

1:87/HO/OO Blast Furnace Model Kit

CASE WESTERN

VIEW IN BROWSER

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Summary

RIP Cornerstone 1/87 Blast Furnace :(

Tabletop Miniatures > Props & Terrains

Tags: steel model railroad railway trains industry train ho scalemodel modeltrains walthers h0scale blast industrial furnace 87 cornerstone 00

I've tried to simplify the construction as much as possible... but a blast furnace has a lot of parts.

To make it manageable, I've broken the build up into segments/folders.

The print number/mirror notes under each file are for the suggested build in the pics.

I've included a segment of roofing/siding you can resize as needed, but I suspect most modellers will have a preferred method of replicating corrugated metal from foil. The aluminum foil/spaghetti trick works. I'd suggest that, rather than spending days printing flat roofing material.

For the handrails (not including those on the loading dock), print a few of the segments and cut to length as needed.

Some of the thinner parts (walkways, skip frames, etc) tend to warp when removed from the build-plate. You can print these thicker without impacting the assembly.

Ultimately, this model a foundation that can be detailed, kitbashed, and expanded upon in ways that the Cornerstone kit was limited.

Model files

Furnace 31 files



furnace.stl

Print x1



furnace_crown.stl

Print x2, mirror 1



furnace_ceiling_frame.stl

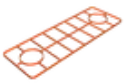
Print x6, mirror 3



furnace_hopper.stl

Print x1

ladder.stl



furnace_upper_platform.stl

Print x1



furnace_middle_platforms.stl

Print x2, mirror 1



furnace_top_walkways.stl

Print x4



furnace_lower_platform_frame.stl

Print x1



furnace_frame_cross.stl

Print x2



furnace_centre.stl

Print x1



furnace_top_angle_pipes.stl

Print x2, mirror 1



furnace_base.stl

Print x2. mirror 1



furnace_ceiling_a.stl

Print x1



furnace_ceiling_b.stl

Print x1



furnace_lower_duct_1.stl

Print x2, mirror 1



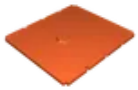
furnace_lower_duct_2.stl

Print x2, mirror 1



furnace_frame.stl

Print x2, mirror 1



furnace_floor.stl

Print x1



handrails.stl

Print as needed



furnace_downpipe.stl

Print x3



furnace_lower_platform.stl

Print x1



furnace_bustle_pipe.stl

Print x4, mirror 2



furnace_round_walkway_lower.stl

Print x1



furnace_round_walkway_upper.stl

Print x1



furnace_ceiling_a_corrugated.stl

Print x1



furnace_ceiling_b_corrugated.stl

Print x1



furnace_downpipe_extended.stl

Print x1



brick_column_short.stl

Same as part in "Cast House"

brick_column_full.stl

Same as part in "Cast House"

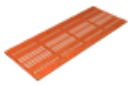


furnace_building_i_beam.stl

Print x2



Loading Dock 6 files



loading_grate.stl



loading_base_double.stl



loading_base_single.stl



loading_fence.stl



loading_upright.stl



loading_upper.stl



Cast House

15 files



bay_walkway_frame.stl

Print x7



bay_roof_frame_peaked.stl

Print x7



roof_caps.stl

Print x2



bay_base.stl

Print x3



bay_pipe.stl

Print x3



bay_floor.stl

Print x4, mirror 2



bay_vent_side.stl



crane_rail.stl

Print x6



internal_detail_girder.stl

Print x9



brick_column_short.stl

Print x7

brick_column_full.stl

Print x24



siding.stl

Print x3



bay_roof_frame_vented.stl

Print x7



cast_house_roof_vents.stl

Print x2



cast_house_roof_vents_end.stl

Print x2

Smokestacks

2 files



stack_base.stl

Print x1



stack_top.stl

Print x1

Stoves

6 files



stove_top.stl

Print x4



stove.stl

Print x4



stove_walkway.stl

Print x4



stove_walkway_upper.stl

Print x4



stove_pipes_horiz.stl

Print x4



stove_pipe_cap.stl

Print x1

Skip

3 files



skip_track.stl

Print x3



skip_frame_angled.stl

Print x2, mirror 1



skip_frame.stl

Print x6, mirror 3

Cleaner Tank

4 files



cleaner_tank_top.stl

Print x1



cleaner_tank.stl

Print x1



cleaner_walkway.stl

Print x1



cleaner_upright.stl

Print x4

Misc. Tank

6 files



misc_tank_top.stl

Print x1



misc_tank.stl

Print x1



180_pipe.stl

Print x1



tank_bracing.stl

Print x2



misc_tank_upright.stl

Print x4



vertical_tank_pipe.stl

Print x2



Interior Crane

2 files



crane_hoist.stl

Print x1



crane.stl

Print x8, mirror 4



Exterior Detail Pipe (large)

4 files



exterior_pipe_downpipe.stl



exterior_pipe_angle.stl



exterior_pipe.stl



exterior_pipe_alternate.stl



Stairs 7 files



stairs_upper_platform.stl



stairs_3.stl



stairs_railing_long.stl



stairs_1.stl



stairs_railing_short.stl



stairs_2.stl



stairs_railing_medium.stl



ladle.stl



reference_furnace.stl

Non-manifold model, only intended for reference.

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