

Impro
Fluidtek

Impro Fluidtek Low-Speed, High-Torque Motors

PROVEN LSHT MOTORS WITH RELIABLE DELIVERY

Impro Fluidtek low-speed, high-torque motors are a key workhorse in hydraulic systems. Designed to generate substantial torque at relatively low rotational speeds, these motors can often replace a separate gearbox, saving space and complexity while still delivering the torque and speed your machines demand. Whether powering conveyors in a steel mill, augers, sweepers, or heavy forestry attachments, low-speed, high torque (LSHT) motors are valuable for their compact size, smooth operation, and rugged performance.

At Evolution Motion Solutions, LSHT motors aren't just another product line. We deliver them with the availability, engineering expertise, and integration capabilities that help you keep machines running and projects moving forward. Not only do we stock Impro Fluidtek LSHT motors, but we support them across their entire lifecycle and can engineer them into larger hydraulic and motion systems.



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Why Choose Evolution for Low-Speed, High-Torque Motors?

Inventory Management

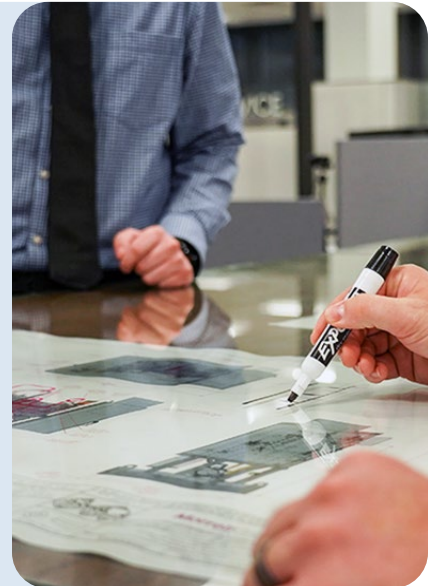
With Evolution Inventory Management (EIM), we ensure you have the exact components you need, exactly when you need them. Our program provides proactive inventory solutions, including low-speed, high-torque motors, that keep your machines moving. We'll work with you to understand your machines, hold protected LSHT inventory, and schedule them for on-time delivery to avoid long or unpredictable lead times.



Engineering Support

Our engineering teams support you through every stage of a product's lifecycle:

- Selection: Identifying the right motor for your system requirements
- Integration: Ensuring the motor is paired with proper valves, manifolds, and circuits
- Optimization: Fine-tuning controls for speed, pressure, and load management
- Maintenance: Supporting long-term performance with application knowledge and service
- Replacement and Delivery: Providing on-time replacements with short lead times through EIM



Bundling into Bigger Solutions

We can connect LSHT motors into complete motion solutions, whether that's a hydraulic package or a full system solution with electronic controls.

- Mounted manifolds for compact, precise assemblies
- Integrated relief, priority, and flow control valves for streamlined operation
- Electronic control integration for simple speed and pressure adjustments
- Complementary products like counterbalance valves or control circuits for safety and efficiency



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