

INTRODUCING OUR HYDRAULIC JACK PROGRAM

New Construction | Modernization | Refurbishment

Hydraulic Jack Solutions, Simplified.

The Alliance Jack Program provides a complete range of hydraulic jack solutions for new construction, modernization, and refurbishment. From single-stage holeless, two-stage telescopic holeless, and in-ground (borehole) configurations to OEM-backed refurbishment programs, our solutions are designed to support the needs of independent elevator contractors, OEMs, and modernization specialists.

In partnership with D.L. Martin (DLM), a trusted hydraulic cylinder manufacturer with more than 40 years of experience, Alliance delivers high-quality jack solutions that simplify installation, reduce complexity, and keep projects moving.

That's JACKS, SIMPLIFIED.

ELEVATORS, SIMPLIFIED.

AllianceElevator.net | 888-960-5596

335 Nova Drive, Greencastle, PA 17225, USA



Single Stage Holeless Jacks

Single stage holeless jacks provide a dependable, drill-free solution for low-rise hydraulic elevator applications. Designed for straightforward installation and seamless integration with standard components, they are a practical choice for both new construction and modernization projects.



Cost-Effective Solution

By eliminating drilling and associated site work, holeless systems help reduce overall project costs.



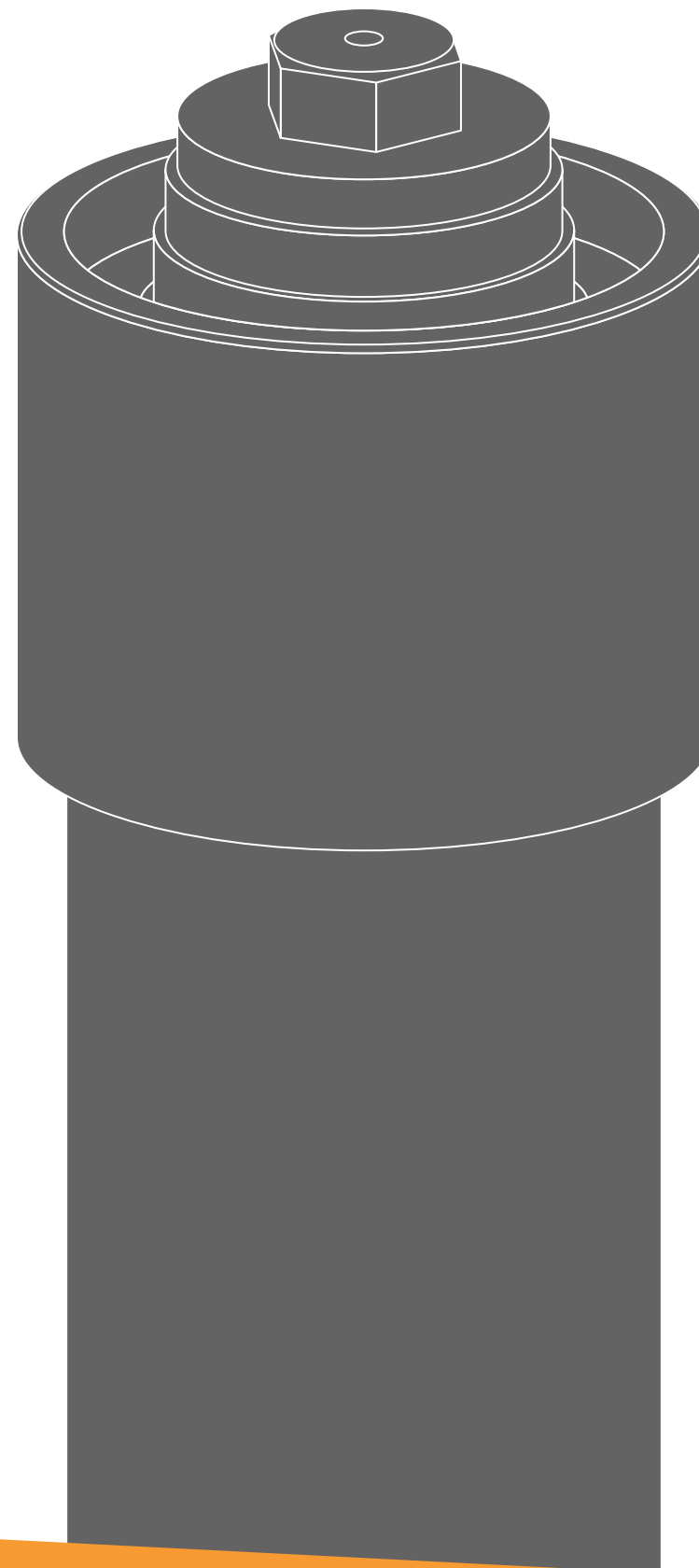
Efficient Installation

A streamlined installation process helps reduce time on site and simplify projects.



Accessible for Service

Above-ground components allow for easier inspection, maintenance, and ongoing service.



Specifications:

- Plunger Diameter: Up to 6.5"
- Cylinder Diameter: Up to 8"

Standard Equipment:

- Round base plate with locating pin
- 1 1/8"-7 NC threaded plunger cap
- Grooved inlet/outlet with a diameter of 2"
- Bleeder/recuperator port location 180° from inlet

Optional Items:

- Rectangular base plates may be parallel or perpendicular to the inlet
- Square base plate
- Threaded (NPT) male inlet
- Custom bleeder port valve location in 10° increments
- Additional seal kits

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Two-Stage Telescopic Holeless Jacks

Telescopic jacks are a multi-stage hydraulic solution designed for applications requiring greater travel. By using multiple stages, this configuration achieves extended travel within a single jack assembly while maintaining a similar footprint to a single-stage jack.



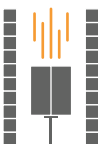
Extended Travel in a Compact Design

Provides greater travel within a single jack assembly without significantly increasing overall length.



