



How to set cables on an R&J machine lift -up railway.

Once your railway is fully installed and levelled, its time to hook up your cables to the tower. It often helps if you use your winching system to pull up the tower about halfway for easier access.

One example of a winching system:

Cemented in winch receiver.



A 5/16 winch cable should run out to a center “yoke” that is attached at the back side of the tower.



If you have four tracks, you will have 8 cables. All stainless steel, with copper crimps.

Lengths should be:

2 @ 17'

2 @ 25'

2 @ 35'

2 @ 45'

Longest cables go to the furthest track.

Attaching the **crimped ends** of the cables to the tabs on the end of each track. Make sure that the cables don't get crossed. Loosely attach the cables to the drilled holes on the tower using shackles and two cables clamps per cable.



Pull the two furthest cables tracks tight (just the end track). Once tight, use your winching system to pull the end track until it pivots and touches the track behind it. Tighten the second set of cables. Lift until touching previous track. Repeat this process until all cables are tightened.

Take note that there should not be any gold pins in this track section (where the railway pivots). You can temporarily put pins in while installing the railway, and to drill the dog ears.



Its good practice to now lift your railway all the way to its winter position. You want your railway to be high enough that no ice damage can happen. Height at the end has to be a minimum of 10' of the ice, as some shorelines are frequented by snowmobiles. You may have to re-set the cables depending on if you can lift your railway to the appropriate height.



Once you ensure that the cables are the proper length. You can now lower the railway back down to the lakebed. There will be excess cable. Leaving a tail of about 12", cut the excess off using a grinder or cable cutters. Using electrical tape or zip ties, neatly tape the ends of the cables.

These cables should not have to be disconnected or adjusted again unless something significant changes.

For more information please contact:

R&J Machine 1-800-461-7638 or email service@rjmachine.ca

Rjmachine.ca