AUTOMATION REIMAGINED: HURCO PRESENTS COST-EFFECTIVE SOLUTIONS FOR SMALL BATCH SIZES

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Automation is not yet standard in single-part and small-batch production. However, increasing task consolidation and a lack of personnel are prompting many contract manufacturers to look for robotic solutions. At EMO 2025 (Hall 12, Booth C60), machine tool manufacturer HURCO will be providing information about purpose-built automation solutions for efficient small-batch production.

With its ProCobots systems integrated into the control system, HURCO aims to make automation on the machine attractive to everyone and help reduce error rates and downtime. The robot arm works with most of the machine manufacturer's models and ensures efficient workflows on the machine tool manufacturer's 3-axis milling machines, lathes, and 5-axis machining centers. HURCO is bringing the new ProFeeder EasyDesk 30, at HURCO VMX 42Di to EMO, a robot solution for parts handling with a payload of up to 30 kilograms. The jobs to be completed are managed and programmed directly via the Job Manager on the machine. Several jobs can be set up simultaneously, and components can be distributed individually within the grid plate.

New 5-axis machine for tool and mold making

The TAKUMI machine portfolio has been expanded to include a 5-axis machine in a traveling column design with a swivel bridge. The new UA 400 will be on display at EMO and, like all TAKUMI models, is designed for workpieces that require particularly high precision and surface quality. The machine is compact and space-saving, is controlled by the latest Heidenhain TNC 7 generation, and can be loaded ergonomically. Thermal stability is ensured by targeted cooling of the spindle and sensors to compensate for spindle growth, while an integrated chip flushing and chip management system takes care of chip removal.



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