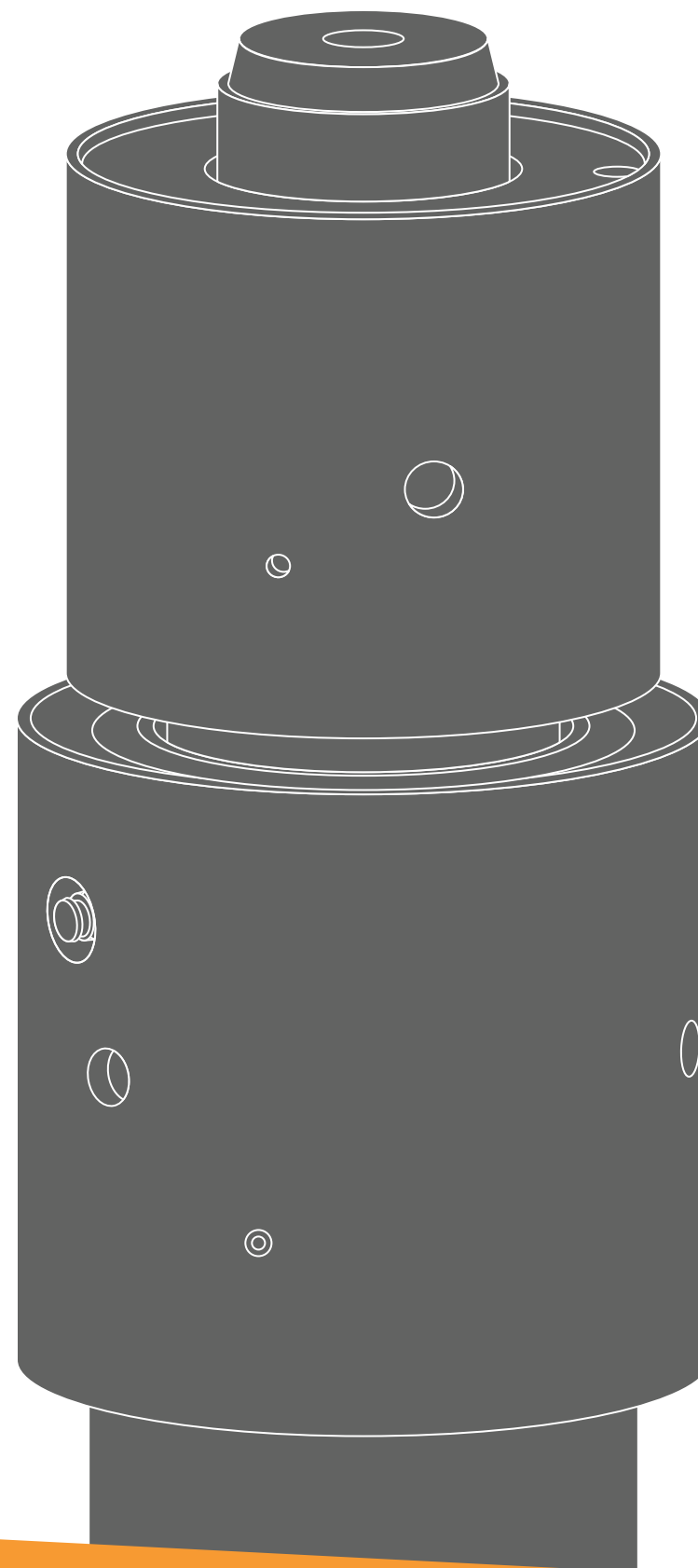
Self-Contained Multi-Stage Design

All stages are integrated within the jack, minimizing the number of separate components to coordinate and install.



Smooth, Consistent Operation

Multi-stage design provides steady, consistent movement throughout travel.



Specifications:

2.50"

- 1st Stage Plunger: Ø 2.408"
- 2nd Stage Plunger: Ø 3.348"
- Cylinder: Ø 4.756"

2.75"

- 1st Stage Plunger: Ø 2.754"
- 2nd Stage Plunger: Ø 3.937"
- Cylinder: Ø 5.593"

3.50" (Coming Soon)

- 1st Stage Plunger: Ø 3.341"
- 2nd Stage Plunger: Ø 4.720"
- Cylinder: Ø 6.693"

Standard Equipment:

- Dual jack/post setup
- Bleeder/recuperator port location 130° and 230° from inlet
- Round base plate with locating pin
- 1 1/8"-7 NC threaded plunger cap
- Grooved inlet/outlet with a diameter of 2"

Optional Items:

- Rectangular base plates may be parallel or perpendicular to the inlet
- Square base plates
- Threaded (NPT) male inlet
- Custom bleeder/recuperator port valve location in 10° increments, always 100° apart
- Additional seal kits

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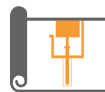
Single Stage In-Ground (Borehole) Jacks

In-ground (borehole) jacks are a proven hydraulic solution installed below ground. This configuration provides dependable performance with a straightforward mechanical design and is typically used in new construction or in modernization projects where an existing borehole is in place.



Supports Higher Capacity Applications

Well-suited for higher capacity requirements, including passenger, hospital, and freight applications.



