



Waterra Hydrolift Tubing Actuator

High Performance Automation

The Hydrolift is a portable, electrically operated device that is used to automate the operation of the Waterra Pump System. The Hydrolift is powered by a 3/4 horsepower (560 watts) electric motor (available in either 110 volt or 220 volt) and generates a 4 inch (10 cm) stroke at up to 140 cycles per minute. The Hydrolift weighs about 35 pounds (16 kg) and requires an electrical power supply of at least 1000 watts.

This actuator is perfect for purging and sampling 2" (5 cm) diameter monitoring wells up to 200 feet (60 m) deep. In special circumstances it can lift up to 300 feet = 90 m. This electrical Tubing Actuator is optimized to operate with the Standard Flow System up to its maximum effective depth and will operate with the High Flow System up to a depth of 150 feet (45 m).

This Tubing Actuator is the ideal choice for the frequent user of the Waterra Pumping System with moderate to extreme pumping requirements (Low, Standard and High Flow). Using the Hydrolift will result in a big boost to your field sampling program.

Hydrolift Features

- **fully adjustable** — the Hydrolift is fully adjustable and will adapt to almost any size casing or protective well casing and can also be used with flush grade well completions.
- **anchored discharge end of tubing** — the Hydrolift supports the Waterra Tubing and also anchors the discharge end of the tubing facilitating sample collection.
- **available in** either 110 volt or 220 volt AC
- **great for use when developing monitoring wells**
- **reduces fatigue** — the use of this automated Waterra Pump System Tubing Actuator will eliminate the fatigue that can be experienced on large monitoring programs.

- **hinged tubing clamp**
- **suitable for use with** Low, Standard Flow and High Flow Waterra Pumping Systems
- **adapts to** almost any size casing or protective well casing

Protect your Hydrolift

Optional: Hard Carrying Case into which you can place for Hydrolift for safe keeping and transportation. This hard durable plastic case is lockable and comes with a handle and nicely fits a Hydrolift as illustrated below.

Specifications

Dimensions

L	W	H
15 in	7 in	20 in
38 cm	18 cm	51 cm

Weight

38 pounds (17.25 kg)

Electric Motor

110 V or 220 V
6 amps
3/4 hp (560 watts)

Actuator Stroke

4 in (10 cm)
0 – 140 cycles per min



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