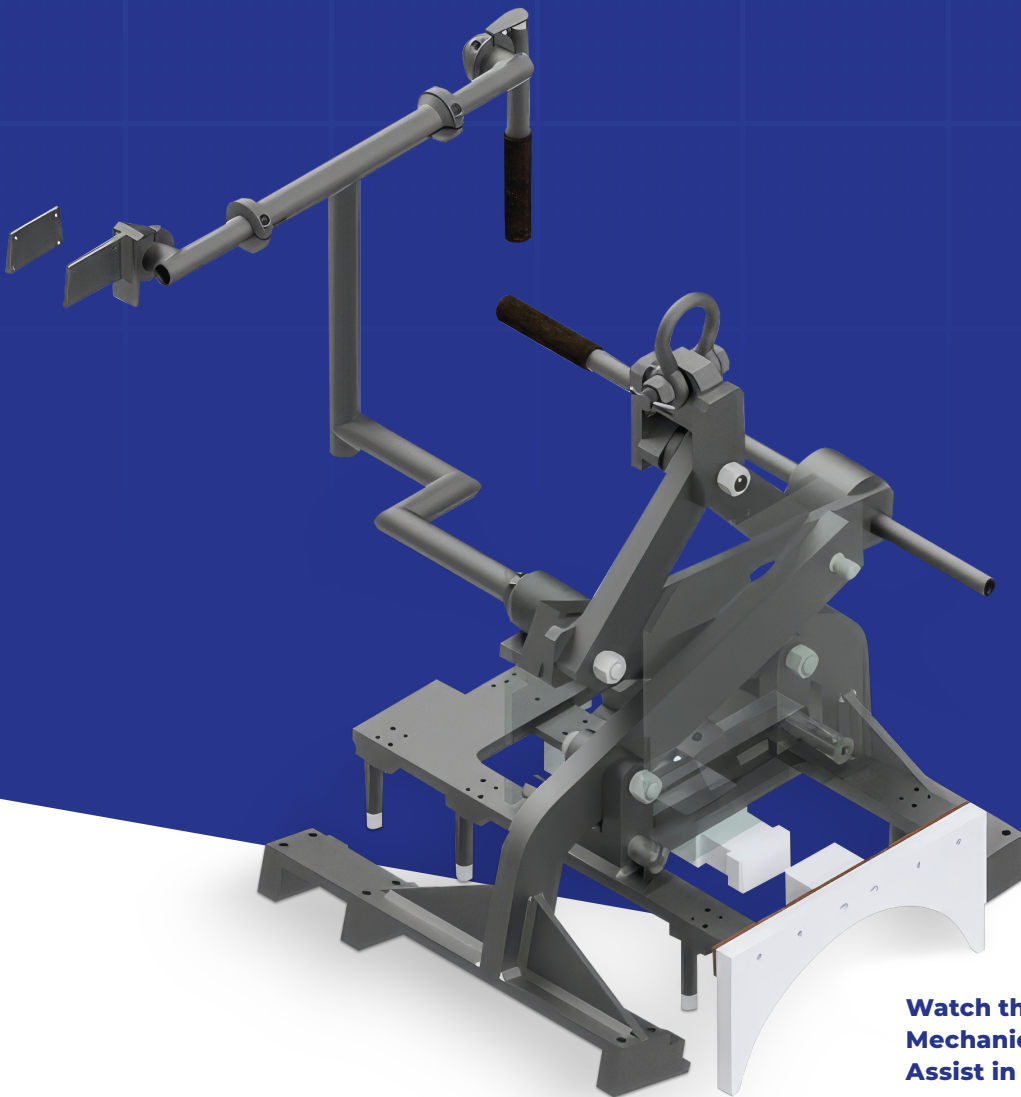


Mechanical Lift Assist with Simplified Operation

Custom mechanical lift assist enhances safety and efficiency in heavy lifting operations, eliminating the need for electrical or pneumatic systems while reducing maintenance requirements.

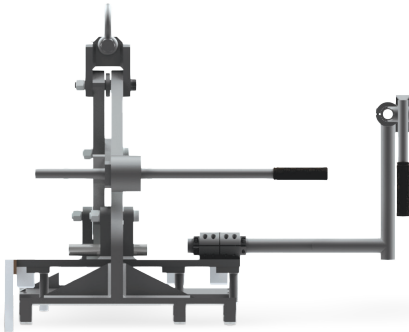
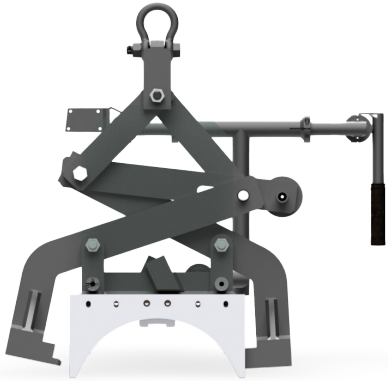


Watch the
Mechanical Lift
Assist in Action



▶ CASE STUDY

Mechanical Lift Assist with Simplified Operation



Challenge

Moving heavy subassemblies from dunnage racks to assembly lines often requires complex lift systems that rely on electrical or pneumatic power, increasing maintenance and requiring dedicated overhead cranes.

Solution

- ▶ **Mechanical Lift Assist:** A below-the-hook mechanism for manually lifting heavy subassemblies, eliminating the need for powered systems.
- ▶ **Locking Mechanism:** Engages with a slight downward handle pressure, holding the subassembly securely until set down.
- ▶ **Integrated Eye Bolt:** Easily connects to an overhead hoist for efficient movement across the facility.
- ▶ **Operator Control:** In some setups, includes a handle with integrated controls for electric hoists for added versatility.

Outcomes

The Mechanical Lift Assist with Simplified Operation from NMI Innovations has delivered measurable improvements in workplace efficiency and safety, including:

- ▶ **Safety:** Prevents accidental release, minimizing risk and ensuring secure transport.
- ▶ **Efficiency:** Reduces maintenance and streamlines heavy lifting operations.
- ▶ **Versatility:** Easily integrates into different workflows and can be adapted for electric hoist use.

Nothing is more critical than your facility's safety and efficiency. NMI collaborates with our clients to provide custom-engineered, ergonomic equipment that seamlessly fits into existing workflows. Our commitment to innovation and user-centric design has led to hundreds of assembly and handling solutions, all purpose-built for today's industrial workspace.



CONTACT US TODAY TO GET STARTED ON YOUR CUSTOM SOLUTION.