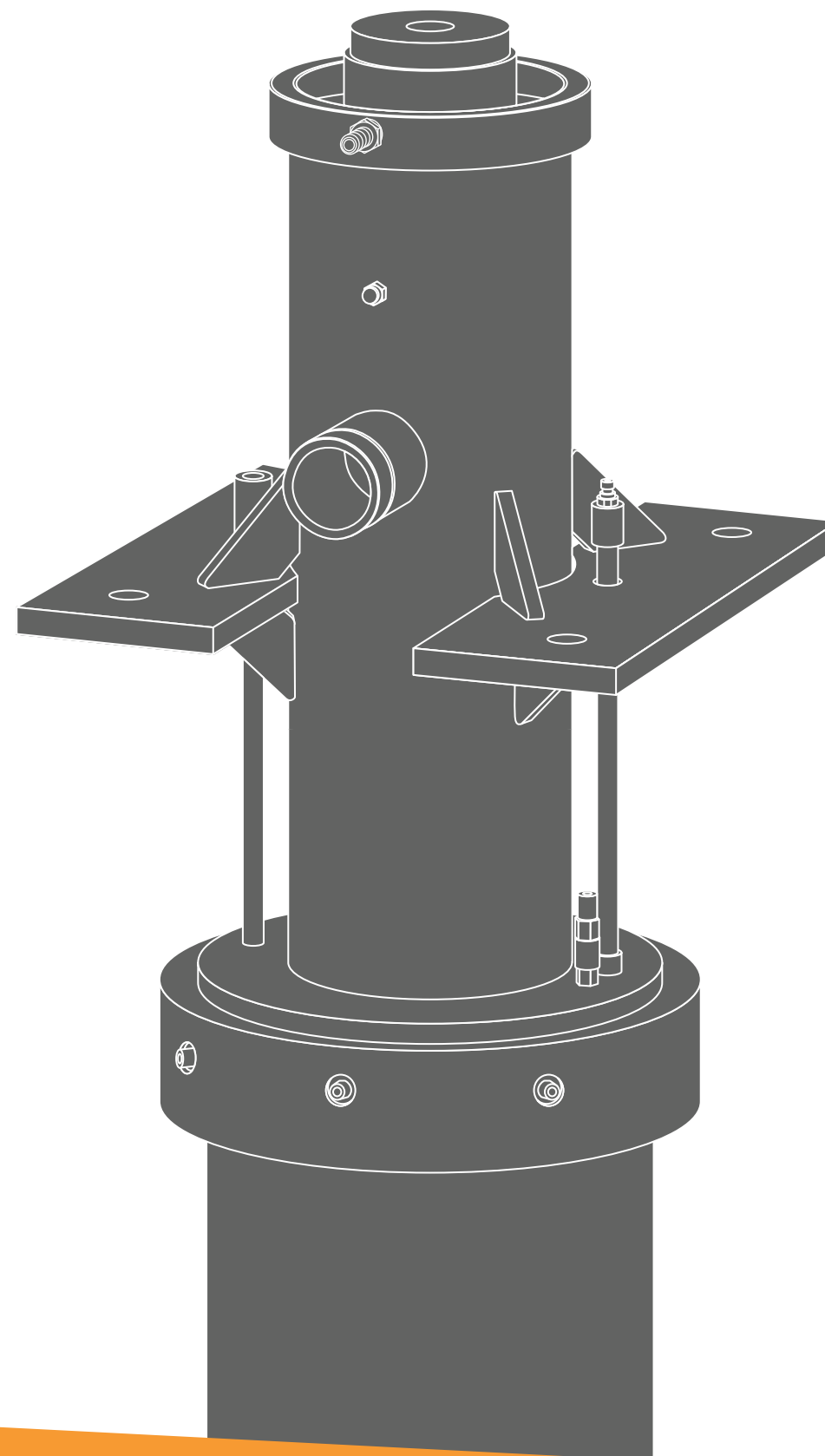
Simple and Direct Design

A direct configuration without posts or roping reduces the number of components within the system.



Well-Suited for New Construction

Ideal for new construction projects where a borehole can be incorporated into the building design.



