

ThinkSystem Heavy Duty Full Depth 42U Rack Cabinet Unpacking Instructions

Unpack the rack cabinet

S037



CAUTION:

The weight of this part or unit is more than 200 kg (441 lb). It takes specially trained persons, a lifting device, or both to safely lift this part or unit.

Make sure to follow fork-lift truck operating regulations to prevent overturning of the rack cabinet.

Notes:

- **Space requirement:** You will need minimum of 2885 mm (113.6 inch) on the rear side of the pallet to unpack the rack cabinet.
- **Tool requirement:** You will need one sharp tool.
- **Forklift requirements:**

Note: Only the front side of the pallet is available for the forklift.

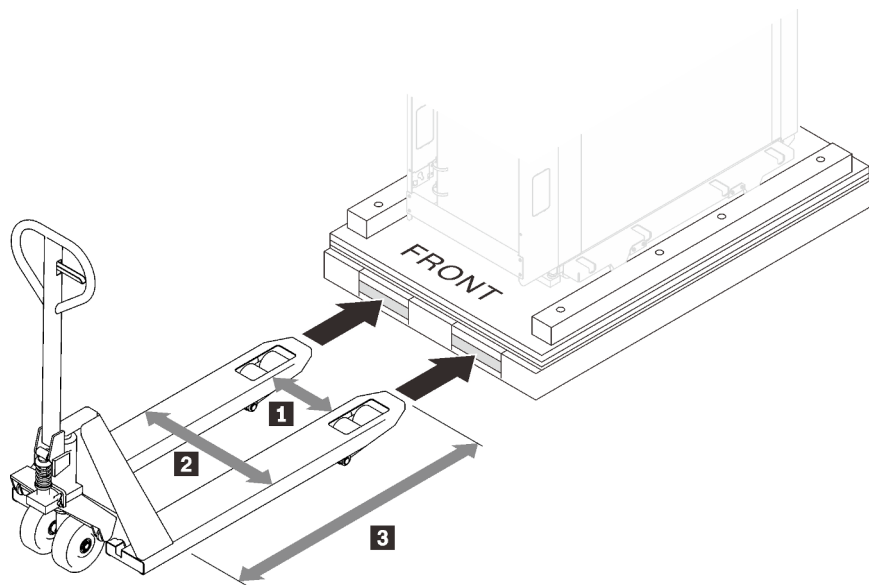


Figure 1. Forklift

- **1** must be longer than 350 mm.
- **2** must be shorter than 700 mm.

- **3** must be between 1450 to 1650 mm.
- Loading capacity must be larger than 3000 kg.

Step 1. Cut the four straps with a sharp tool.

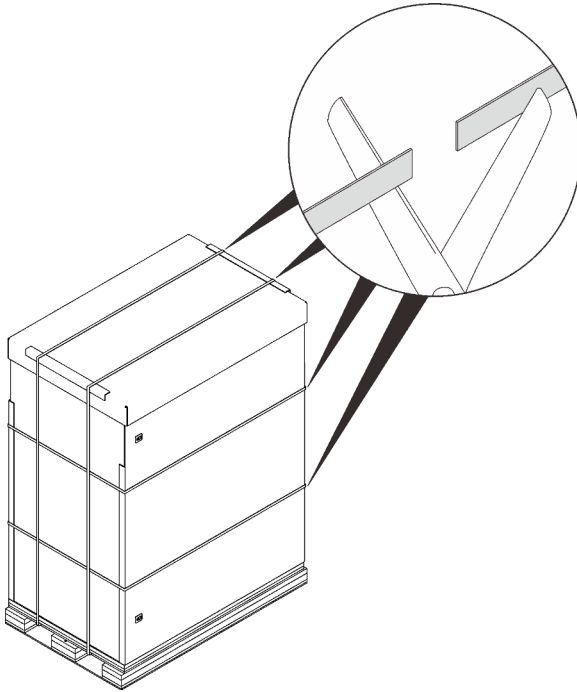


Figure 2. Cutting the straps

Step 2. Remove the top cover and side cardboards.

