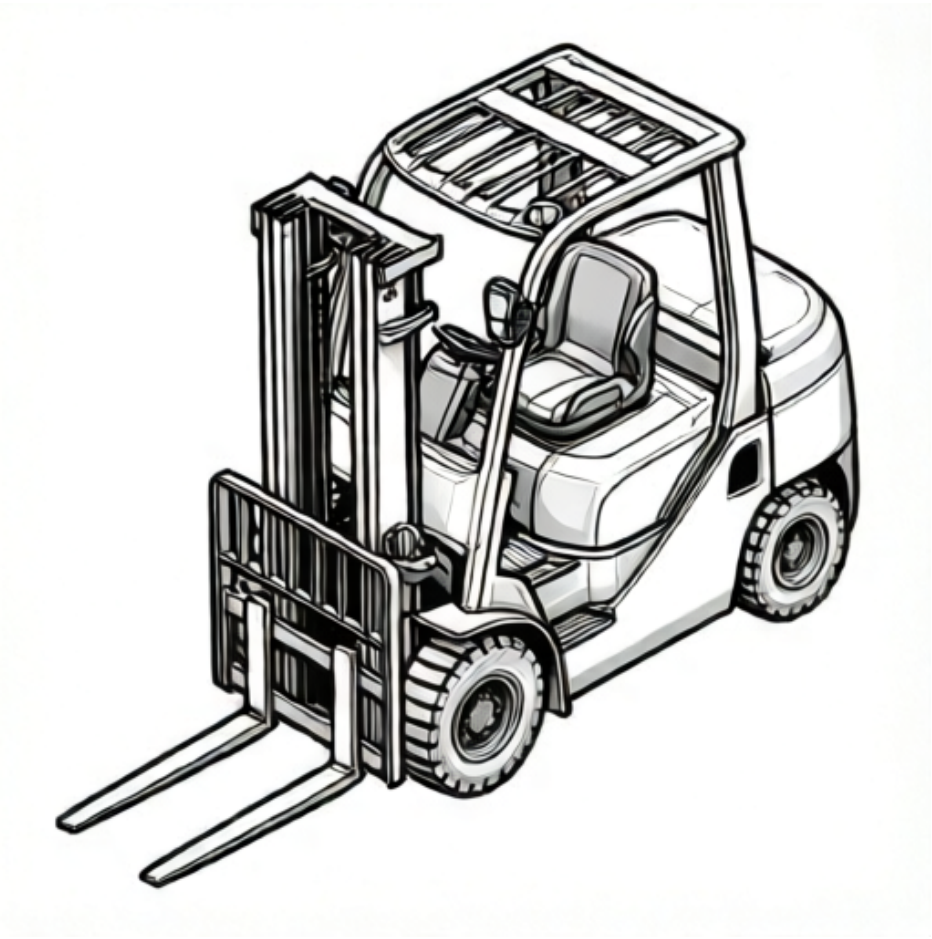
Forklift Isometric Drawing: Stacked Volumes on a 30-Degree Grid

Ordinary topic reference / separately checked pixels



Forklift Isometric Drawing: Stacked Volumes on a 30-Degree Grid

Original worked example / unchanged complete key

Prompt: Using a unit length of 10 mm, draw a chassis box 6 units wide, 4 units deep, and 1 unit high on the isometric grid. State the drawn dimensions and one check.

Answer: The chassis top face is a parallelogram with sides 60 mm along W and 40 mm along D. Vertical edges are 10 mm. Check: the height is one-tenth of the width (10 mm vs 60 mm), matching the 1:6 ratio.