



DIY RC SemiTruck



ProfessorBoots

[VIEW IN BROWSER](#)

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Summary

Ever dreamt of the open roads? exploring the great plains of the world? Well here you go, make it happen.

[Hobby & Makers](#) > [RC & Robotics](#)

Tags: [rc](#) [semitruck](#)

This is a fully functional 3D Printed RC Semitruck model. The main attraction includes an automatic hitching system plus power & command delivery to the trailer. Future trailers such as side dumps, lowboys, belly dumps and cargo trailers will all be possible with this platform. For more information I would highly recommend checking out the linked YT Video where I go into depth on how it was made and why you should maybe consider building one yourself.

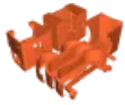
If you print a couple pieces and decide you like the model you can make it fully remote control by joining the professorboots workshop on my website and following the step by step guide: <https://professorboots.com/products/professorboots-workshop-pass>

Model files



Groups - Truck

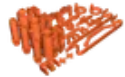
7 files



1-main-color-pla-pt1-cabfenders-etc.stl



2-secondary-color-pla-pt1-frame.stl



3-secondary-color-pla-pt2-axles.stl



4-secondary-color-pla-pt3-hitch-parts-misc.stl



5-third-color-pla-stacks-chrome-things-etc.stl



6-4th-colorsteering-wheel-seats.stl



7-truck-tires-straps-tpu.stl



Individual STL - Truck

62 files



1-rear-axle-housing.stl



2-front-axle-housing.stl



3-rear-axle.stl



4-front-axle.stl



5-front-wheel-bearing-housing-left.stl



6-front-wheel-bearing-housing-right.stl



7-axle-pinion-gear.stl



8-rear-axle-housing-mtr-lock.stl



9-front-axle-housing-mtr-lock.stl



10-front-inner-axle.stl



11-u-joint.stl



12-front-outer-axle.stl



13-axle-support.stl



14-steering-pushrod.stl



15-steering-rod.stl



16-rear-wheel.stl



17-front-wheel.stl



18-rear-tire-left.stl



19-rear-tire-right.stl



20-front-tire-left.stl



21-front-tire-right.stl



22-leaf-spring.stl



23-front-leaf-spring-left.stl



24-front-leaf-spring-right.stl



25-bumper.stl



26-bumper-mount.stl



27-front-frame.stl



28-rear-frame.stl



29-mid-frame.stl



30-hitch-magnet-holder.stl

31-hitch-pivot-mechanism.stl



32-hitch-pushrod.stl



33-hitch-plate.stl



34-hood.stl



35-fender-left.stl



36-fender-right.stl



37-grille.stl



38-hood-strap-left.stl



39-hood-strap-right.stl



40-steering-wheel.stl



41-interior.stl



42-interior-seats.stl



43-cab-w-sleeper.stl



44-day-cab.stl



45-stack-left.stl



46-stack-right.stl



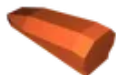
47-air-cleaner.stl



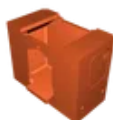
48-visor-20.stl



49-cab-markers.stl



50-sleeper.stl





51-sleeper-bar.stl



52-rear-fender-left.stl



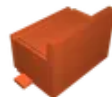
53-rear-fender-right.stl



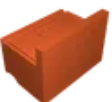
54-fuel-tank.stl



55-fuel-tank-straps.stl



56-step-left.stl



57-step-right.stl



58-side-skirt-left.stl



59-side-skirt-right.stl



18650-battery-holder.stl



electronics-cover-on-day-cab.stl



electronics-cover-on-sleeper-model.stl



Groups - Drop Deck Trailer

8 files



8-secondary-color-pla-front-rear-frame.stl



9-secondary-color-pla-pt2-middle-frame.stl



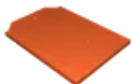
10-secondary-color-trailer-parts-pla.stl



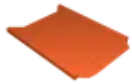
11-main-color-trailer-wheels.stl



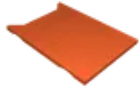
12-trailer-tires-tpu.stl



trailer-deck-front.stl



trailer-deck-middle.stl



trailer-deck-rear.stl



Individual STL - Drop Deck Trailer

19 files



1-trailer-frame-middle.stl



2-trailer-frame-front.stl



25-trailer-frame-rear.stl



3-trailer-leaf-spring.stl



4-trailer-axle.stl



5-rear-wheel.stl



6-rear-tire-left.stl



7-rear-tire-right.stl



8-trailer-leg.stl



9-trailer-leg-stand.stl



10-trailer-leg-push-rod.stl



11-ramp.stl



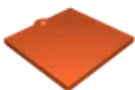
12-ramp-folding.stl




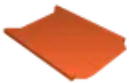
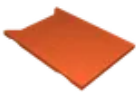
13-trailer-ramp-pushrod-pt1.stl



14-trailer-ramp-pushrod-pt2.stl



15-trailer-mudflap.stl

	16-trailer-deck-front.stl
	17-trailer-deck-middle.stl
	18-trailer-deck-rear.stl

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