

Side and end sills - HO 12" x 22"
Joists - HO 12" x 22" & 8" x 22"
Needle beams - 3/16" x 1/8"
Car bolsters - resin castings

Building a basic O scale
truss rod wagon (using
HO scale lumber)



[https://www.youtube.com/
watch?v=6y5c2ic18Ho](https://www.youtube.com/watch?v=6y5c2ic18Ho)



Building a basic O scale truss rod wagon (using HO scale lumber)



Build a box!

Add 3" x 7" decking to tie it together.

[https://www.youtube.com/
watch?v=6y5c2ic18Ho](https://www.youtube.com/watch?v=6y5c2ic18Ho)



Building a basic O scale truss rod wagon (using HO scale lumber)

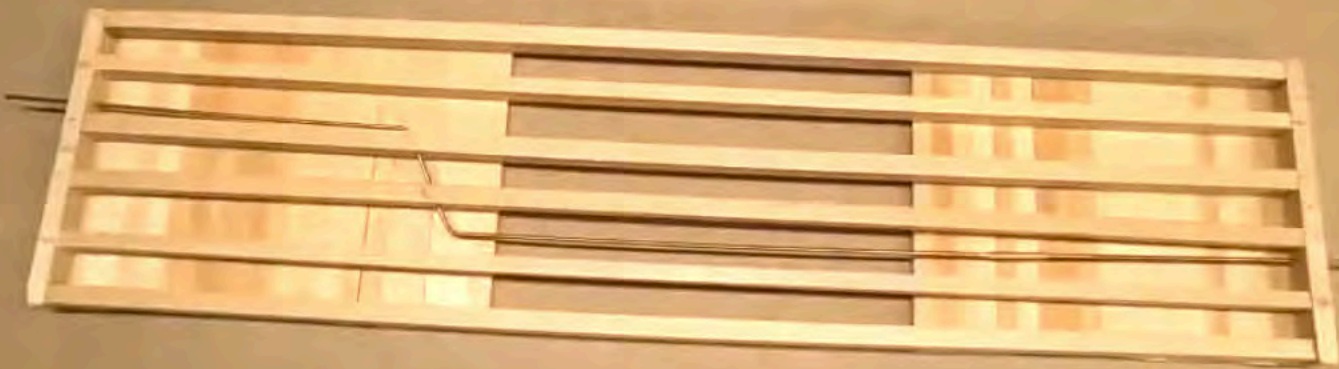
Martin Brechbiel...

[https://www.youtube.com/
watch?v=6y5c2ic18Ho](https://www.youtube.com/watch?v=6y5c2ic18Ho)

Insert center joists and train line.

zoom

Building a basic O scale truss rod wagon (using HO scale lumber)



Insert outer joists and rest of the train line.

[https://www.youtube.com/
watch?v=6y5c2ic18Ho](https://www.youtube.com/watch?v=6y5c2ic18Ho)



Building a basic O scale truss rod wagon (using HO scale lumber)



Martin Brechbiel...



[https://www.youtube.com/
watch?v=6y5c2ici8Ho](https://www.youtube.com/watch?v=6y5c2ici8Ho)

Finish the decking – that's what holds it all together!



Building a basic O scale truss rod wagon (using HO scale lumber)



Bolsters and needle beams installed.

[https://www.youtube.com/
watch?v=6y5c2ic18Ho](https://www.youtube.com/watch?v=6y5c2ic18Ho)



Building a basic O scale truss rod wagon (using HO scale lumber)



