

HR-635 Coiled Tubing Injector

Trusted performance for light-duty applications

Engineered and manufactured for rugged reliability and reduced maintenance, we've manufactured over 2,200 coiled tubing injectors so you can rely on our field-proven designs.

Whether you are packaging a new, custom-built unit with the HR-635 model injector or just replacing an existing one, our injectors have the performance and dependability that is required in the toughest oilfield conditions around the world.

Designed to handle $\frac{3}{4}$ - to $2\frac{3}{8}$ -in. coiled tubing strings with superior slow speed control (inches per minute), the HR-635 has a 35,000-lb continuous lifting capacity and 15,000-lb continuous snubbing capacity.

The free-floating traction system enhances performance and reliability in the field by reducing dynamic loads on the coiled tubing and injector components.

Options

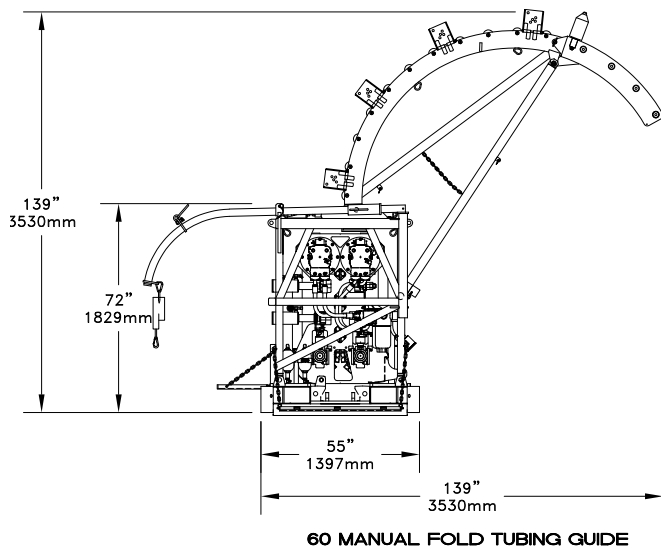
- Manually or hydraulically deployed tubing guides available in 60- and 72-in. radius sizes
- Multiple options for tubing depth and speed counters available
- Fold-down walkways
- Electronic or hydraulic load cells
- Fall protection device

Upgrades and accessories

- Condition-based monitoring (CBM) system
- Transport stands with or without hydraulic tilt frame
- Injector or tilt frame-mounted stabbing winch
- Injector auto-lubrication system

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Specifications	
Maximum speed (min. displacement)	265 ft/min
Maximum speed (max. displacement)	115 ft/min
Horsepower	100-hp continuous at 120° F
Lifting capacity through outer frame	41,000 lb
Lifting capacity from stripper	35,000 lb
Assembled weight: 60-in. gooseneck installed, no stripper	5,500 lb



HR-635 in DNV-rated offshore transport basket.

Drive system

- Deep reduction, purpose-built gear drives
- Dual hydraulic motor input (variable displacement, piston motors)
- Counterbalance valves
- Dual oil seals on gear drive output shafts for long and reliable service
- Dual spring applied/pressure released brakes mounted between the hydraulic drive motors and gear drives

Traction system

- Reduced remove/install time with our “quick disconnect” gripper system (1-3 seconds)
- Hardened and grooved single piece grippers
- Elastomer gripper block suspension system
- Reduced injector chain maintenance due to sealed-for-life gripper carrier roller bearings
- Two independent sets of traction system hydraulic cylinders
- Single-strand 140-pitch heavy-duty roller chains