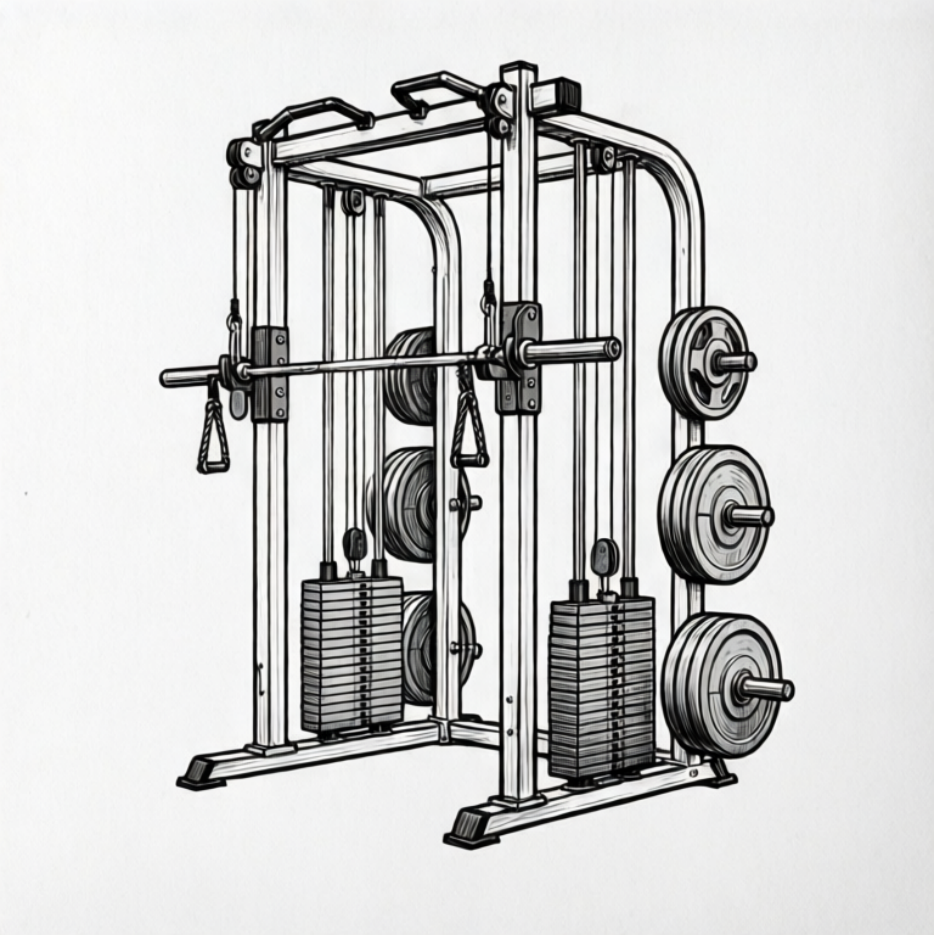
Draw Gym Equipment: Frame and Weight-Stack Construction

Ordinary topic reference / separately checked pixels



Draw Gym Equipment: Frame and Weight-Stack Construction

Original worked example / unchanged complete key

Prompt: Draw a simple cable-pulley machine frame with one upright, one top pulley, and a four-plate weight stack. Use a frame height of 12 cm and a stack height of 4 cm as hypothetical examples. Show the cable tangent to the pulley and label the stack with a consistent x-height.

Answer: The drawing shows a vertical upright 12 cm tall and 2 cm wide with rounded caps. A top pulley circle of 2 cm diameter sits at the top right, with an axle circle at one-third radius. The cable runs from the top plate tangent to the pulley and down to the stack. The stack has four rounded rectangles, each 3 cm wide and 0.8 cm tall, with 2 mm gaps and aligned center holes. A short vertical connector line joins the cable to the top plate, and a selector pin is drawn as a short horizontal line entering the side of a plate and stopping at the center rod. Labels use a 3 mm x-height. The frame-to-stack height ratio is 12 to 4, or three to one, which matches the proportion check.