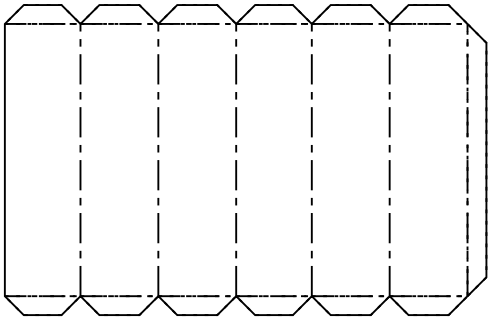
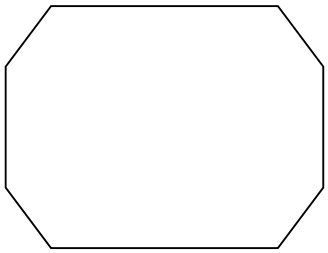
Faceted Long-Neck Giraffe

giraffe / 1.0.0 / A4 / Template page 1

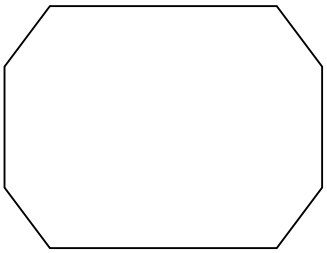
HEAD | cut 1
63.68 x 41.00 mm



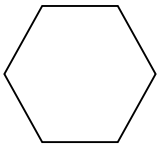
BODYB | cut 1
42.00 x 32.00 mm



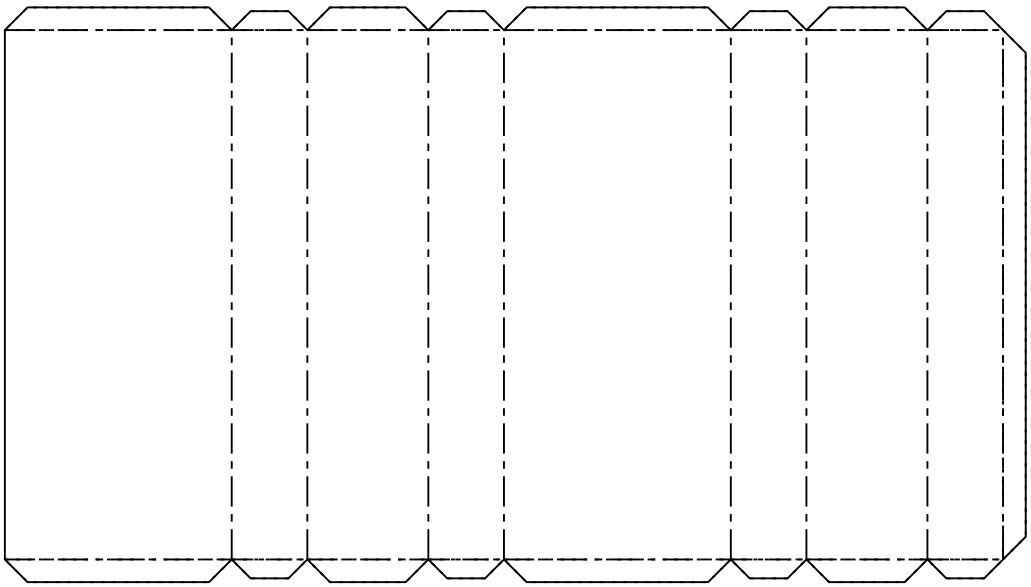
BODYT | cut 1
42.00 x 32.00 mm



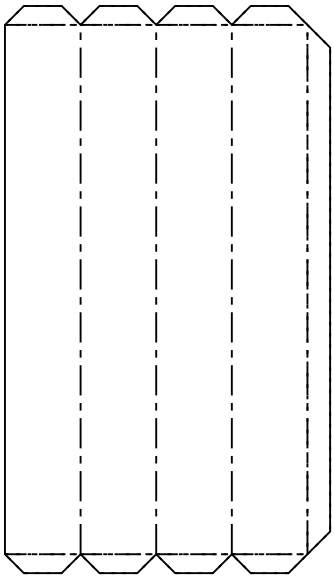
HEADB | cut 1
20.00 x 18.00 mm



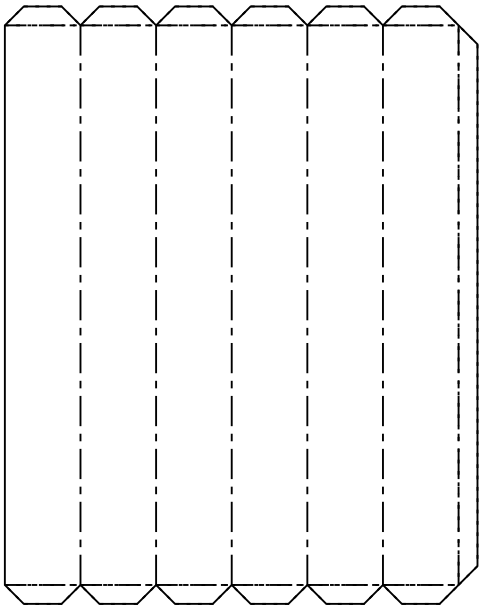
BODY | cut 1
135.00 x 76.00 mm



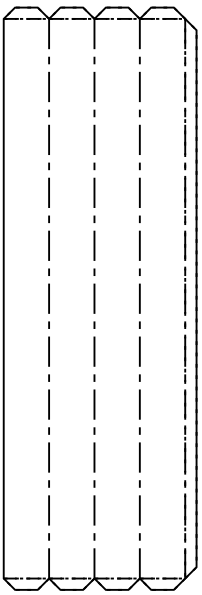
RF | cut 1
43.00 x 75.00 mm



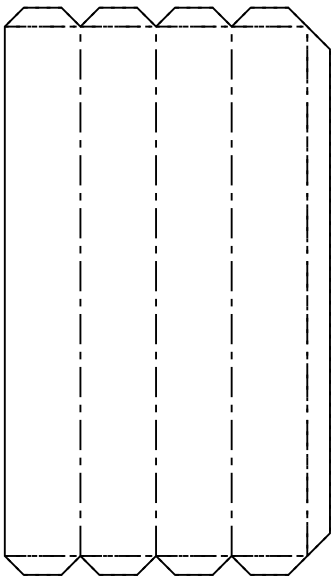
NECK | cut 1
62.50 x 79.00 mm



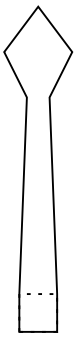
CORE | cut 1
25.50 x 77.00 mm



LF | cut 1
43.00 x 75.00 mm



TAIL | cut 1
9.00 x 43.00 mm



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

50 mm calibration

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

Faceted Long-Neck Giraffe