Specifications:

- Plunger Diameter: Up to 8"
- Cylinder Diameter: Up to 10"
- Joints: Threaded/Non-Welded

Standard Equipment:

- Plunger
- Cylinder
- Grooved inlet/outlet with a diameter of 2" and 3"
- 1 1/8"-7 NC threaded plunger cap
- W2S pressurizable PVC Sch40 and single wrap cylinder protection

Optional Items:

Cylinder Protection:

- Single wrap cylinder protection PVC provided by others
- W2S pressurizable PVC Sch80 and single wrap cylinder protection
- W3 flexible PVC liner with monitoring tube and single wrap cylinder protection
- Threaded (NPT) male inlet with a diameter of 2" and 3"
- Overspeed (OSV/PRV) valves
- Ball valves
- Additional seal kits

Pit Components:

- Spring buffers
- 6" high pit channels
- Hardware kit for pit equipment

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Factory Refurbishment Schindler 330A/321A Jacks

AES offers an OEM-backed refurbishment program for Schindler 330A/321A inverted jacks, providing a practical alternative to full replacement. Performed by DLM, the original manufacturer, this program simplifies the process, reduces downtime, and restores each jack to original specifications.



OEM-Backed Refurbishment

Performed by the original manufacturer (DLM) to ensure quality, consistency, and performance.



Simple, All-Inclusive Process

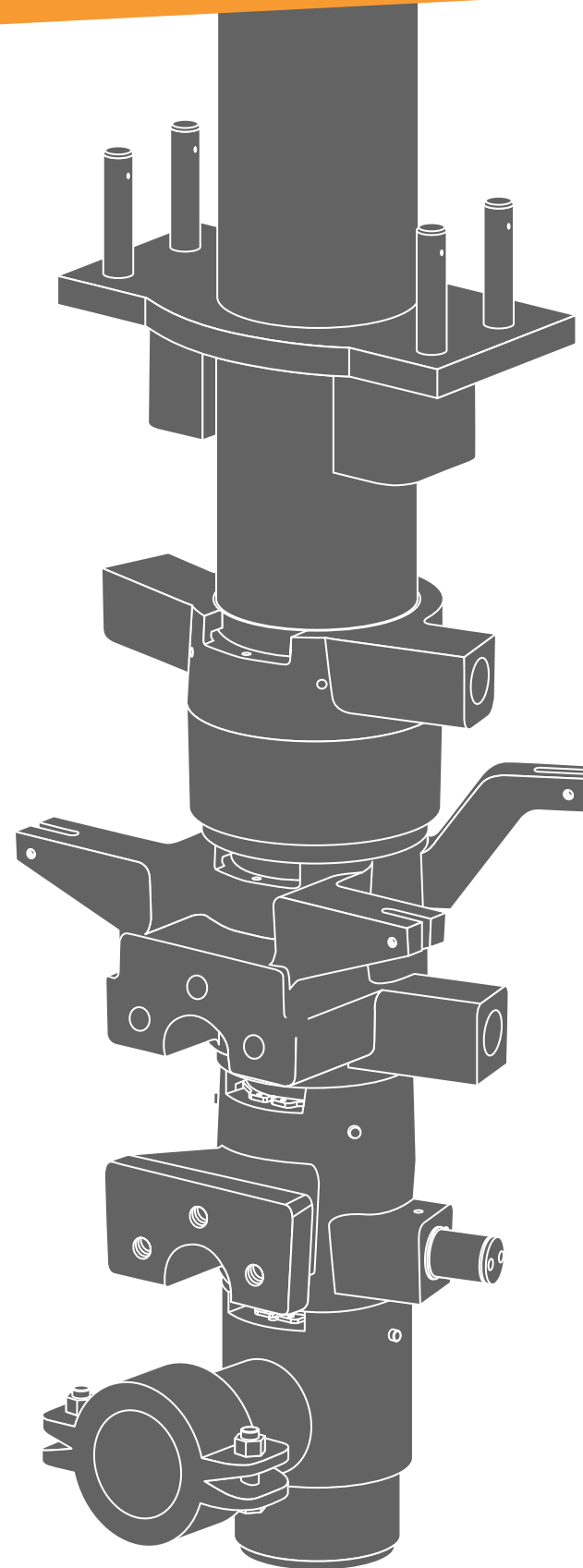
Crate delivery, return shipping, and refurbishment are included, reducing coordination and simplifying the job. All steps are managed through the ToolBOX™, allowing you to quote, order, and track progress in real time.



