

# NOVA LOCK & LOAD™

## ADVANTAGES

**LOCK & LOAD**



- The Lock & Load restraint maintains contact with the RIG and adjusts automatically with trailer float motion to ensure proper engagement at all times during the loading and unloading process.
- The gear motor, specifically engineered for this application, utilizes a one way mechanical disc brake system to keep the hook continuously engaged for added safety.
- The gear motor utilizes multiple powertrain components to distribute stress and optimize velocities, maximizing long-term durability.
- Some competitive restraint motor systems rely upon a continuous power supply to keep the hook in position; in the event of a power failure, the hook in these systems will drop. The Lock & Load requires electrical current only when engaging or disengaging the rotating hook with the RIG, resulting in more reliable operation.
- Our specially designed gear motor operates a total of only three seconds for the full cycle of restraining and releasing a vehicle. This equates to a fraction of a penny of electricity per vehicle, regardless of how long each is serviced at the loading dock. With competitive models featuring a continuously operating system, the longer each vehicle is serviced, the more electricity that is used by the restraint — ultimately driving up the total cost of operation.
- Slim profile carriage design reduces the risk of collision damage to the Lock & Load or truck trailers.
- Control box features discrete components for ease of service.
- Control box includes keyswitch for override as standard.
- LED lights are standard in communications system for energy efficiency and long life.



