

Automated Car Body Welding Line

This automated welding line is designed for car body assembly. It integrates a conveyor system, robotic welding arms, and a steel framework to ensure consistent weld quality and reduced production time.



ADDITIONAL IMAGES



Overview

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This automated welding production line is engineered for high-volume automotive manufacturing, offering a comprehensive solution for assembly, floor, side body, and door cover production. The system integrates advanced robotic welding arms with a robust conveyor framework to ensure consistent weld quality and optimized production efficiency. Equipped with sophisticated control systems, it supports diverse car models and high-tech connection technologies, making it an ideal choice for streamlining complex automotive assembly processes.

Technical Specifications

Robot Brand	FANUC
PLC System	AB system
Supported Car Models	B753, B754, B751, B81, B75X

Production Capabilities

Supported Welding Technologies

- Robot vision system
- Laser welding
- FDS (Flow Drill Screw)
- RSW (Resistance Spot Welding)
- SPR (Self-Piercing Riveting)

Included Production Lines

- Opener line
- Main welding production line
- Side body welding production line
- Floor welding production line
- Sunroof welding production line
- Rear floor and rear beam welding production line