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## New Rexroth EcoShape Tubular Framing System Ideal for Lean Factories



Rexroth's tubular framing system EcoShape makes it easy to connect square and round elements. Cost-efficient solutions round out Rexroth's extensive aluminum framing system

Rexroth's new tubular framing system, EcoShape, used in combination with components from Rexroth's Manual Production Systems (MPS), makes it easy to construct custom workstations, material shuttles or flow racks. EcoShape's easy-to-use design allows customers to quickly create new solutions or optimize and extend old ones. This makes it possible to continually improve existing assembly lines and avoid errors through the application of the kaizen or poka-yoke principles in a lean manufacturing setting.

EcoShape is based on reusable and recyclable anodized aluminum profiles and also includes caps and connection elements. Special adapters from Rexroth's modular aluminum framing system are also available for the aluminum profiles, for applications requiring high load-bearing capacities. With Rexroth's connection technology that compensates for minor length differences, workers can easily cut and set up the aluminum tubes on-site. These intuitive connection elements are bolted together for easy re-use or reconfiguration, while ensuring securely-fastened, high-performance structures.

The user also saves time designing the system, as the graphical components of the tubular framing system are included in Rexroth's MTpro planning software. Using a drag-and-drop interface, the desired components can be assembled within a virtual 3-D scene.

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# Press Release

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