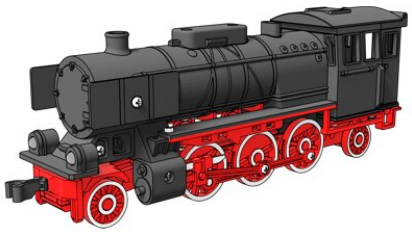
Big steam locomotive



Non-Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	M2.2x6.5 screw (DIN 7981)	51	N/A	
2.	M2.2x6.5 screw (DIN 7981)	2	N/A	Variant part (Wagner smoke deflectors)
3.	M2.2x6.5 screw (DIN 7981)	2	N/A	Variant part (Witte smoke deflectors)
4.	1.75 mm filament piece	3	black	Cut to length during assembly
5.	5 mm white LED	2	white	Variant part (white LEDs as lamps) Use for better look

3D Printed Parts List

No.	Part name	Quantity	Color (suggested)	Notes
1.	TLM07BB-boiler-back.stl filament: ~40 g/part	1	black	
2.	TLM07BF-boiler-front.stl filament: ~30 g/part	1	black	Variant part (chimney smoke deflectors)
3.	TLM07BF-boiler-front.stl filament: ~30 g/part	1	black	Variant part (without smoke deflectors)
4.	TLM07BFD-boiler-front-defl.stl filament: ~30 g/part	1	black	Variant part (Wagner smoke deflectors)
5.	TLM07BFD-boiler-front-defl.stl filament: ~30 g/part	1	black	Variant part (Witte smoke deflectors)
6.	TLM07BD1-boiler-domes.stl filament: ~5 g/part	1	black	
7.	TLM07E-steam-engine.stl filament: ~14 g/part	1	black	
8.	TLW07GL-crosshead-guide-L.stl filament: ~0.3 g/part	1	silver	
9.	TLW07GR-crosshead-guide-R.stl filament: ~0.3 g/part	1	silver	
10.	TLC07-cab.stl filament: ~10 g/part	1	black	
11.	TAG02-145x120-r-window.stl filament: ~0.1 g/part	4	black	

No.	Part name	Quantity	Color (suggested)	Notes
12.	TAG02-145x036c-r-window.stl filament: ~0.1 g/part	2	black	
13.	TLG07-window-set.stl filament: ~0.8 g/part	1	black	Set: includes parts 11, 12, 23 Complete window set
14.	TLB07L-brake-lever.stl filament: ~0.2 g/part	1	red	
15.	TLM07D-firebox-door.stl filament: ~10 g/part	1	black	
16.	TLC07B-cab-back.stl filament: ~3 g/part	1	black	
17.	TLC07T-cab-top.stl filament: ~3 g/part	1	black	
18.	TLL07-cab-floor.stl filament: ~5 g/part	1	black	
19.	TLT07CL-cabstep-L.stl filament: ~0.9 g/part	1	red	
20.	TLT07CR-cabstep-R.stl filament: ~0.9 g/part	1	red	
21.	TLD07L-cab-door-L.stl filament: ~1 g/part	1	black	
22.	TLD07R-cab-door-R.stl filament: ~1 g/part	1	black	
23.	TAG01-125x106-r-window.stl filament: ~0.1 g/part	2	black	
24.	TLC07R1-cab-roof.stl filament: ~8 g/part	1	black	
25.	TLF07-frame.stl filament: ~9 g/part	1	red	
26.	TLF07T-frame-top.stl filament: ~4 g/part	1	red	
27.	TLP07SF-front-bogie-spring.stl filament: ~0.2 g/part	1	red	
28.	TLB07R-brake-rod.stl filament: ~0.7 g/part	1	red	
29.	TLF07S-boiler-support.stl filament: ~2 g/part	2	red	
30.	TLB07-brakes.stl filament: ~2 g/part	1	red	
31.	TLT07SL-side-platform-L.stl filament: ~3 g/part	1	black	
32.	TLT07SR-side-platform-R.stl filament: ~3 g/part	1	black	
33.	TLL07FR-front-deck-reduced.stl filament: ~5 g/part	1	black	Variant part (reduced front deck)
34.	TAY01-lamp.stl filament: ~0.2 g/part	2	transparent	Variant part (3D printed lamps)
35.	TLY07CL-lamp-cover-L.stl filament: ~0.2 g/part	1	black	Variant part (reduced front deck)

