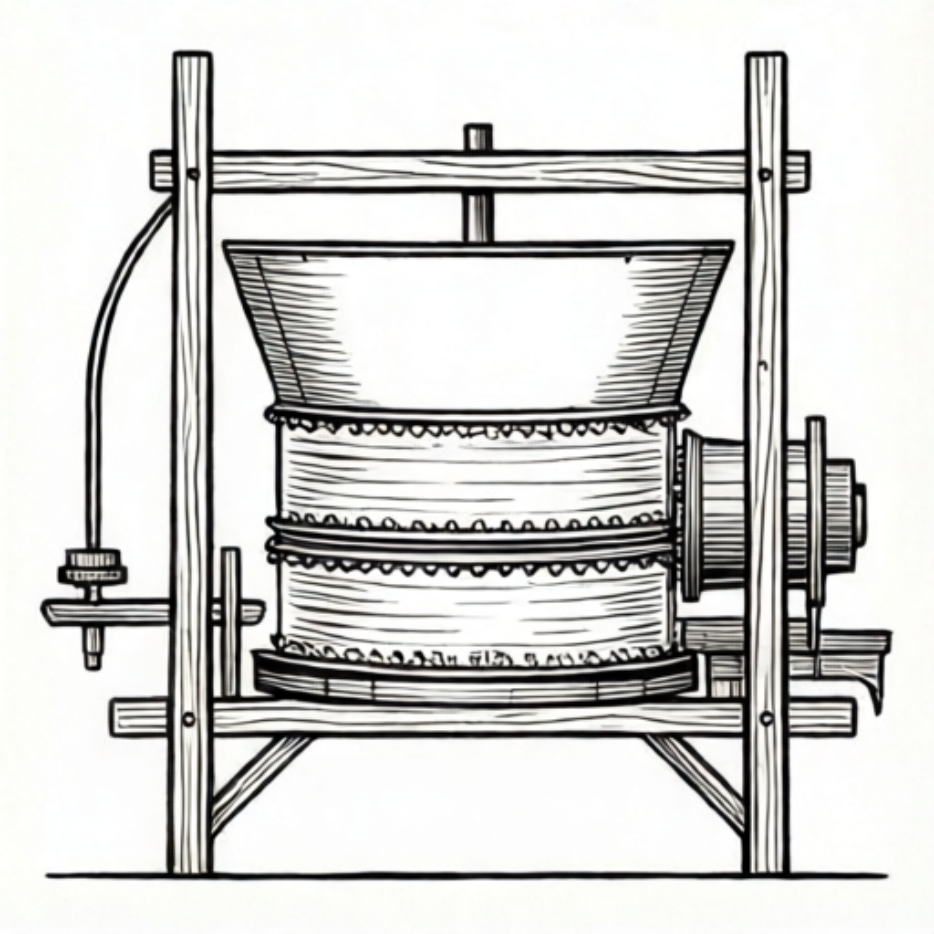
Draw a Cotton Gin: Labeled Mechanical Drawing Guide

Ordinary topic reference / separately checked pixels



Draw a Cotton Gin: Labeled Mechanical Drawing Guide

Original worked example / unchanged complete key

Prompt: Draw a cotton gin on 20 cm by 15 cm paper with a 1 cm border. Use a frame 8 cm wide and 6 cm tall, a hopper 4 cm wide above it, a saw cylinder 2 cm across inside the stand, and a brush cylinder 3 cm across behind it. Label five parts.

Answer: The drawing shows a centered frame 8 cm by 6 cm, a slanted hopper 4 cm wide on top, a circle 2 cm across inside the frame for the saw cylinder, a dashed circle 3 cm across behind it for the brush cylinder, and five labels with anchor dots. The hopper-to-frame width ratio is 4:8 or 1:2. The brush-to-saw diameter ratio is 3:2 or 1.5:1. All labels use the same cap height and solid or dashed lines follow the convention.