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HUGO

Owner's Manual

The HUGO is a far reaching tool for the Arborist, or Sawmill Owner that handles large logs. It is capable of 54" diameter, 16' long and 6000 lb. In most species of woods, these can not all go together, (a 54" diameter White Oak log, 16' long will most likely weigh 15,000 lbs.). For combinations of diameter, length and weight, the HUGO is unequalled in log handling capacity. The Hugo is also specifically designed to nest the Fetching Arch, which in turn nests the JR Arch for carrying a full set of tools to and from a job site.



Use

Beginning with the Hugo configured as above (and the result of your assembly instructions), consider this direction and length to be basic. If you have ordered the optional brakes and are towing at any speed, the Arch should always travel in this direction, and most likely this length (it can be run in this direction 5 feet shorter with the removal of the reach, however, to nest the Fetching Arch the reach must be in place). There is a receiver mount at the rear of the Arch that is available for extension handles, optional light bar, or rear mounting of a receiver mounted winch.

Rigging

Most common rigging for the Hugo is to have a winch line come back along the bottom side of the reach (fig. 1), drop over a block hanging on the chains, which then loops around the log (fig. 2). The hand winch line drops over the 3" block, and can be hooked to itself as a choker, or back to another portion of the chain with a "bell and hook" assembly fig. 2). The optional power winch will carry loads best if in the forward-top position (fig. 3).



Figure 1



Figure 2



Figure 3

The winch line runs forward to the large block on the reach near the hand winch, and back under the reach and over the large block at the rear. Since the power winch lines have hooks, they can hook back into the chains at any point. If equipped with a power winch, both winches can be used together, or singly.

Positioning and Pulling



The Hugo can be positioned and used as a picking or pulling device, using the manual or power winches. When hooked to a vehicle, or blocked behind an immovable object, it provides a steady pull point for using the Fetching Arch or JR.

The Hugo can be used off of a vehicle, manually handled into place or steered with a trailer dolly. Whether attached to a vehicle or handled manually, the Hugo can be pulled into position over a log, pick up the log and be winched back out.

Hoisting and Securing

When hoisting a log into the arch, position the winch line in the center of your load, as this will evenly load the arch and not add or subtract tongue weight. After pulling a log into the arch with the winch(es), it is best to secure the log with the supplied chains. The arch and the

reach provide several places to string the chains, and the log can be lowered into the “chain-slings” to take strain off of the winches.



Nesting

To nest the Fetching Arch inside the Hugo, capture the tow-ring in the pintle hook (optional) in the bottom of the reach, after which the rear-end of the Fetching Arch can be lifted with the hand winch line (the Fetching Arch tires fit snugly between that Hugo “bottom brackets”). The JR Arch can be lifted by hand into the Fetching Arch, and secured with ratcheting straps.

Maintenance

- ✓ Inspect, adjust and pack hubs with grease annually
- ✓ Oil the handle shaft bushing of hand winch daily
- ✓ Grease the cogs on the hand winch weekly
- ✓ Keep tire pressures at recommended pressure
- ✓ Inspect all pin connections daily
- ✓ If equipped with power winch and batteries, charge batteries nightly



** The loaded Hugo is not yet a DOT approved log transportation device*