Fast Turnaround

Our streamlined refurbishment process features a two-week manufacturing lead time, helping reduce elevator downtime and minimize disruption to tenants. Shipping and transit times vary by destination.

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What's Included



Complete
disassembly
& inspection



Reconditioning of
major components
as needed



Final testing to
OEM
specifications



Replacement
of seals & wear
components



Cleaning,
repainting,
& reassembly



1-year warranty on
complete jack assembly
(parts only)

How It Works

The refurbishment process is designed to be simple and straightforward, with everything you need provided from start to finish.

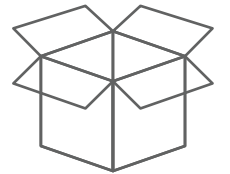
STEP 1



Place Order

A crate with all required materials is shipped to your jobsite.

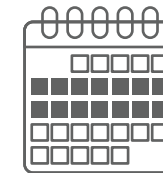
STEP 2



Pack & Return

Use the provided materials and prepaid labels to return the jack to us.

STEP 3



2-Week Refurbishment

DLM completes full disassembly, inspection, and refurbishment.

STEP 4



Return to Jobsite

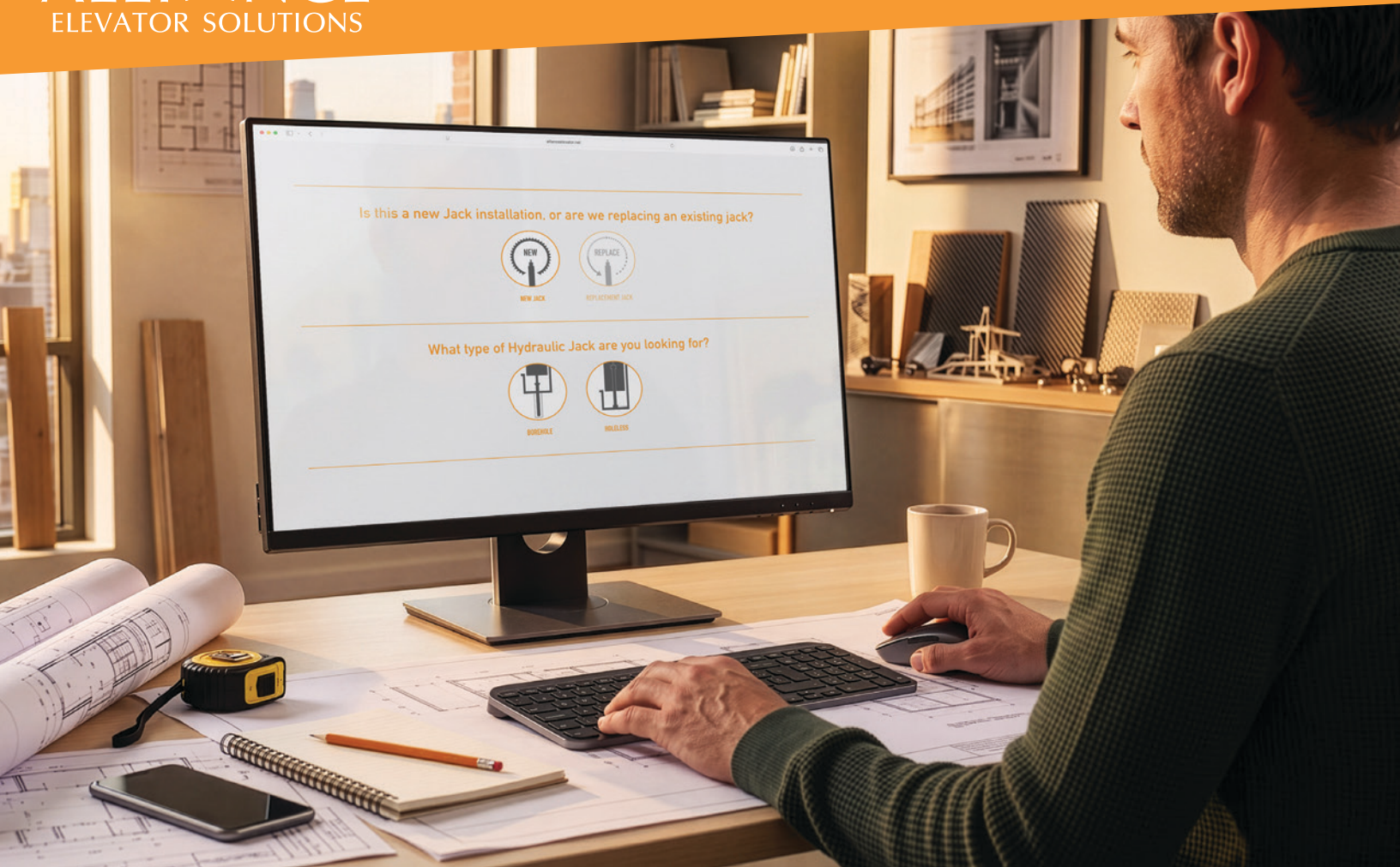
The fully refurbished and warrantied jack is shipped back to your site.

