

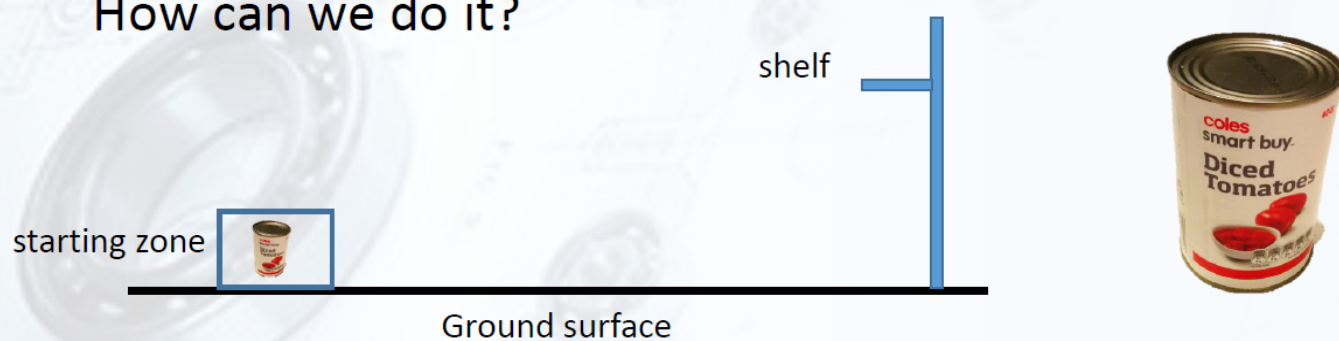


# A basic design process

## Task:

Starting from a box no greater than 250mm cubed. A purely mechanical device must place a can of tomato's on a shelf 500 mm above the ground, 1.5 m from the starting zone.

How can we do it?





# A basic design process

- Task specifications
- Brainstorm ideas (e.g. couple or more)
- Cut what's unreasonable
- Use a selection criteria
- Prototype calculations and model design
- Simulation
- Adjustments
- Drawings/components
- Build and test.
- Modify (if necessary)