



RAINHOUSE

MANUFACTURING CANADA LTD.

NEWSLETTER



RAINHOUSE MANUFACTURING CANADA LTD. HAS RECENTLY EXPANDED ITS CAPABILITIES BY ADDING 8-AXIS TURNING

Since 2019, when Rainhouse purchased its 5-Axis MX 520, we have had a solid working relationship with Lindsay Harris from Elliot Matsuura. When we told Harris that we were looking to purchase a new machine, he disclosed information about a low hour Nakamura Tome WT-150ii that was close by.

Acquiring the WT-150ii is expected to enhance our efficiency, improve the precision of operations, expand our capacity, and pave the way for future automation. We are excited to integrate this new equipment into our facility, and we wanted to share the entire process of purchasing the machine with you.

Whenever a company buys a new machine there are a lot of procedures to consider such as purchase, delivery, and shop set up.

Once the machine was purchased it was time to begin preparations. The WT-150ii we bought was located on the mainland. We arranged for the machine to be moved and loaded by Can Ridge Industries Ltd. onto a semi-truck so that it could be driven across the ferry.

With the machine enroute, the Rainhouse team was busy making sure everything was ready on the Victoria side. We were able to secure a no parking permit for our street on the day of delivery which ensured the semi-

truck had a place to pull up before unloading. Rainhouse booked Advantage Crane to help us lift the WT-150ii off the truck bed.

The shop was buzzing as the machinists were busy cleaning up and trying to make room for the new machine to fit.



Cleaning up the shop



On January 9th at 9AM the long-awaited Nakamura Tome WT 150ii was delivered. With the crane and the semi-truck pulled up parallel to each other in the parking lot, it was time to start unloading. We began by unwrapping the machine and jumping on the forklift to move the bar feeder, chip blaster, chip conveyor, and mist collector.

“Isn’t it cool that the operator of Advantage Crane today is female. I love that!”

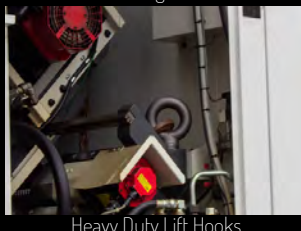
-Carling Stokes, Manufacturing Manager



Once we had all the small stuff out of the way it was time to set up the WT-150ii to be lifted. The crane operator began by lifting the heavy lifting jig for it to be fed through the bottom support beams on the machine. As the lifting bar was slid into place, the heavy-duty lift hooks were inserted and secured. Once the chains were levelled it was time to lift the machine off the back of the semi-truck and swing it in front of the bay so that it could be rolled into the shop. Rolling the machine into the shop turned out to be a bit trickier than anticipated.

“This is the toughest machine to move yet, we pushed all the other machines in by hand”

-Ray Brougham, President & CEO





**“This definitely wasn’t their first rodeo!
It was really neat to see everyone work together to unload the machine and get it into the shop. They are like a well oiled machine!”**
-Bryanne Kitagawa, Marketing and Communication Coordinator

It was a skilled process that involved pushing the machine with the forklift, while simultaneously steering the machine in the proper direction. We also had to jack up the machine in order to rearrange the wheels in the proper direction of travel. It was a lot of shuffling around, with everyone trying to help each other, and eventually we were able to get the machine into place.



The final steps for the machine set up includes removing the transport wheels and replacing them with the machine’s levelling feet attachments, levelling the machine, attaching the mist collector on the top, running power and air to the machine, and filling the machine with coolant. With everything in place, this machine is ready to run.



Cleaning the WT-150ii

We were thrilled to achieve a successful run of parts within just five days of installing our Nakamura Tome WT-150ii. Our team is excited to help bring your complex, high tolerance machining projects to life. If you need any machined parts or help with a project, contact Rainhouse today and let us help you from idea to done!



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NAKAMURA TOME WT-150II

MAX. TURNING DIAMETER: 190MM

MAX. TURNING LENGTH: 515MM

LEFT SPINDLE SPEED: 4,500 RPM

RIGHT SPINDLE SPEED: 5,000 RPM

LNS BAR FEEDER: 1200MM (L) | 65MM (D)