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Contractor-Focused Support

Our experienced team understands elevator applications and provides responsive support throughout every stage of your project.



24/7 Online Quoting

Generate jack quotes anytime using our guided, intuitive configurator that simplifies quoting, supports code compliance, and ensures accurate pricing.



Real-Time Project Management

The ToolBOX™ provides real-time visibility, material tracking, and centralized project management to keep your projects moving from kickoff through delivery.



Transparent Freight Pricing

Receive current freight pricing with every quote, helping you budget accurately and avoid unexpected shipping costs later.



Flexible Payment Options

Pay by credit card, ACH, or check for added convenience and purchasing flexibility.



Convenient Storage & Delivery

Our 80,000+ sq. ft. Northeast facility provides secure storage for completed orders until you're ready for delivery, simplifying project scheduling and logistics.

Why Contractors Choose Alliance

Choosing Alliance Elevator Solutions means more than just purchasing a hydraulic jack. It means working with a partner committed to simplifying every stage of your project, from quoting and ordering to manufacturing, delivery, and long-term support.



Built on Proven Manufacturing

Every AES jack is manufactured in partnership with D.L. Martin, combining decades of hydraulic cylinder expertise with rigorous manufacturing processes and industry-recognized quality standards to deliver dependable, long-term performance.



Quality & Compliance Standards

- ASME A17.1-2013 compliant
- ISO 9001:2008 certified
- CWB approved to CSA W47.1, Division 3
- AWS certified welders
- Zero-defect AQL 1.5 inspection program



Chris Snow-Whittles
Northeast Regional Sales Manager
CSnow@AllianceElevator.net
888-960-5596 EXT. 134



Adam Engman
Southeast Regional Sales Manager
AEngman@AllianceElevator.net
888-960-5596 EXT. 119



Karissa York
Central/West Regional Sales Manager
KYork@AllianceElevator.net
888-960-5596 EXT. 136

Ready for Jacks, Simplified?

Contact your Regional Sales Manager, visit AllianceElevator.net, or log in to the ToolBOX™ to start a quote or learn more.

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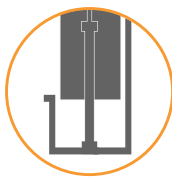
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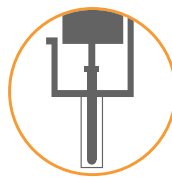
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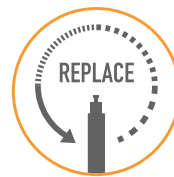
SINGLE STAGE
HOLELESS



TWO-STAGE
TELESCOPIC
HOLELESS



SINGLE STAGE
IN-GROUND



FACTORY
REFURBISHMENT

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