



## Vintage Review: Jennifer Clark's Skid Steer Loader

*By Jetro*

*Pictures by Jennifer Clarke*

Studless appears to have completely replaced studded builds in Technic – there is still the odd Scale Model inspired build that combines bricks and beams, but sometimes it feels like any complex and life-like build needs beams (either that or there are fewer and fewer builders who still have a reasonable assortment of Technic Bricks).

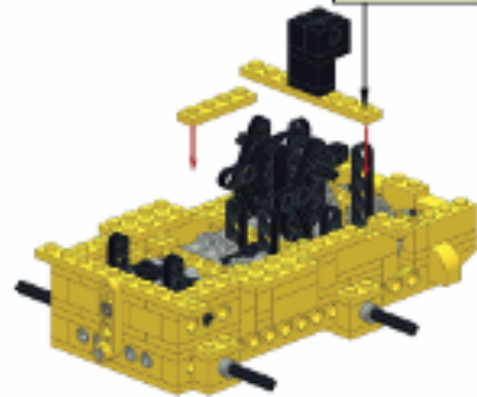
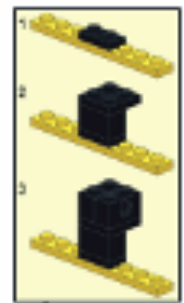
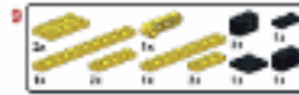
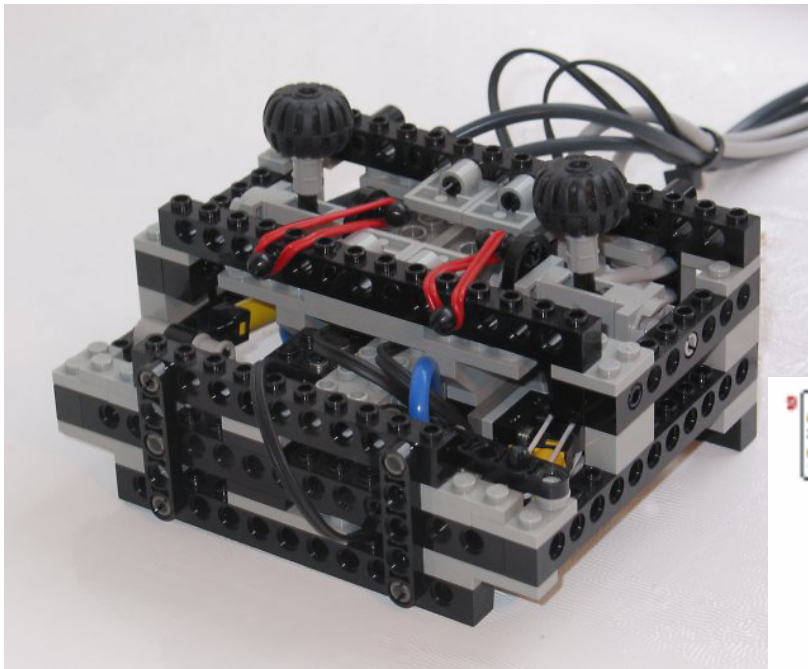
The Skid Steer Loader I'm reviewing in this article is a nice reminder of everything that was and is possible with "old" LEGO® Technic. Of course the MOC was built by one of the undisputed masters of "vintage" LEGO Technic: Jennifer Clark. She documented the model extensively on her website [\[1\]](#), from concept and use of the original machine to the individual elements of her fully functional MOC and remote control.



You can see it in action here:

<http://www.youtube.com/watch?v=MjTeViZdyEY&list=PLLHu5hFzgyvFDvdiAKHOMBzACA9sOGSL5>





The description is very well documented and makes for an interesting and attractive read and includes several videos of both the original machine and the MOC. Taking the original web page to the next level, Jennifer has worked together with Eric Albrecht to create high quality building instructions for this model. In addition to the MOC itself and the control unit, the building instructions also include an optional grab attachment and updated information about the real model and the building/designing process of the MOC. You can get the instructions for a small fee at [www.genuinemodels.com/skidsteer.htm](http://www.genuinemodels.com/skidsteer.htm)

The model was scaled approximately to Technic Fig size, taking the balloon tyres as the starting point. The drive train was built in such a way as to keep the model as compact as possible while at the same time using the motors as counterweight at the back of the Loader in much the same way as in the original it was inspired on. The MOC combines 9V and Pneumatics and while the boom is operated by a pneumatic cylinder that is proportionally much shorter than the hydraulic cylinders on the original model (a limitation of the LEGO® system) the path of the boom is remarkably accurate.

The improved remote incorporates a small compressor for the Pneumatics in the model, including pressure limit switch as well as two controls for the electrically powered skid steer mechanism. Despite the fact that the controller is physically attached to the MOC, the model is easy to control and is fun to operate.

If you already have an (extensive) LEGO Technic collection or simply want to know how many parts you miss to be able to build this model you can download a complete parts inventory from the webpage dedicated to the MOC, but I recommend you visit Rebrickable. The Skid Steer Loader (Pneumatic Bobcat) model has been uploaded to this platform and once you log in and upload your parts collection it will indicate exactly which parts you are missing and even help you find them. The link for this MOC is [rebrickable.com/mocs/jenniferclark/skid-steer-loader-pneumatic-bobcat](http://rebrickable.com/mocs/jenniferclark/skid-steer-loader-pneumatic-bobcat)

[1] [www.genuinemodels.com](http://www.genuinemodels.com)

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