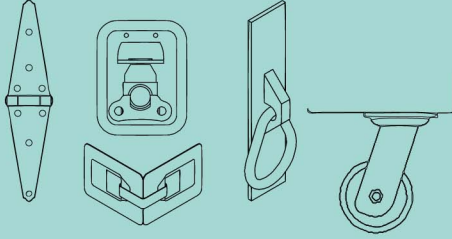




ARCHITECTURE OF A BOX

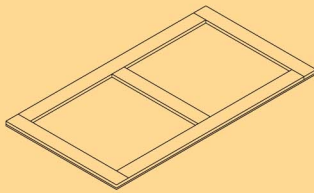
THE SCIENCE OF BOX DESIGN & CONSTRUCTION CAN BE A CONFUSING JOURNEY
This document will help you identify the key design methods for heavy duty packaging containers.

HARDWARE & UPGRADES



- Screws • More secure & removable
- Hinges • Attaches loose panel to box for easy opening
- Paint • Visually appealing and protects wood from weather
- Water Sealer • Oily coat to protect wood from weather elements
- Lifting Ring • Allows loose panel or top box to be lifted
- Paper Liner • Weather proof liner protects your product
- Truck Bed Liner • Sprayed on box for durability and weather protection
- Link Locks • Allows box to be opened easily and without tools
- Observation Ports • Used for inspection of part without disassembly of box
- Handles • For ease of handling

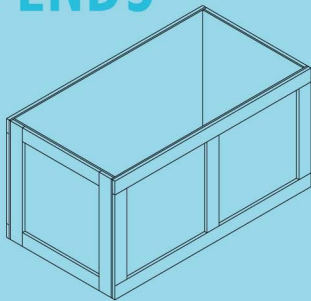
LID



Plywood lid 1x4 cleats

- Slip Lid • Fits over box with cleats to lock in place securely
- Attached Lid • Facilitates side, end, or deck loading
- Loose Lid • Removable for loading from top
- Split Lid • Two piece lid, split in the middle for ease of lifting

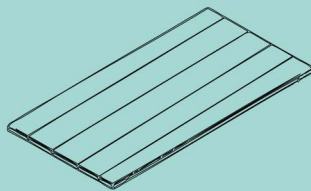
SIDES & ENDS



Plywood panels 1x4 cleats

- Open Crate • Cost effective & lighter shipping
- Plywood • Prevents exposure from outside elements
- Cleats • Joins plywood sheets together
- Cleats Inside • Better for shedding water
- Intermediate Cleats • Every 24" for additional panel strength
- Dimensional Lumber • Used in place of cleats & plywood for short boxes
- Knockdown • Pre built panels ready to assemble around part
- Loose Panel • Allows access from side

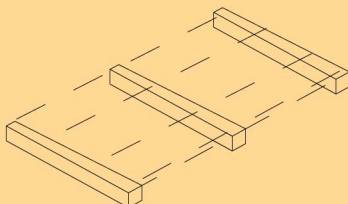
DECK



Heavy duty 2x deck

- Heavy Duty • 2x lumber deck handles stress of heavy loads
- Light Duty • Cost effective plywood deck for light loads
- Attached Base • Panels are attached to base for top loading
- Cleated Base • Extra strength for light duty base
- Loose Base • Top box lifts for easy access to heavy parts
- Super Duty • Added 4x headers strengthen base

SKIDS



4x4 Skid

- Skids 4x4 • Standard skid to allow forklift entry
- Skids 4x6 • Heavy duty skids to accommodate 2x4 cleats
- Skids (2) 2x4 • Double stack skids to reduce cost
- Chamfered Skids • Allows box to easily slide on ground
- 4-way Entry • Allows forklift entry from all sides for easy loading