

# INNOVATIVE ENGINEERING DESIGNED FOR YOU

To create the best ratchet lever hoist on the market, Columbus McKinnon started with a fundamental question – how do people use ratchet lever tools to perform their jobs?

To answer that question, a global team of Columbus McKinnon engineers and application specialists worked with the Institute for Product Innovation at the University of Wuppertal, Germany, to perform an in-depth ergonomic study. Research included more than 200 voice-of-customer interviews across 10 countries, as well as numerous on-site evaluations of real-life applications for traditional lever tools.

The study revealed that lever hoists are more often used for pulling and securing than they are for lifting. And, in many applications, proper, safe and ergonomic use is not possible.

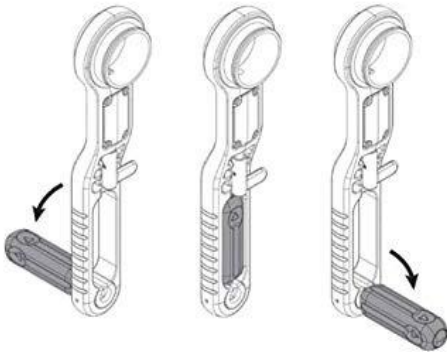
Using the data collected, Columbus McKinnon engineered and built a first-in-class product that exceeds the ergonomic and performance expectations of our customers around the world.

The result is not simply the best, but rather one of the most innovative and safest ratchet lever hoists in the world – the Yale *ERGO 360* featuring our patent-pending crank handle.



# THE REVOLUTIONARY CRANK HANDLE

- 360° rotation increases efficiency, allowing operators to work up to 12 times faster than with a conventional ratchet lever hoist.
- Requires 30% less pull force to operate.
- Easy and effective operation from any angle with handle that folds down and locks into position on either side of the lever.
- Design keeps the operator's body aligned with the load chain, reducing the risk of the twist effect – when a hoist twists around the chain. No need to use a second hand to stabilize the hoist.
- Operator can securely grip the grooved, no-slip handle.
- Crank handle made of durable poliamide with a heavy-duty steel core for rugged use.



**DISTINCTIVE  
((( CLICKING SOUND )))**  
**ENSURES THE HANDLE  
IS LOCKED INTO POSITION**

To return handle to upright position,  
simply pull the handle outward  
and snap into place inside the lever.



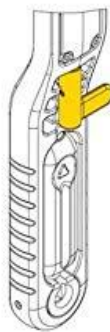
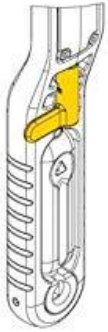
## EASILY CHANGE YOUR GRIP TO SUIT THE APPLICATION

The YaleERGO 360 gives operators ultimate flexibility. When an application requires a customary ratcheting hand grip, the YaleERGO 360 can be operated like a traditional lever tool when the lever handle is in the upright position.

# EASY-TO-USE DIRECTIONAL CONTROL & FREE CHAINING

## CONVENIENT DIRECTIONAL INDICATOR

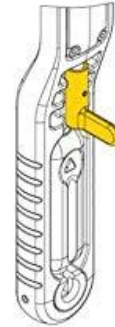
Easy-to-use, highly visible directional indicator window located in the handle clearly shows the operating direction as lifting (▲), lowering (▼) or neutral (N).



## EASY & SMOOTH FREE CHAINING

Allows for quick take up and positioning of slack chain – even with one-handed use. Designed not to accidentally free chain while under load. Cast chain end stop allows the user to quickly position the chain in free-chaining mode and prevents it from entering the liftwheel and jamming the hoist.

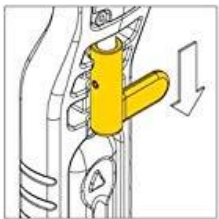
In this mode of operation, the chain can be pulled through the hoist in either direction by hand for quick attachment to the load. To engage the free chaining feature, remove the load and move the directional lever to the neutral (N) position.



## SAFE & SECURE

### SELECTOR LEVER LOCKS IN PLACE TO PREVENT ACCIDENTALLY SWITCHING.

Pull down on the selector lever to unlock it, turn it to the desired direction, and release it into the locking position.



## EASILY CARRY & TRANSPORT WITH JUST ONE HAND

When folded out, the lever handle can serve as a carrying grip for easy transport. Simply attach the end stop to the hook and slip the hook onto the crank handle to lift and carry the unit with one hand.





#### BETTER BY DESIGN

Unique body design allows the YaleERGO 360 to lay flat to minimize tipping or slipping during operation.

## EXPERIENCE THE 360° ADVANTAGE

The YaleERGO 360 joins the Columbus McKinnon family of hoist products that harness the versatility and safety of 360° engineering and design. The YaleERGO's companion product – the Yalelift 360 – is a one-of-a-kind manual chain hoist. Its patented hand chain cover rotates a full 360° to allow for pulling and lifting of loads from virtually any angle, helping to minimize side-pulling.

With capacities from 500 up to 20000 kg and ultimate flexibility, the Yalelift 360 hand chain hoist is ideal for a wide range of applications.