giraffe / 1.0.0 / A4 / Template page 2

RHB | cut 1
10.00 x 10.00 mm

RHT | cut 1
10.00 x 10.00 mm

SPOTL1 | cut 1
13.00 x 10.00 mm

SPOTL2 | cut 1
13.00 x 10.00 mm

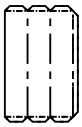
SPOTR1 | cut 1
13.00 x 10.00 mm

SPOTR2 | cut 1
13.00 x 10.00 mm

COREB | cut 1
6.00 x 6.00 mm

CORET | cut 1
6.00 x 6.00 mm

HORN2 | cut 1
9.65 x 15.30 mm



LFB | cut 1
10.00 x 10.00 mm

LFT | cut 1
10.00 x 10.00 mm

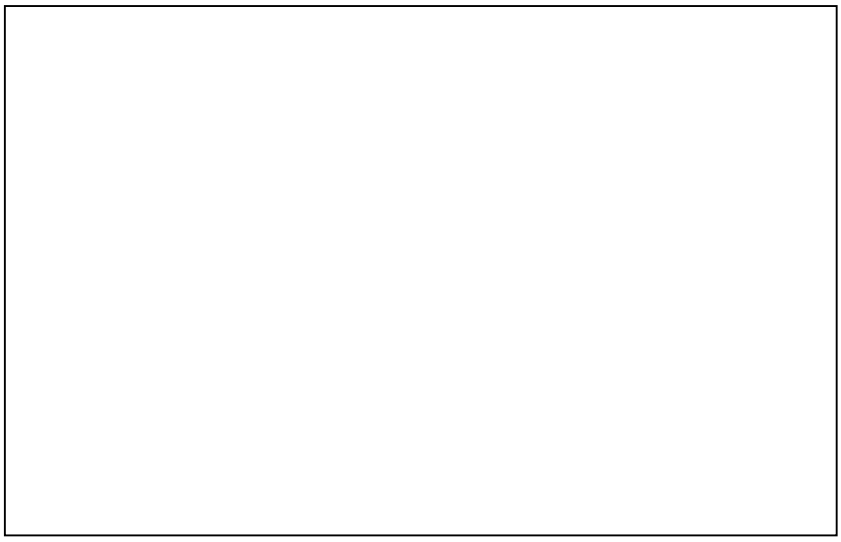
RFB | cut 1
10.00 x 10.00 mm

RFT | cut 1
10.00 x 10.00 mm

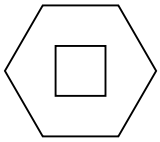
LHB | cut 1
10.00 x 10.00 mm

LHT | cut 1
10.00 x 10.00 mm

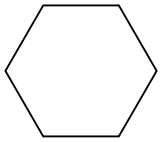
BASE1 | cut 1
110.00 x 70.00 mm



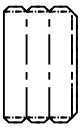
NECKB | cut 1
20.00 x 17.32 mm



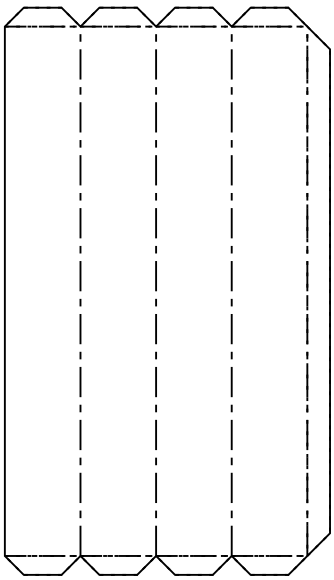
NECKT | cut 1
20.00 x 17.32 mm



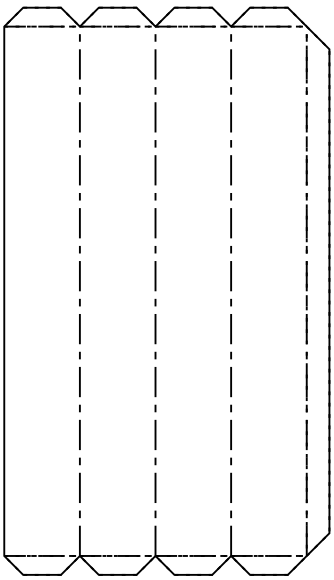
HORN1 | cut 1
9.65 x 15.30 mm



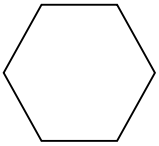
LH | cut 1
