



**888 258 1445**

P.O. Box 1083 Willamina, OR 97396  
www.futureforestry.com  
contact@futureforestry.com

# Fetching Arch

Owner's Manual

*A winch line arch for adverse slopes and sensitive areas*

**The FFP Fetching Arch has been designed to work in areas previously off limits to nearly every type of equipment. Riparian zones, steep slopes, backyards and golf courses where wheel traction is either impossible or not desired and high-lead logging equipment is out of the question. Given a winch line, a block or two and the Fetching Arch; nearly any log, anywhere, can be successfully removed with little or no impact.**

## Use

With a brief look at the Fetching Arch, you will notice the tongs hanging at the rear and a handle/tow ring combination at the other. Walk the Arch to any log, tip it up to set the tongs and when you pull on the tow ring from any remote winch line, (hopefully a fairly fast one) and the log will lift and move. This is where this owner's manual may come in handy, as every situation is different and it is good to come equipped with some tips.

### *Steep Slopes*

You will essentially be letting yourself and the arch down the hill on the winch line, or setting up a haulback line to get up to the log. If you are bringing logs uphill,



please take a little extra time when preparing the log to place some wheel stops for the Arch wheels to block against or it will be very difficult to stand up the arch to set the tongs. Remember that the Arch does the best work if it is set at, or just ahead of the midpoint of the log to pick up nearly all of the weight. Downhill skids are accomplished with the log drag putting on the brakes and a pull on the winch line easing the friction enough for the log to move down. As the line becomes slack, the Arch will unload and the log will return to the ground.

### *Sensitive Areas*

With the arch used to pick the logs up as clean as possible off the ground, it will be important to set the tongs just ahead of the balance point, so that a pull on the line will pick up the whole log rather than let the tail drag heavy. Since the Arch will move the log when the line pull exceeds the log friction, it may be beneficial to set a block to pull the arch tow ring down to the log as in the figure to the right, so that any pull on the line will over center the Arch and any skidding of the log will be reduced or eliminated.



### ***Configurations***

The Fetching Arch can be used as a Forwarding Arch by the addition of the optional Towing Tongue and Winch and Line. If using the Fetching Arch to forward, simply pull the pin on the Tow Ring and Handle combination and insert the towing tongue, pictured with a winch and line installed in the picture to the right. With the Towing Tongue installed, the Arch will most likely be used in the horizontal position with the winch and line. Remove the tongs with the two bolts and hang the block under the arch on the chain links provided. String the winch line through this block and you're ready to haul. If you wish to double your winch power and roll the log, install the bell with chain hook just behind the block, on the five link chain. Ignoring the red bell on the choker line and hooking into this "doubling-bell" will dead-end the line, roll the log and double your power.



The Two-Man handle can be installed in place of the tow ring and handle or the drop tongue with the same 5/8" pin. For manual operation of the arch by one or more men, this 6' extension handle will give a tremendous amount of leverage and allow manual moving of logs in urban situations. The Two-Man handle can also be pulled on with rope or winch-line for an assist in backyard tree removal.



### **Care and Maintenance**

The Fetching Arch is nearly maintenance free, with hubs needing only annual inspections and grease packing. If equipped with a winch and line, it is important to break-in the winch line and keep the line untangled by pulling out slack before winching. Oil the bushing below the winch handle as noted, and apply grease to the cogs periodically. The Input shaft oiling on the winch is critical! Keep tires inflated to recommended pressures, and inspect all fasteners for tightness.

***Lastly, familiarize yourself with the depth to which the tongs can be set. If the tongs are set deep into the log it will be harder to lift but will lift higher. If the tongs are set shallow, it will lift much easier (for instance if you want to lift a log by hand) but won't lift the log as high. We feel that the Fetching Arch is the most versatile log moving implement available enabling an operator with a winch, or even a rope from a vehicle, to extract logs from even the most demanding of situations.***

***Since the Fetching Arch is a very versatile tool, you are welcome to call us with questions about special situation operations.***