

# Automated Coil Building Line

This line features a welder with a high degree of automation. It is equipped with an advanced digital control circuit to ensure easy operation, production, and control.



## Product Overview

### Automated Coil Building Line

The Coil Building-up Line serves as essential auxiliary equipment for cold rolling mills, designed to optimize material processing. It allows for precise observation of surface quality and efficient welding of baby coils, ensuring consistent production standards. By integrating rigorous inspection and control procedures, this system helps manufacturers meet demanding customer requirements for high-quality coil output.

## Technical Specifications

### Coil Dimensions

Dimension Type	Value
Coil ID	610 mm
Coil OD	800 - 2100 mm

Strip Width	1250 mm
Strip Thickness	0.3 - 4.0 mm
Maximum Coil Weight	25 T
Maximum Line Speed	120 m/min

## Operational Metrics

### Tension Capabilities

**160 kN**

Coiling Tension

**60 kN**

Uncoiling Tension

## Material Compatibility

### Compatible Materials

200 Series Stainless Steel, 300 Series Stainless Steel, 400 Series Stainless Steel, Q195, Q215, Q235, 08Al, 20 Steel, Low-alloy steel, SPHC, SPHD, SPHE