43.00 x 75.00 mm



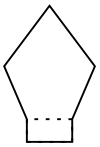
RH | cut 1
43.00 x 75.00 mm



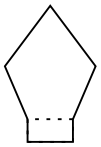
HEADT | cut 1
20.00 x 18.00 mm



EAR1 | cut 1
12.00 x 18.00 mm



EAR2 | cut 1
12.00 x 18.00 mm



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

50 mm calibration

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

Faceted Long-Neck Giraffe

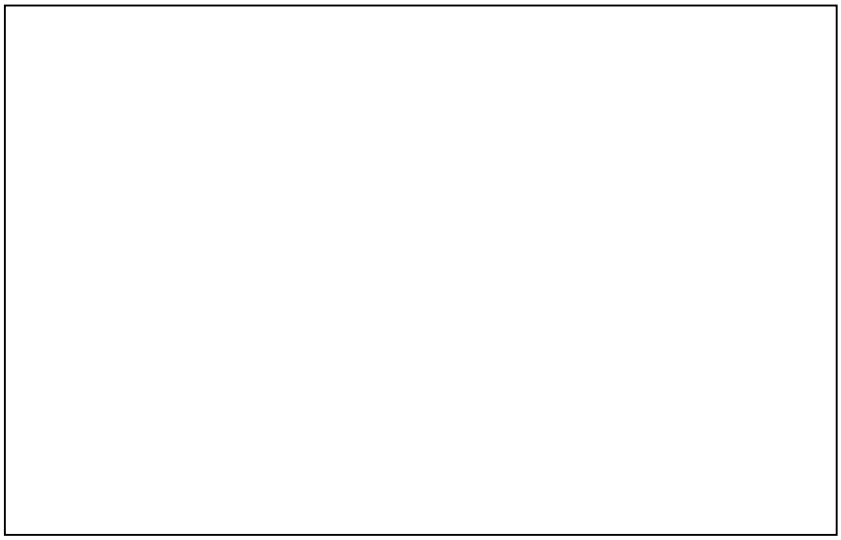
giraffe / 1.0.0 / A4 / Template page 3

HORN2T | cut 1
3.00 x 2.60 mm

EYEL | cut 1
2.00 x 2.00 mm

EYER | cut 1
2.00 x 2.00 mm

BASE2 | cut 1
110.00 x 70.00 mm



HORN1B | cut 1
3.00 x 2.60 mm

HORN1T | cut 1
3.00 x 2.60 mm

HORN2B | cut 1
3.00 x 2.60 mm

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

50 mm calibration

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

Faceted Long-Neck Giraffe

giraffe / 1.0.0 / A4 / Assembly instructions

Finished size: 110 x 70 x 208 mm including display base; giraffe body length 83 mm

