

Custom Lift Solutions

for Process and Operations Excellence



**Comprehensive In-House Engineering,
Manufacturing & Support**

Specific Challenges Need Specific Solutions.

There are two types of lift systems available for industrial applications: those that have been engineered and built to the unique requirements of each customer and application, and those that haven't.

The benefits of the first approach include greater safety, performance and productivity, easier integration into existing processes, longer service life, reduced downtime, lower maintenance expense, improved ergonomics, and higher ROI. Depending on supplier, the second approach could represent nothing more than a potentially expensive set of compromises.

By choosing an EnKon by Herkules lift system, you can be certain your needs will be reflected in every design element and construction feature. In fact, we encourage customers to be involved at each step of the journey, from the initial phone call to delivery and installation, to ensure a superior outcome.

Here's how this journey will benefit you:

DETERMINING YOUR DIRECTION

We'll begin by identifying the exact requirements of your application. What is the duty cycle? How low will it need to be? How fast? EnKon by Herkules engineers will use this and other key information to ensure the finished system performs to your highest expectations.

IDENTIFYING YOUR OPTIONS

Every project requires unique solutions. We'll help you understand all the options available in developing the ideal lift system for your process requirements, timing and budget.

LONG-TERM SUPPORT

Our passion for your success won't end with the installation of your new lift. Our engineering and support professionals are always available to help address any issues or identify new opportunities to enhance process automation for your business.



Expertise

EnKon by Herkules lift systems are engineered and manufactured exclusively by Herkules Equipment Corporation in the company's ultra-modern, ISO 9001:2015 certified facility near Detroit, Michigan.

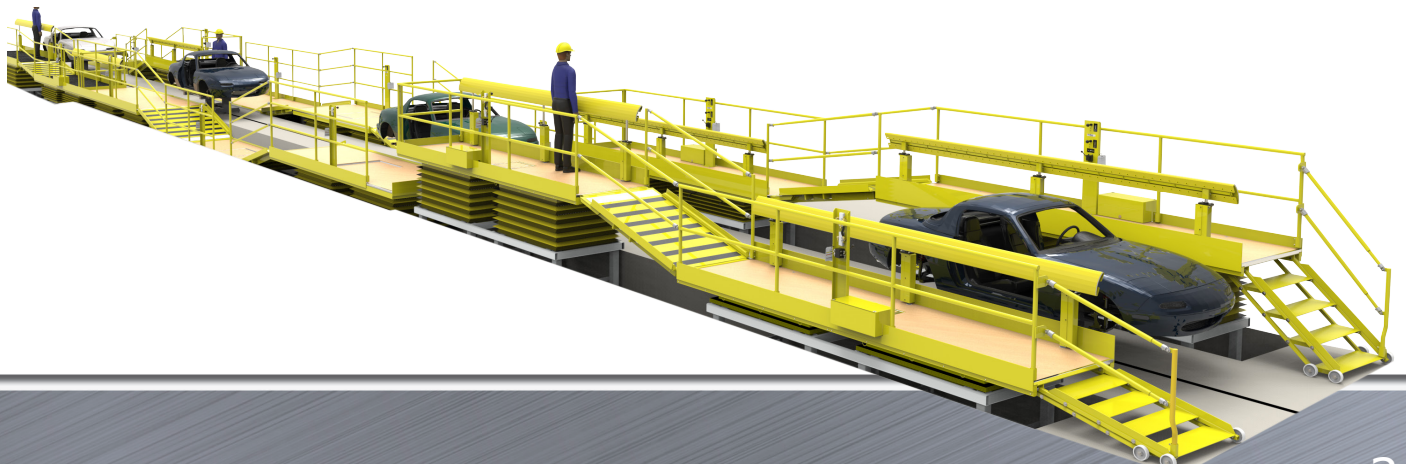
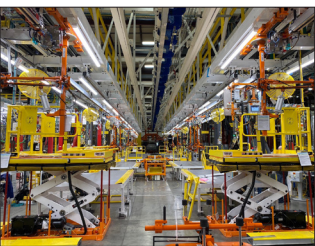
Founded in 1985, Herkules is a globally respected manufacturer of highly advanced, exceedingly durable equipment and robotic automation systems used in manufacturing, material handling and dozens of other industrial applications.

EnKon by Herkules scissor lift table solutions provide seamless integration into new, advanced automation systems as well as existing systems and processes. And each is backed by a team of highly skilled service and support professionals based in the USA.



