

The Revolution Lift™

Elevating Operator Safety™ and improving efficiency by revolutionizing manway/head lift technology.



The Revolution Lift™ Basic Features and Benefits

- Easy push-button electric lift assembly, accessible via basic control panel.
- Sealed mechanical screw design, which halts vertical movement in case of electrical failure.
- Lifts manway covers or removable heads up to 350lb.*
- Standard stop collar allows for a fixed position and 0° to 110° rotational travel (left or right).
- Tension adjustment knob tailors horizontal travel speed and also locks cover into position.
- 8" to 36" of vertical travel.
- **Quick and easy accessibility** to top-mounted agitators, flanges, sprayball assemblies, scrapers, and vessel interior.
- **Hinge-free technology**, eliminating the potential danger associated with traditional hinged designs and high-load covers.
- **Compact design** and **cost-effective price**
- **Customization** available to fit specific needs (see your Regional Sales Manager for details).



The Revolution Lift™ Optional Features

- Available on either mobile or fixed vessel designs.
- Automatic safety shut-off features.
- Custom-machined rotation/stop collar upon request.
- Customizable electrical features and control package.
- Control panel mounting options.
- Class 1 Div 2 provision available.
- Revolution Lift HD available, a heavy duty lift designed for up to 3500lbs of weight.



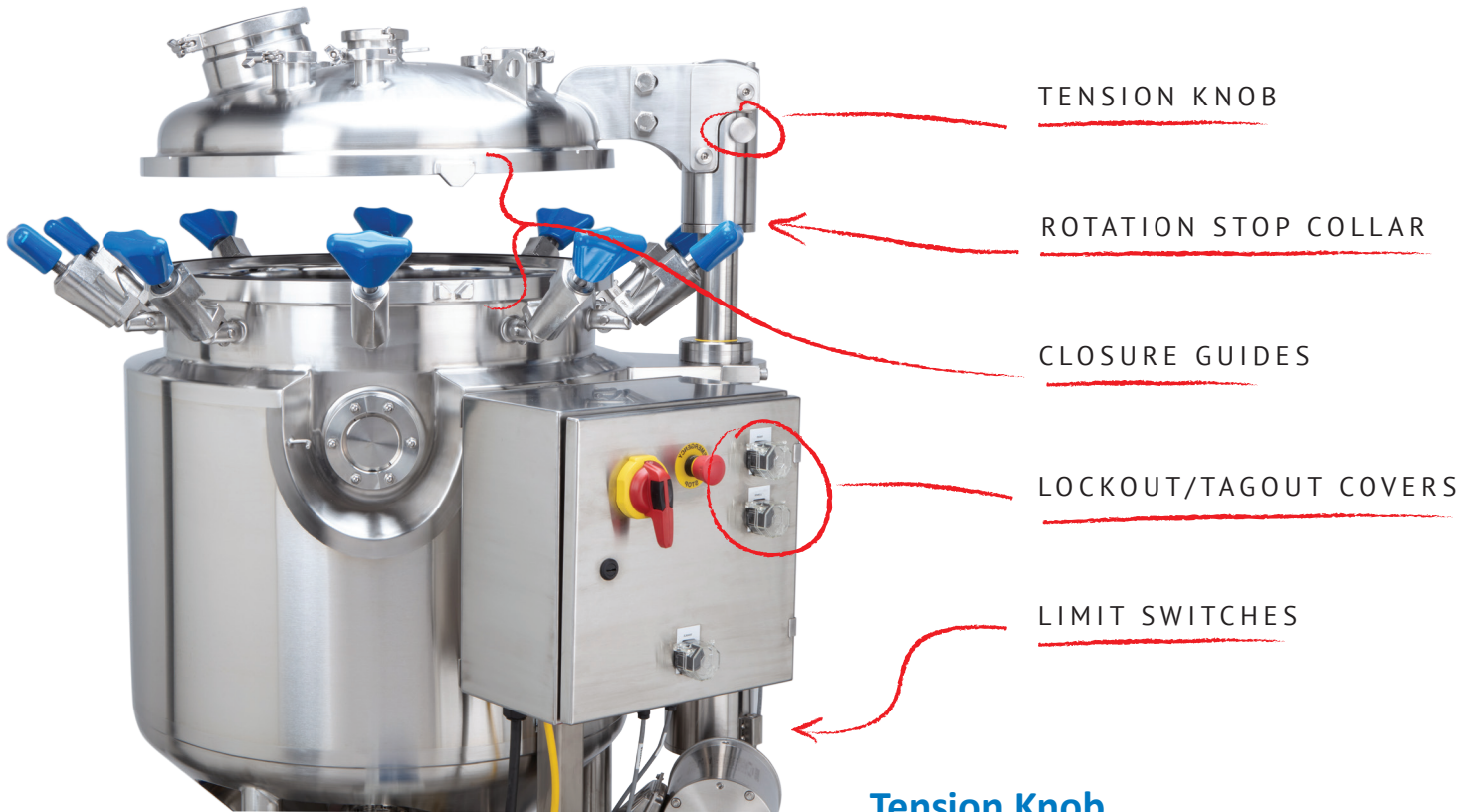
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The Revolution Lift™ Safety Specifications

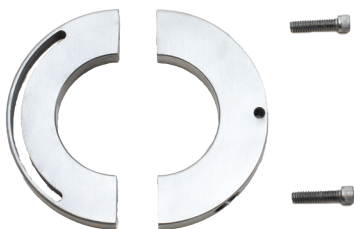


Tension Knob

- Allows for free swing versus resisted swing.
- Locks the cover into place when tightened.

Rotation Stop Collar

- Determines and limits rotational travel of the cover
- Machined for 0° to 110° rotation.
- Easily removable and can be inverted to change direction of rotation from left to right.



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Control Panel

- Basic operations panel with sleeved push-button controls
- Emergency Stop toggle switch.
- 208v or 460v configurations
- Dual Push-Button Activation safeguards against unintended operation; requires Enable button and either directional button be depressed simultaneously to allow movement.
- Lockout/Tagout (LOTO) switch covers provided for:
 - “Enable”
 - “Upward”
 - “Downward”
 - Master Power switch
- Easy-disconnect cords for both main power and panel-to-motor connections.
 - 10ft long yellow motor cord



Limit Switches

- Custom-machined mounting brackets allow for fine tuning of upper and lower limit switches.
- Each RevolutionLift™ assembly is supplied with a stainless-steel motor.

V-ALIGN™ Closure Guides

- “V” shaped closure guides provide proper alignment of the cover during the closing process.



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Optional: Delrin/Poly Guard *LiftLock™*

- Extra safeguard available to protect user when accessing the tank
- Provided in 12" segments and optional aluminum version.



The Revolution Lift™ Capacities *

TOP HEAD SIZE (IN)	GROSS WEIGHT (LBS)	WEIGHT OF HEAD (LBS)	WEIGHT OF ADD ONS (LBS)
24	488	74	414
26	464	84	380
28	442	93	349
30	422	122	300
32	403	135	268
34	385	154	231
36	368	168	200

*Contact your sales representative for specifications and gross weights over 368LBS.

See the Revolution Lift™ and Revolution Lift HD in *ACTION* on YouTube.
(Search: Revolution Lift).



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