Materials: 220-250 gsm cardstock for all parts; Scissors or craft knife; Scoring tool and ruler; PVA glue; Tweezers for ossicones; Book for drying the base

Original dimensional construction with matching rigid-face nets and real seam/end tabs.

The included two-layer base is required; all four feet are glued to it. Neck includes a separate capped paper core.

Zero-thickness geometry idealizes cap/tab overlaps and glued laminations; paper thickness and glue clearance require physical trial.

Small ossicone tabs require careful scoring and tweezers. No wire, hidden rods or non-paper supports.

Generation only. Screen review and physical print/cut/assembly/stability verification deferred.

Part inventory (cut each instance once):

BASE1: Laminated display base

BASE2: Laminated display base

LF: LF leg shell

LFB: LF leg end cap

LFT: LF leg end cap

RF: RF leg shell

RFB: RF leg end cap

RFT: RF leg end cap

LH: LH leg shell

LHB: LH leg end cap

LHT: LH leg end cap

RH: RH leg shell

RHB: RH leg end cap

RHT: RH leg end cap

BODY: Octagonal torso shell

BODYB: Octagonal torso end cap

BODYT: Octagonal torso end cap

CORE: Hidden neck reinforcement shell

COREB: Hidden neck reinforcement end cap

CORET: Hidden neck reinforcement end cap

NECK: Long hexagonal neck shell

NECKB: Long hexagonal neck end cap

NECKT: Long hexagonal neck end cap

HEAD: Small elongated head shell

Faceted Long-Neck Giraffe

giraffe / 1.0.0 / A4 / Assembly instructions continued

HEADB: Small elongated head end cap

HEADT: Small elongated head end cap

HORN1: Triangular ossicone shell

HORN1B: Triangular ossicone end cap

HORN1T: Triangular ossicone end cap

HORN2: Triangular ossicone shell

HORN2B: Triangular ossicone end cap

HORN2T: Triangular ossicone end cap

EAR1: Broad leaf ear

EAR2: Broad leaf ear

TAIL: Hanging tufted tail

SPOTL1: Angular flank patch

SPOTL2: Angular flank patch

EYEL: Eye patch

SPOTR1: Angular flank patch

SPOTR2: Angular flank patch

EYER: Eye patch

1. Prepare and laminate base [BASE1, BASE2]: Print at 100%; check the 50 mm ruler. Cut all outlines and score dash-dot creases. Laminate BASE1 onto BASE2 across their entire 110 x 70 mm faces and dry flat under a book. This included display base is required. Coordinates below use its centre as (0,0), nose toward +X.

2. Fold LF leg [LF, LFB, LFT]: Fold the four 10 mm wall panels 90 degrees inward, printed side out; glue the final 3 mm lap inside the first wall. Fold the tapered end tabs inward 90 degrees. Glue B and T caps onto the tabs to make a 10 x 10 x 70 mm closed column. Dry square. Glue the entire B cap to the base with its centre at X=24, Y=-10 mm; keep the column vertical.

3. Fold RF leg [RF, RFB, RFT]: Fold the four 10 mm wall panels 90 degrees inward, printed side out; glue the final 3 mm lap inside the first wall. Fold the tapered end tabs inward 90 degrees. Glue B and T caps onto the tabs to make a 10 x 10 x 70 mm closed column. Dry square. Glue the entire B cap to the base with its centre at X=24, Y=10 mm; keep the column vertical.

4. Fold LH leg [LH, LHB, LHT]: Fold the four 10 mm wall panels 90 degrees inward, printed side out; glue the final 3 mm lap inside the first wall. Fold the tapered end tabs inward 90 degrees. Glue B and T caps onto the tabs to make a 10 x 10 x 70 mm closed column. Dry square. Glue the entire B cap to the base with its centre at X=-24, Y=-10 mm; keep the column vertical.

