

This mobile machine efficiently curves and roll forms metal sheets into arched shapes. It is widely used for mid-scale and small-scale construction projects.



ADDITIONAL IMAGES



Overview

Mobile On-Site Arch Sheet Production

This mobile arch sheet curving and roll forming machine is designed for direct production at construction sites, effectively lowering logistics and installation costs. It is ideal for mid-scale and small-scale projects including warehouses, gymnasiums, and exhibition centers. Built on a high-quality trailer with car-style axles, it offers superior durability and a longer service life compared to standard straight-shaft alternatives.

Key Performance Metrics

Performance Highlights

10 Ton

Total Weight

66.7 %

Material Usage Rate

610 mm

Effective Width

Technical Specifications



Robust frame and precision rollers designed for consistent arch sheet production.

Physical Dimensions

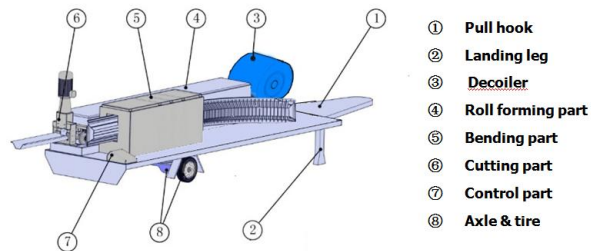
Parameter	Value
Model	BH-914-610
Dimensions	11690mm x 2230mm x 2300mm
Chassis Configuration	Double Axles & 8 Tires
Feeding Width	914mm
Groove Depth	243mm

Material & Componentry

Material Capabilities

- Processing Thickness: 0.6-1.5mm
- Cutting Blade Material: 12CrMov with Heat Treatment
- Bending Leaf: 10mm thickness, CNC processed
- Compatible Materials: Steel, Aluminum, and Coated Metals

Operational Features



Machine layout including pull hook, landing legs, decoiler, roll forming, bending, and control units.

System Features

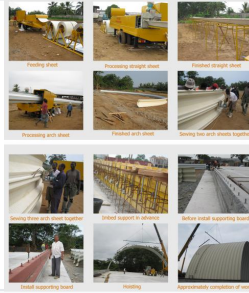
- Mechanical or Hydraulic Cutting Types
- Integrated Decoiler and Roll Forming stations
- Automated Bending and Curving system
- Trailer-mounted with pull hook and landing legs for stability

Applications

Suitable Construction Projects

Factory, Warehouse, Garage, Gymnasium, Exhibition Center, Cinema, Theatre

Workflow



The full workflow from sheet processing and sewing to final hoisting and installation.

Production & Installation Workflow

- Sheet feeding and straight processing
- Arch sheet curving and formation
- Sewing multiple arch sheets together
- Hoisting and installation of self-supporting structures