No.	Part name	Quantity	Color (suggested)	Notes
36.	TLY07CR-lamp-cover-R.stl filament: ~0.2 g/part	1	black	Variant part (reduced front deck)
37.	TLL07FS-front-deck-solid.stl filament: ~5 g/part	1	black	Variant part (solid front deck)
38.	TLT07SFL-side-platform-FL.stl filament: ~0.8 g/part	1	black	Variant part (solid front deck)
39.	TLT07SFR-side-platform-FR.stl filament: ~0.8 g/part	1	black	Variant part (solid front deck)
40.	TLP07FF-front-bogie-frame.stl filament: ~5 g/part	1	red	
41.	TLP07FT-front-bogie-top.stl filament: ~5 g/part	1	red	
42.	TLW01A-axle.stl filament: ~0.8 g/part	2	red	
43.	TLW07WSS-wheel-small-spkd.stl filament: ~1 g/part	4	red	
44.	TAQ01-coupler-auto.stl filament: ~0.5 g/part	1	black	
45.	TAQ02C-coupler-cotter.stl filament: ~0.1 g/part	2	red	
46.	TLP07B-bogie-bottom.stl filament: ~1 g/part	2	red	
47.	TLP07RF-rear-bogie-frame.stl filament: ~5 g/part	1	red	
48.	TLP07SR-rear-bogie-spring.stl filament: ~0.2 g/part	1	red	
49.	TLP07RT-rear-bogie-top.stl filament: ~3 g/part	1	red	
50.	TAQ02E-coupler-eye.stl filament: ~0.8 g/part	1	black	
51.	TLP07SRC-rear-spring-cover.stl filament: ~2 g/part	1	black	
52.	TLW03CL-crosshead-L.stl filament: ~0.3 g/part	1	red	
53.	TLW03CR-crosshead-R.stl filament: ~0.3 g/part	1	red	
54.	TLW01AS-axle-with-spline.stl filament: ~0.8 g/part	3	red	
55.	TLW07WS-wheel-spkd-stub.stl filament: ~2 g/part	2	red	
56.	TLW07WPC-wheel-spkd-pin-cw.stl filament: ~2 g/part	2	red	Larger counterweight, mount on wheel with main rod
57.	TLW07WP-wheel-spkd-pin.stl filament: ~2 g/part	2	red	
58.	TLW07R-coupling-rod.stl filament: ~0.4 g/part	2	red	
59.	TLW07RM-main-rod.stl filament: ~0.3 g/part	2	red	

No.	Part name	Quantity	Color (suggested)	Notes
60.	TLF07B-frame-bottom.stl filament: ~4 g/part	1	red	
61.	TLX07DGL-defl-wagner-L.stl filament: ~3 g/part	1	black	Variant part (Wagner smoke deflectors)
62.	TLX07DGR-defl-wagner-R.stl filament: ~3 g/part	1	black	Variant part (Wagner smoke deflectors)
63.	TLX07DT-defl-witte.stl filament: ~1 g/part	2	black	Variant part (Witte smoke deflectors)
64.	TLX07DCL-defl-chimney-L.stl filament: ~1 g/part	1	black	Variant part (chimney smoke deflectors)
65.	TLX07DCR-defl-chimney-R.stl filament: ~1 g/part	1	black	Variant part (chimney smoke deflectors)
66.	TLM07SD-chimney-defl.stl filament: ~0.3 g/part	1	black	Variant part (chimney smoke deflectors)
67.	TLM07S-chimney.stl filament: ~0.4 g/part	1	black	Variant part (Wagner smoke deflectors)
68.	TLM07S-chimney.stl filament: ~0.4 g/part	1	black	Variant part (Witte smoke deflectors)
69.	TLM07S-chimney.stl filament: ~0.4 g/part	1	black	Variant part (without smoke deflectors)
70.	TLM07V-safety-valve.stl filament: ~0.4 g/part	1	black	

Note: Filament usage values are estimated for PLA and may vary depending on slicer settings.

File Count Summary

Model Variants

- without smoke deflectors, solid front deck, white LEDs as lamps
  73 parts to print; filament use: ~215 g
- chimney smoke deflectors, solid front deck, white LEDs as lamps
  75 parts to print; filament use: ~215 g
- without smoke deflectors, solid front deck, 3D printed lamps
  75 parts to print; filament use: ~215 g
- Wagner smoke deflectors, solid front deck, white LEDs as lamps
  75 parts to print; filament use: ~220 g
- Witte smoke deflectors, reduced front deck, white LEDs as lamps
  75 parts to print; filament use: ~215 g
- Witte smoke deflectors, solid front deck, white LEDs as lamps
  75 parts to print; filament use: ~220 g
- Wagner smoke deflectors, solid front deck, 3D printed lamps
  77 parts to print; filament use: ~220 g
- Witte smoke deflectors, reduced front deck, 3D printed lamps
  77 parts to print; filament use: ~215 g
- Witte smoke deflectors, solid front deck, 3D printed lamps
  77 parts to print; filament use: ~220 g

Note: Filament usage values are estimated for PLA and may vary depending on slicer settings.

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