Solutions

- Advanced automation lifts
- Automated guided vehicle (AGV) lifts
- Conveyor lifts
- Belt drive lifts
- Ball screw lifts
- Air lifts
- Hydraulic lifts
- Low-profile lifts
- Switcher systems
- Tilts
- Lifts & tilts
- Lift & rotates
- Rotates
- Rotate & tilts
- Line-side lifts
- Post lift systems
- Cart lifts
- Operator lifts
- & more



Vertical Robot™ Scissor Lifts



Belt Drive Lift

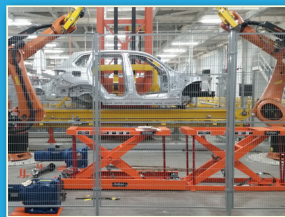
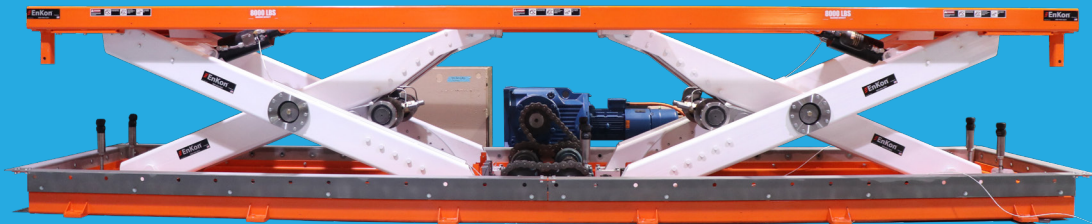
Belt Drive for Precision Control

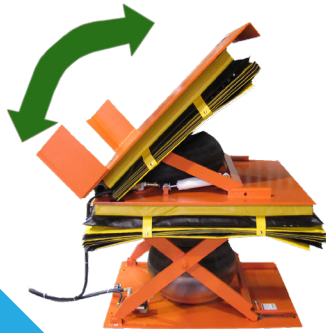
EnKon belt drive scissor lift tables are customizable to your exact specification. We refer to them as “Vertical Robots”, accommodating advanced automation applications by accurately positioning product in various calculated heights for repeatable accuracy and precise control. Raise loads as fast as 12 in./sec. or as slow as .03 in./sec. for precise applications. These lifts are 100% electric powered for clean, green operation. Designed, tested, and manufactured in the USA, our Vertical Robots offer unsurpassed quality that will last for millions of cycles.

The following safety features are available as standard or optional: fully redundant secondary anti-fall locking device, fast-acting normally-locked motor brake, multiple belt system, system-ready safety switches on each belt, maintenance safety device, emergency stop switch, upper limit switch, upper over-travel limit switch, lower limit switch, lower over-travel limit switch, safety toe stop and safety bellows skirting . Other features include one-touch controls, multiple position automated controls and controls for explosion protection.



Belt Drive Lift





Rotate & Tilts



AGV Lift



Post Lifts



Cart Lifts



Unmatched In-House Support

DETAILED ENGINEERING SERVICES

- Aerospace
- Chemical
- Civil
- Electrical & electronics
- Electro-mechanical
- Fluids & thermal
- Mechanical
- Specialized data acquisition & control systems
- Structural



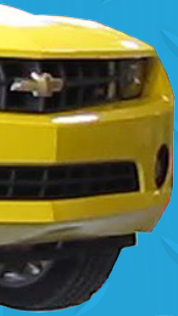
PRODUCT DEVELOPMENT SERVICES

- Integration & testing operations, maintenance, sustainability
- Project management
- Systems engineering

DESIGN, DEVELOPMENT & PRODUCTION

- Complex systems engineering, validation
- Complex welding, tubing, wiring
- Control systems design for Hazardous classifications
- Documentation control system: ISO Certified
- Hardware specifications
- Liquid & gas process system design, fabrication, installation, checkout
- Piping & pipe-support design, fabrication, installation
- Process system instrumentation
- Programming for HMI & PLC
- Systems for specialized environments
- Systems integration
- Stress analysis, heat transfer, thermal flow
- Vacuum system design, fabrication, installation, validation

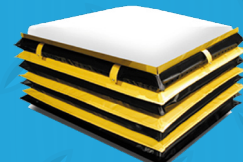
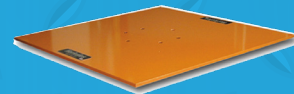
Modular Components/Systems



READY-TO-SHIP SYSTEMS, BUILT TO LAST

When you need to address a new process requirement right now, EnKon by Herkules has the solution. Our off-the-shelf, modular systems – designed and built right here in the USA – enable customers to save time and money on a standard system that will provide years of productive service.

This modular approach also enables users to add new, bolt-on features and functionality as their needs change.



Tested and Certified

Providing companies worldwide with quality material handling systems, Herkules has thoroughly tested every technology used for our EnKon lift tables.

Our patented Vertical Robot™ electric scissor lift table systems provide precision control at all positions and speeds, the result of our patented technology and controlled descent devices that meet ANSI standards. Tests and actual application performance validate that these lifts can run for millions of cycles with little to no repairs needed.

Our patented air-bag technology is known for its performance and reliability. Herkules air-bag powered lifts offer the advantages of a low-profile design with the powerful performance of a one-to-one lift ratio. Fewer moving parts mean repeated cycles with fewer incidents.

Herkules is also committed to maintaining high standards with our practices and processes, which is why our company has earned ISO certification, an internationally recognized industry standard that requires a commitment to both quality and continuous improvement.

PATENTED



MADE IN THE USA

PATENTED



PATENTED



MADE IN THE USA



Herkules Patent Numbers - These products have patent protection under one or more of the following patent numbers: 9422142, 8733508, 8714524, 866247,8052120, 7070167, 5485860, 5193561, 5174317, 4960142, 4793369 and Patents Pending

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