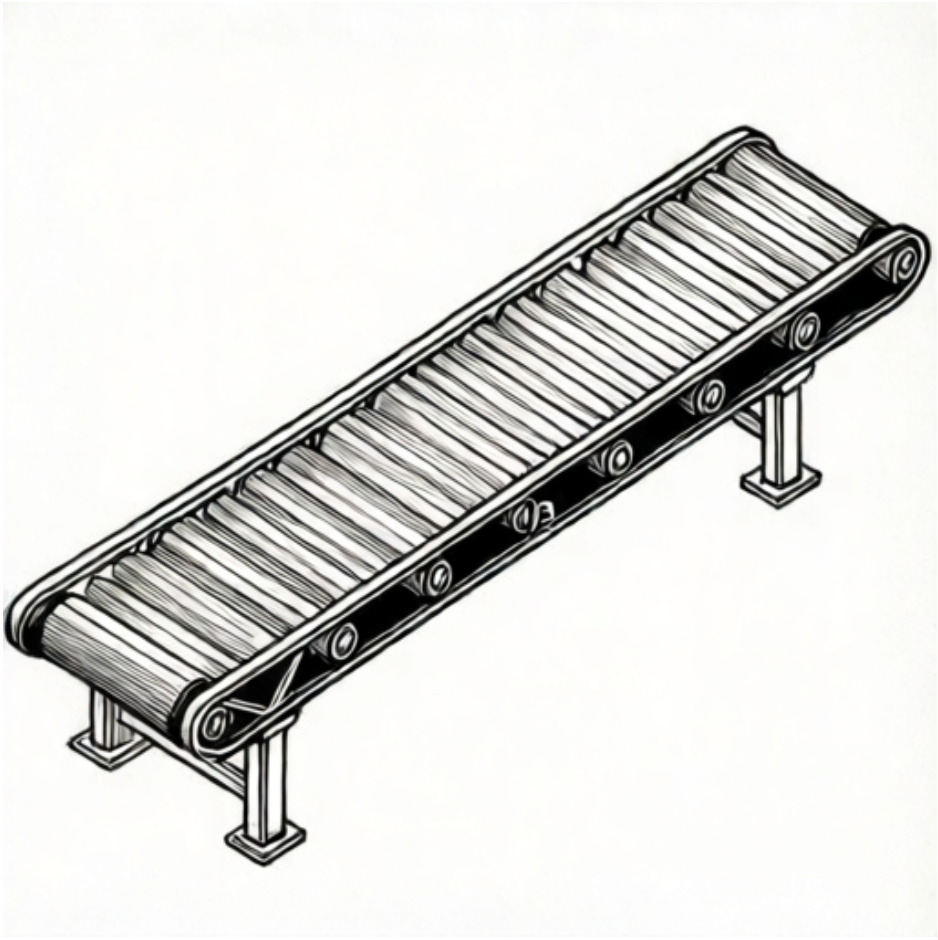
Isometric Conveyor Belt Drawing: Axes, Frame, Rollers, and Belt Surface

Ordinary topic reference / separately checked pixels



Isometric Conveyor Belt Drawing: Axes, Frame, Rollers, and Belt Surface

Original worked example / unchanged complete key

Prompt: Construct a simple conveyor belt in isometric with a frame length of 6 units, width of 3 units, height of 1 unit, and rollers at 1-unit intervals along the length. Use 1 unit equals 10 mm as a hypothetical example.

Answer: From the origin, mark 60 mm along the right 30-degree axis for length and 30 mm along the left 30-degree axis for width. Complete the top rectangle. Drop vertical edges 10 mm to close the lower rectangle. Mark roller positions at 10 mm intervals along the length and draw each roller parallel to the width axis. Draw the belt top as a parallelogram resting on the roller lines, parallel to the frame top; if showing belt thickness, offset the top face by the belt thickness above the roller contact line, not by an arbitrary gap. Add a thin side edge. Final drawing shows parallel axes, equal roller spacing, and a clean belt surface.