Addressing Skilled Workforce Shortages in Food & Beverage Manufacturing



The Food & Beverage (F&B) industry is facing an increasing challenge: a shortage of skilled workers. As experienced operators retire, manufacturers risk losing not only manpower, but also valuable production knowledge built through years of experience. This can lead to longer training times, operational inefficiencies, and potential disruptions in production.

To help manufacturers overcome these challenges, Mitsubishi Electric provides automation and digital solutions that support workers while maintaining productivity and product quality.

Supporting Workers with Automation

Collaborative robots (cobots) and automation systems can assist operators with repetitive or physically demanding tasks such as material handling, packaging, and palletizing. These technologies help reduce workload while maintaining consistent production performance.

Preserving Knowledge and Accelerating Training

Digital technologies such as AI analysis and digital twins enable manufacturers to capture operational knowledge and use it for training new employees. This allows workers to quickly understand production processes and operate equipment more efficiently.

Improving Operational Awareness

Production visualization tools, such as Andon systems, allow teams to monitor factory conditions in real time. By providing clear production status and alerts, these systems help improve communication and encourage continuous improvement across the production line.

By integrating automation, digital training, and production monitoring, manufacturers can build a more resilient production environment while addressing workforce challenges in the F&B industry.

Learn more about Mitsubishi Electric solutions for Food & Beverage manufacturing

MITSUBISHI ELECTRIC INDONESIA

---

www.mitsubishielectric.com/fa/id

www.mitsubishielectric.co.id

Follow us

Factory Automation and Industrial Division

Branch Office
Jl. Kenari Raya Blok G2-07A, Delta Silicon 5,
Lippo Cikarang - Bekasi 17550, Indonesia
Phone: +62-21 29617797

Head Office
Trinity Tower Lantai 43 – Suites 09-16 & 01
Jl. H.R. Rasuna Said Kav. C-22, Blok II-B RT.2/RW.5,
Karet Kuningan, Setiabudi Jakarta Selatan DKI Jakarta 12940
Phone: (021) 50916600