

RR102 Log Deck

Assembly of the RR102 live roll log deck.

- 1) Open box and make sure all components are present.



2 - Main Frame	4 - Legs
2 - Rear Support Brackets	2 - Drive Crossbar extensions
1 - Metal Roller	1 - Round chain drive Cross Bar
3 - Rubber Rollers on brackets	1 - Front Support Brackets
2 - Drive Roller Assemblies	2 - Log Stop bars
2 - Hydraulic Pump	2 - Pivoting Log Stop bars
3 - Support Leg	1 - Control Mounting Bracket
4 - Chain Sprocket Assemblies	1 - Control with Hoses
4 - Drive Chains	1 - Drive Roller Mounting Bracket
<p>Put the 2 main frame sections on the ground upside down or on their side and slip the 4 legs into place. Install the legs so the square tube feet are perpendicular to the frame.</p> <p>Insert bolts and nuts so that all legs are the same length. Do Not Tighten as you will need loose to adjust height later.</p>	

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Roll the main frame sections over onto the legs, ensuring the front log stop pivot mounts are to the inside



Infeed table can be set into place.

The infeed table can mount on either side, depending on where you need the table in relation to your processor



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Crossbar supports can now be put into place.

There are two for the rear and one for the front. The infeed table will double as the second front crossbar support bar



Install chain sprocket mounts

Note: There is one with a motor mount hole. This one will mount closest to the infeed table.



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Repeat this process with the other three.

Leave these brackets loose until the chain is put on.



Install both hydraulic motors.

These will be left loose before installing the chain



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Put support roller into position



Attach the three support legs to the infeed section of the table.

These will be set to the same height as the table



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Put infeed rollers on, making sure the sprocket is towards the inside of the machine

Also, make sure the green grease fittings on the pillow block bearings are facing "up". This makes maintenance much easier



The drive shaft can now be installed

Each chain has a master-link that can be taken out, so the chain can be broken, then installed over the gears and finally, the master link can be put back in to join the chain back together

The chain can also be put over these shafts/gears before installation, to avoid taking the chain apart.



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Attach the three-rubber log stop rollers so they are leaning away from the table



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Install the chains on both sides of the main frame.

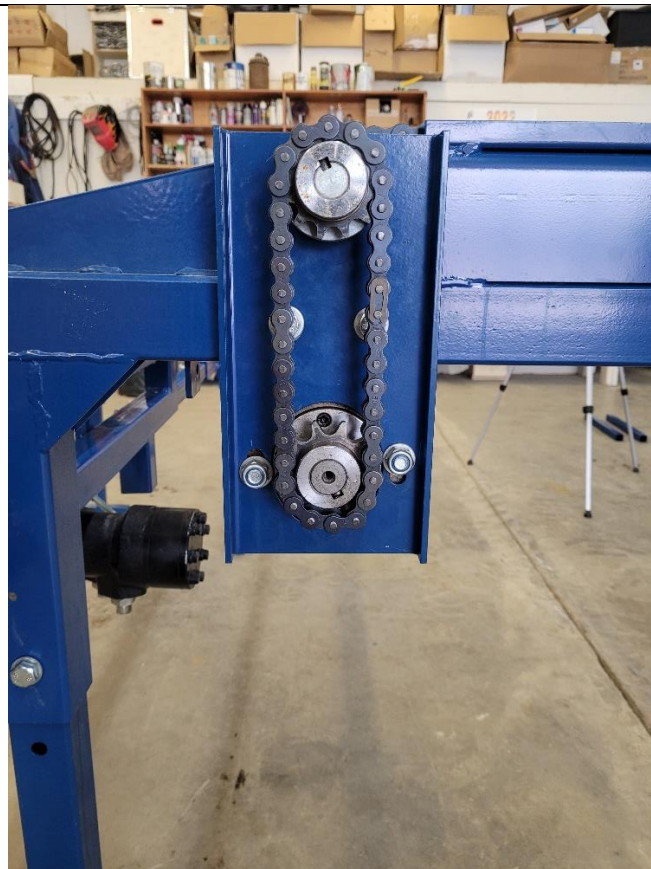
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Sprocket mount brackets can now be adjusted to add tension to the chain.



Using the same procedure as above - Attach drive chain for the log advance then tighten motor



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Infeed chain can also be installed.

Use the chain tension roller and bolt to put proper tension on the chain.



Install pivoting log stops.

Make sure they can move easily but not freely

Rear log stops can also be set into place



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The RR102 live deck is now ready to be connected to your processor via the hoses and control valve provided in the kit



Mount the control bracket to the hydraulic controls via the pre-drilled and tapped holes. The mount location is the same on the orange and blue processors.



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Remove the hose at the rear of the pump.

Now, take the hose that was just removed and install it on the double valve, on the side port marked/stamped with a "T"

This will be our return to tank

Find the shorter hose included in the kit, install it on the open port at the rear of the pump.

Take the other end of that hose and install it on the other side of the double valve, that port will be marked with a "P" for pressure in

The four remaining hoses will then be plumbed from the working ports on the double valve out to the black hydraulic motors on the table.

If the operation of the infeed or chain advance is working backwards to how you would prefer, simply switch the top and bottom hoses at the control valve

