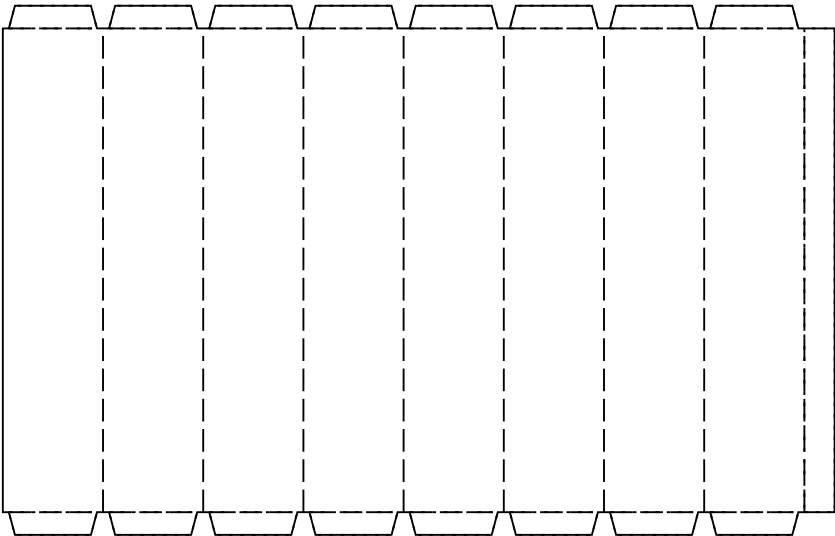


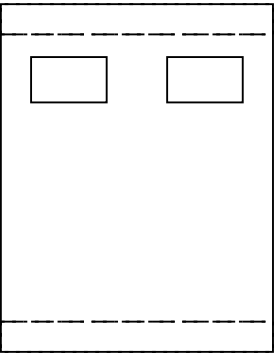
Little Foundry Steam Locomotive

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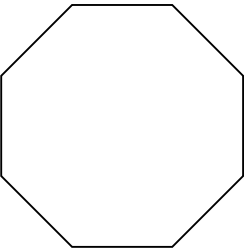
B1 | cut 1
110.04 x 70.00 mm



