The Technology Behind Everyday Electronics



Have you ever wondered how everyday electronics are produced with such precision and consistency?

From the forming of metal plates, welding processes, assembly, to quality control inspection process, modern electronic manufacturing requires highly reliable automation systems.

In our latest video, we showcase how Mitsubishi Electric automation solutions support the production of household electronics such as washing machines.

Key technologies featured in the production process include:

• Induction Motor Super Line Q Series driving roll forming processes

• MELSERVO-J5 Servo System ensuring precise welding operations

• Inverter A800 supporting lifting and assembly operations

• MELSEC FX5U PLC & GOT Simple HMI enabling monitoring and control during quality inspection

• ME96SS Energy Monitoring supporting efficient energy management

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These technologies work together to ensure stable production, high precision, and reliable quality control throughout the manufacturing line.

📹 Watch how Mitsubishi Electric solutions help build the electronics we use every day.

https://youtu.be/R1szuQMu2Tw?si=IdjMnWISb9Wq0mSe

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