



AIDIN ROBOTICS

Force control for Manufacturing automation

Set a new standard for **surface treatment process** !

✓ Precision

Achieve consistent quality

with precise control up to $\pm 0.1N$, enabled by a 6 axis F/T Sensor

✓ Flexibility

Customizable for diverse manufacturing environments



✓ Efficiency

16 hours daily capacity
& **2x work speed boost**

An example of automotive body surface polishing using AIDIN's solutions.

Suitable for grinding, surface treatment, and machining in **various production environments** !



Automotive



Home appliance



Electronics /Semiconductors



Medical



Aerospace



Shipbuilding /Maritime



Construction / Interior

Why **AIDIN Force Control Solution?**

▼ The advantage of AIDIN Force Control solution



Self-developed 6 axis F/T sensor & high-performance robot controller ensure $\pm 0.1N$ precision



High productivity with 16 hours daily operation



Robot performs control execution with no additional equipment



Easy & Fast

Intuitive interface for easy programming and fast deployment



Ensures uniform quality over manual labor



Low initial cost, ROI within 2 years

▼ The composition of AIDIN Force Control Solution



Collaborative Robot (Universal Robot UR10e)



6 axis F/T Sensor (AFT200)



Robot Motion Controller (ARC)



Other customizable tools (Tailored to fit the customer environments)

* Released in 2025

Solution Introduction



Homepage



Contact Us



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