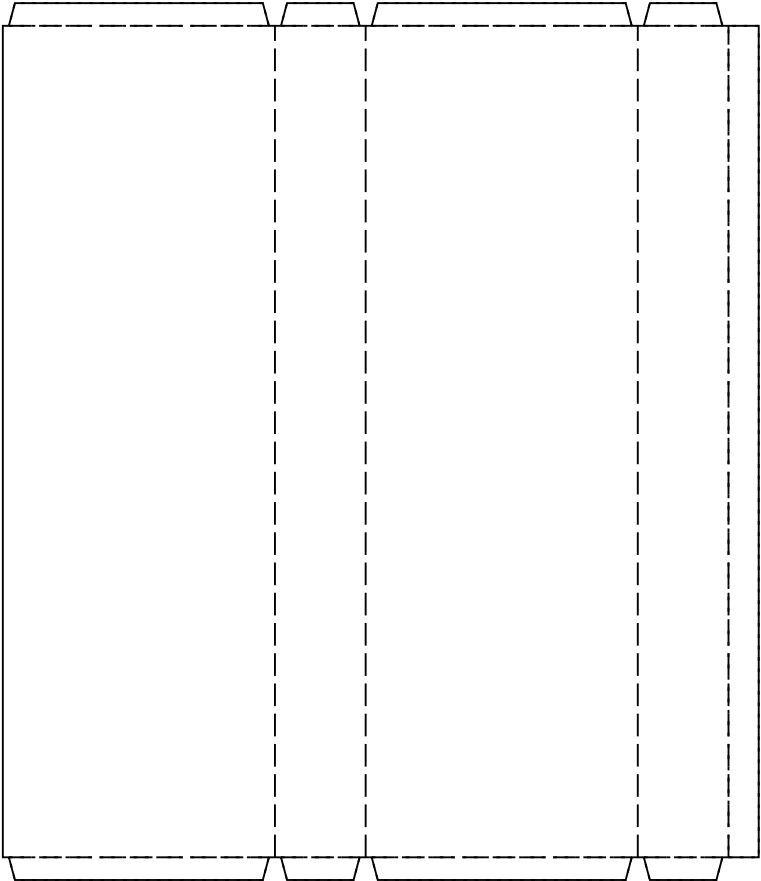
A3 | cut 1
36.00 x 46.00 mm



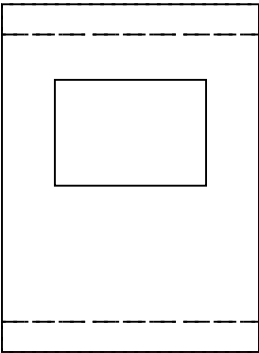
B2 | cut 1
32.00 x 32.00 mm



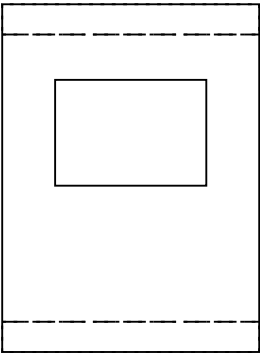
C1 | cut 1
100.00 x 116.00 mm



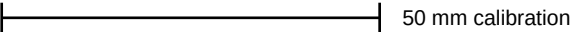
A1 | cut 1
34.00 x 46.00 mm



A2 | cut 1
34.00 x 46.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

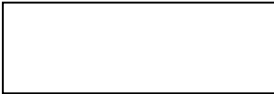
Little Foundry Steam Locomotive

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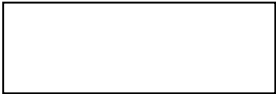
HR3 | cut 1
8.00 x 8.00 mm



C2 | cut 1
36.00 x 12.00 mm



C3 | cut 1
36.00 x 12.00 mm



HL1 | cut 1
8.00 x 8.00 mm



HL2 | cut 1
8.00 x 8.00 mm



HL3 | cut 1
8.00 x 8.00 mm



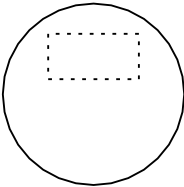
HR1 | cut 1
8.00 x 8.00 mm



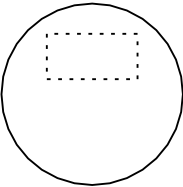
HR2 | cut 1
8.00 x 8.00 mm



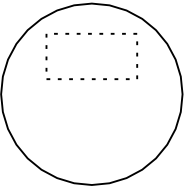
WL3 | cut 1
24.00 x 24.00 mm



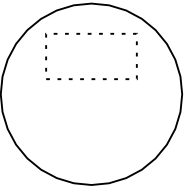
WR1 | cut 1
24.00 x 24.00 mm



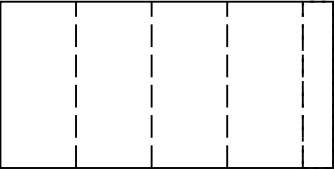
WR2 | cut 1
24.00 x 24.00 mm



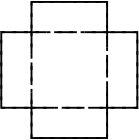
WR3 | cut 1
24.00 x 24.00 mm



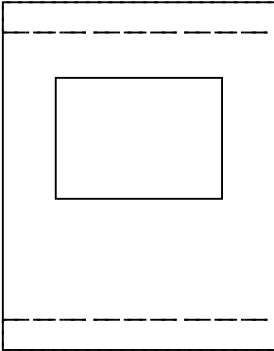
F1 | cut 1
44.00 x 22.00 mm



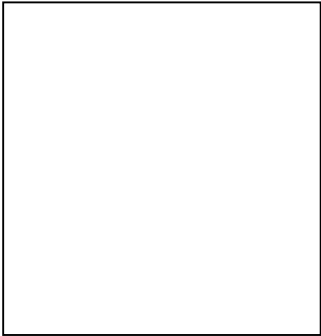
F2 | cut 1
18.00 x 18.00 mm



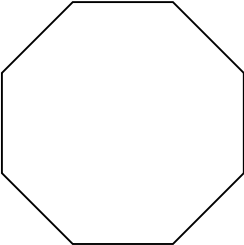
A4 | cut 1
36.00 x 46.00 mm



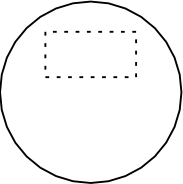
A5 | cut 1
42.00 x 44.00 mm



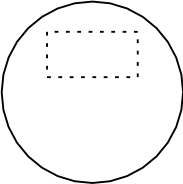
B3 | cut 1
32.00 x 32.00 mm



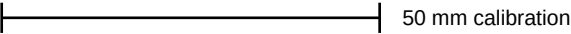
WL1 | cut 1
24.00 x 24.00 mm



WL2 | cut 1
24.00 x 24.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Little Foundry Steam Locomotive

steam-train / 1.0.0 / Letter / Assembly instructions

Finished size: 110 x 44 x 78 mm

Materials: 180-220 gsm cardstock; Scissors or craft knife; Cutting mat; Ruler and scoring tool; PVA glue

Original miniature, not a scale replica. Decorative nonrolling wheels; no functioning engine or mechanism.

