



## Sheep for slopes, ramps and flat surfaces (1-148)



Slanjonok

[VIEW IN BROWSER](#)

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### Summary

Sheeps for loading/unloading in cattle yards or farms.

[World & Scans](#) > [Animals](#)

Tags: [modelrailroad](#) [modelrailway](#) [nscale](#)

Like my cows:

<https://www.printables.com/de/model/302165-cows-for-slopes-ramps-and-flat-surfaces-1-148>

I now need sheep for my Thornycroft-JJ-type double deck cattle truck (I will upload separately). Since the sheep offered by model railway manufacturers are again only made for flat surfaces, I have created my own sheep for slopes, hills, and flat areas as before.

Sheep are often be chased up/down steeper loading ramps, so I created 6 sheep for low ramps (20 deg, 3 up, 3 down) and 8 sheep for high ramps (30 deg, 4 up, 4 down). In addition, 6 standing, 2 sitting and 4 lying sheep for flat areas.

All stl-files are sized for and printed in British n-scale (1:148), but

#### **WARNING!!!**

The legs are quite tiny and keen to break away! I think I'm quite

experienced in 3D-printing and have a well-adjusted printer/resin setting. However somewhat 30% of the sheep got lost their legs during printing, washing, curing, and painting.

These models are NOT for beginners. Less brittle resin may help. Don't overcure! Print some more sheep, than you need, to compensate losses. Of course, everything becomes easier, than larger the printing scale is ... conversion values:

Continental N-scale, 1:160 -> 92.5% (not recommended or scale only the height axis)

TT-gauge, 1:120 -> 123%

HO/H0-gauge, 1:87 -> 170%

OO/00-gauge, 1:76 -> 195%

S-gauge, 1:64 -> 231%

O-gauge, 1:48 -> 308%

Having a lot of sheep printed, it's sometimes difficult to identify, what sheep to use at what places. For help there is a PDF-files with a picture and explanation for each of them.

Beside the challenges I had fun to create and print this design and hope someone else has use of it too.

Would be great to see your prints.

## Model files



**sheephdi.stl**



**sheephda1.stl**



**sheephda2.stl**



**sheephdo.stl**



**sheephui.stl**



**sheephua1.stl**



**sheephua2.stl**



**sheephuo.stl**



**sheepldi.stl**



**sheeplda.stl**



**sheepldo.stl**



**sheeplui.stl**



**sheeplua.stl**



**sheepluo.stl**

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**sheepflat1.stl**

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**sheepflat2.stl**

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**sheepflat3.stl**

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**sheepflat4.stl**

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**sheepflat5.stl**

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**sheepflat6.stl**

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**sheeplying1.stl**

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**sheeplying2.stl**

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**sheeplying3.stl**

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**sheeplying4.stl**

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**sheepsitting1.stl**

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**sheepsitting2.stl**

## Other files



**overview-sheep-for-slopes-ramps-and-flat-surfaces.pdf**

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