5. Fold RH leg [RH, RHB, RHT]: Fold the four 10 mm wall panels 90 degrees inward, printed side out; glue the final 3 mm lap inside the first wall. Fold the tapered end tabs inward 90 degrees. Glue B and T caps onto the tabs to make a 10 x 10 x 70 mm closed column. Dry square. Glue the entire B cap to the base with its centre at X=-24, Y=10 mm; keep the column vertical.

6. Close and mount faceted torso [BODY, BODYB, BODYT, LF, LFB, LFT, RF, RFB, RFT, LH, LHB, LHT, RH, RHB, RHT]: Wrap BODY into its octagonal section using the two end caps as shape gauges; the 30 mm-wide bottom and top faces are horizontal, and the 16 mm side faces vertical. Glue the 3 mm seam inside the first wall. Turn all end tabs inward 90 degrees and glue BODYB at the rump and BODYT at the chest. Dry, then glue the four leg top caps to the underside: their centres are 11 and 59 mm from the rump, and 5 and 25 mm across the 30 mm belly. Torso bottom is 70 mm above the base; top is 102 mm. Hold level until set.

7. Install neck reinforcement [CORE, COREB, CORET]: Fold CORE into a 6 x 6 x 74 mm square tube, crease walls 90 degrees and glue its 1.5 mm seam. Fold end tabs inward 90 degrees and cap both ends. Glue COREB to the torso top at X=24, Y=0 mm (59 mm

forward of the rump). Keep vertical and dry fully. This paper core supports the small head.

8. Fit the long neck [NECK, NECKB, NECKT, CORE, COREB, CORET]: Cut the 6.6 mm square opening in NECKB. Fold NECK at its five long creases by 60 degrees; glue the 2.5 mm seam inside the first face. Fold end tabs inward 90 degrees. Attach the lower cap NECKB only. Slide it down over CORE, with hexagon pointed ends toward rump and nose. Glue its lower cap to the torso top; neck centre is 59 mm forward of rump, centred across the back. Glue NECKT onto upper tabs and onto CORET simultaneously. Neck height above back is 74 mm. Dry upright.

9. Mount small head [HEAD, HEADB, HEADT, NECK, NECKB, NECKT]: Form the six head walls around HEADB and HEADT as gauges; the 10 mm bottom and top panels are horizontal. Glue the 2.5 mm seam, turn end tabs inward 90 degrees and glue the caps. HEADB is rear, HEADT is muzzle. Glue the head bottom onto NECKT, its rear 2 mm behind the neck rear point and nose 14 mm beyond the front point. The head bottom is 176 mm above base. Hold until dry; the internal core bears directly beneath this joint.

10. Add horn1 [HORN1, HORN1B, HORN1T]: Fold the three narrow walls to match the triangular caps, glue the 0.65 mm seam and fold end tabs inward 90 degrees. Close both ends. Glue the lower triangular cap on the head top, 8 mm from its rear and Y=-3 mm from the centreline. Keep this 14 mm ossicone upright. Use tweezers.

11. Add horn2 [HORN2, HORN2B, HORN2T]: Fold the three narrow walls to match the triangular caps, glue the 0.65 mm seam and fold end tabs inward 90 degrees. Close both ends. Glue the lower triangular cap on the head top, 8 mm from its rear and Y=3 mm from the centreline. Keep this 14 mm ossicone upright. Use tweezers.

12. Attach ears [EAR1, EAR2]: Glue the 6 x 3 mm root rectangles of EAR1 and EAR2 flat onto opposite edges of the head top, 4 mm from its rear. Roots occupy the outermost 3 mm of the top panel. The pointed 15 mm blades project horizontally sideways beyond the head; leave them flat as shown.

13. Attach tail [TAIL]: Glue the 5 x 5 mm TAIL root flat to the rump end cap, centred across its width, with the top edge 11 mm below the back. Leave the tapered tail and angular tuft free; it hangs down to 48 mm above the base.

14. Add patches and let dry [SPOTL1, SPOTL2, EYEL, SPOTR1, SPOTR2, EYER]: Glue the four angular patches flat on the vertical flank faces, lower edges 10 mm above the belly. Place left and right pairs 17 and 38 mm forward of the rump. Glue each 2 mm eye on the upper sloping cheek, 23 mm forward of head rear, 3 mm up the slope from its widest edge. Allow all joints to dry overnight on a level surface. Display on its included base; do not lift by the neck.