



Hydra Rig™

Bodyload Mast Coiled Tubing Unit

Designed for quick, safe rig up and operation due to the ability to leave tubing stabbed in the injector during transport

This integrated design presents a self-contained coiled tubing unit (CTU) for quick and safe rig up with minimal personnel for the small OD intervention market. This is accomplished by the ability to leave tubing stabbed into the injector during transport and raising of the mast on location. Our Bodyload Mast CTU design minimizes the number of service personnel required while maintaining full operational functionality. This unit was engineered to meet the strict requirements of the California Department of Transportation dimensional and load regulations.

This compact unit is engineered to hold our HR-635, 35,000 lb capacity injector and pressure control equipment (PCE) between the mast legs. These both attach to the mast and are able to be raised, lowered, extended, retracted, tilted and horizontally shifted to the required position over the centerline of the wellhead. The stack up is then lowered onto the wellhead for attachment. Also included inside the climate-controlled cabin is the CTES™ Orion Data Acquisition System which can monitor and record your operations.

Features and benefits

- Kenworth T-800W chassis used and EPA approved for California operations
- Backup camera installed to assist drive in positioning at wellhead
- Mast to injector connection allows for 8" of side shift, 4" of vertical travel and tilts for placement on slightly deviated wellheads
- Indicator provided for mast load
- Custom stack configurations and retrofits available

Specifications

Max. injector height	225" to bottom of injector base at 76" reach from bumper
Shift travels	+/- 8" side-side on 8.5' wide trailer and up to 4" vertical
Lifting capacity (including injector)	20,000 lbs (assuming 8,000 lbs injector, allows for 12,000 lbs PCE)
Weight (approx.)	73,800 lbs w/ 7,300 lbs of tubing
Hydraulic requirements	3,000 psi supply and larger hydraulic reservoir
Mast max. reach at 20K lift	48" behind truck and 225" at injector bottom
Mast max. reach at 15K lift	76" behind truck and 208" at injector bottom