Every shell facet and tab has an exact piecewise-rigid flat correspondence. Boiler is intentionally octagonal, not a smooth cylinder.

All supports are supplied paper parts: closed chassis beam, glued wheel mounts, cab flanges and chimney foot. No hidden axles.

Zero-thickness preview idealizes paper and glue thickness; hub faces offset 0.15 mm to show the paper layering. Flange overlaps are intentional.

Generation only. Physical printing, cutting and assembly remain pending; screen review deferred.

Part inventory (cut each instance once):

C1: Chassis beam 110 x 36 x 12

C2: Chassis end cap

C3: Chassis end cap

B1: Octagonal boiler 64 mm

B2: Octagonal boiler end

B3: Octagonal boiler end

A1: Left cab window wall

A2: Right cab window wall

A3: Cab front twin windows

A4: Cab rear window wall

A5: Overhanging cab roof

F1: Open square chimney

F2: Chimney mounting foot

WL1: Fixed wheel diameter 24

HL1: Wheel hub diameter 8

WL2: Fixed wheel diameter 24

HL2: Wheel hub diameter 8

WL3: Fixed wheel diameter 24

HL3: Wheel hub diameter 8

WR1: Fixed wheel diameter 24

HR1: Wheel hub diameter 8

WR2: Fixed wheel diameter 24

Little Foundry Steam Locomotive

steam-train / 1.0.0 / Letter / Assembly instructions continued

HR2: Wheel hub diameter 8

WR3: Fixed wheel diameter 24

HR3: Wheel hub diameter 8

1. Cut and score [C1, C2, C3, B1, B2, B3, A1, A2, A3, A4, A5, F1, F2, WL1, HL1, WL2, HL2, WL3, HL3, WR1, HR1, WR2, HR2, WR3, HR3]: Print at 100 percent; confirm the 50 mm ruler. Cut every outline and remove all five cab window openings. Score dashed lines. Use 180-220 gsm cardstock; wheels are fixed decorations.
2. Close chassis beam [C1, C2, C3]: Fold C1 at 90 degrees around a 36 x 12 mm cross section. Glue the 4 mm long seam inside the first face. Fold the 3 mm end tabs inward 90 degrees and glue C2/C3 over them. Finished beam length is 110 mm; let dry.
3. Form octagonal boiler [B1, B2, B3, C1]: Fold B1 longitudinal creases 45 degrees in the same direction. Glue its 4 mm seam inside the first facet. Turn end tabs inward 90 degrees and glue B2/B3 onto them. Boiler length 64 mm, across flats 32 mm. Glue its bottom flat facet onto the chassis top, front end 8 mm behind the chassis front; rear end at 72 mm. Dry fully.
4. Stand cab walls [A1, A2, A3, A4]: Fold each A1-A4 bottom and top flange inward 90 degrees. Glue feet onto the chassis top: side walls from 72 to 106 mm behind front, flush with both chassis sides. Front/rear walls span the 36 mm width at 72/106 mm. Keep windows unobstructed; lightly glue vertical butt joints. Front twin small windows sit above the boiler.
5. Fit cab roof [A5, A1, A2, A3, A4]: Glue A5 onto the four inward top flanges at height 62 mm. Roof overhang is 4 mm on every side. Flanges overlap at corners; apply thin glue and hold square until dry.
6. Mount chimney [F1, F2, B1]: Fold F2 four flanges upward 90 degrees. Glue its 10 x 10 mm floor on the boiler top flat, centered 25 mm behind chassis front and across the width. Fold F1 corners 90 degrees, glue its 4 mm seam inside, and slide its bottom over F2 flanges. Glue the four 4 mm overlaps. Leave chimney top open.
7. Attach stationary wheels [WL1, WL2, WL3, WR1, WR2, WR3, C1]: Glue the upper marked rectangle of each W wheel directly to the chassis side. Wheel centers are 22, 52 and 88 mm behind front and 12 mm above the table, exactly on the lower chassis edge. Align all six bottoms on a flat table and hold until dry. These full-face mounts require no axle, wire or hidden support; do not try to roll the train.
8. Add hubs and dry [HL1, HL2, HL3, HR1, HR2, HR3]: Center each H disk on the outward face of its matching W wheel. Glue flat and allow all joints to cure. The six stationary wheel disks support this miniature; handle by the chassis, not chimney or roof. Physical print/cut/assembly validation is deferred.