The basic K brake installation

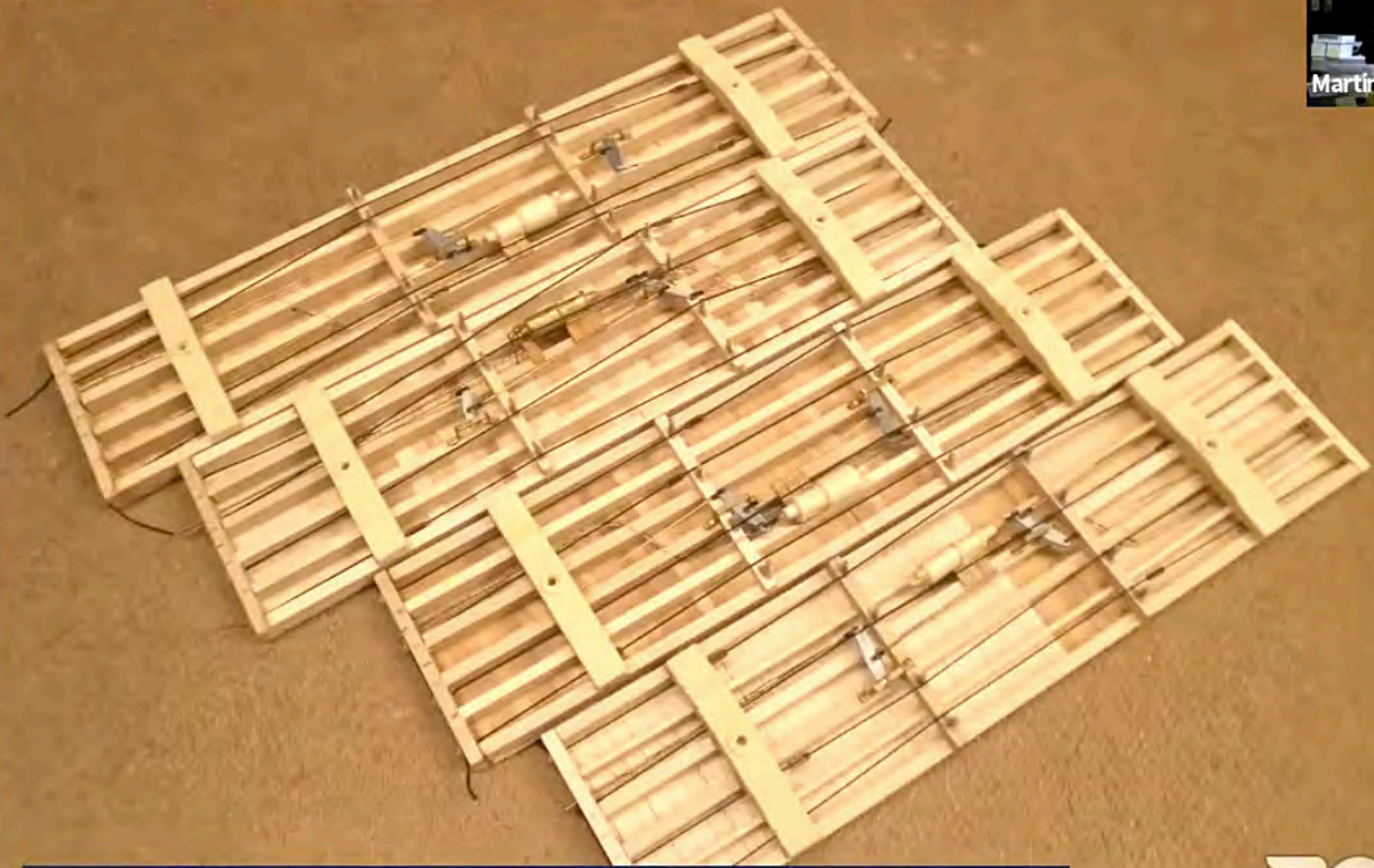
[https://www.youtube.com/
watch?v=6y5c2ici8Ho](https://www.youtube.com/watch?v=6y5c2ici8Ho)



If you're going to build 1, you might as well build 4



Martin Brechbi...



<https://www.youtube.com/watch?v=6y5c2ic8Ho>

Truss rods installed and cars ready to be built up on these bases.



New Tracks Modelling: Scratch Builder's Corner by Martin Brechbiel (MMR), 15 Nov 2023