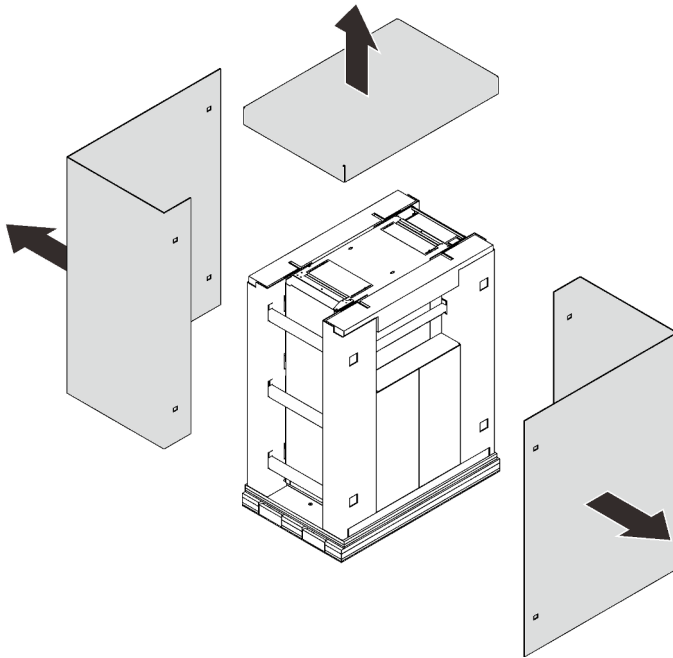


Figure 3. Removing the cardboards

Step 3. Remove the top bars and side boxes.

Note: One of the side cartons contains the ramps and is quite heavy. Lifting it requires two people.

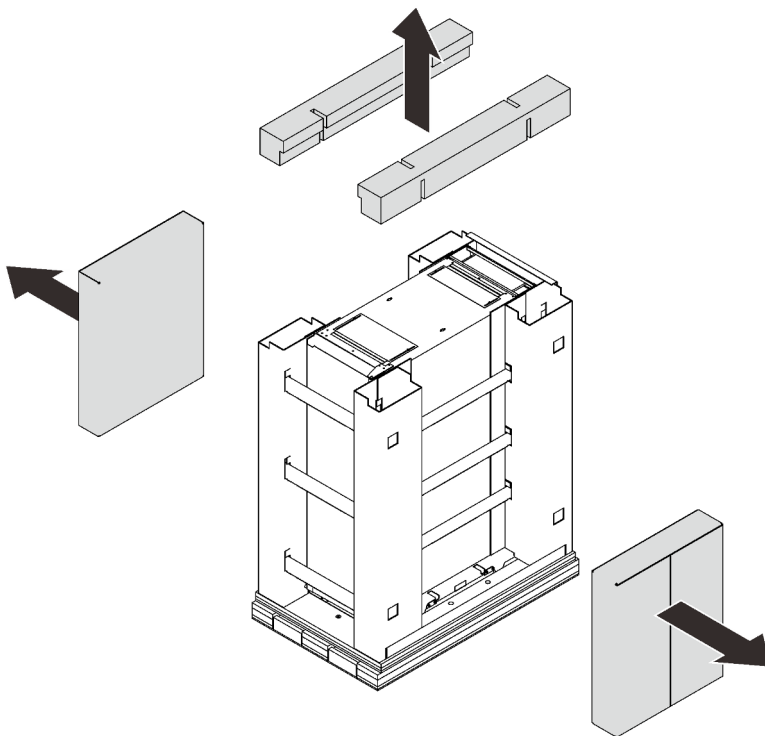


Figure 4. Removing the top bars and side boxes

Step 4. Release and remove the side frames.

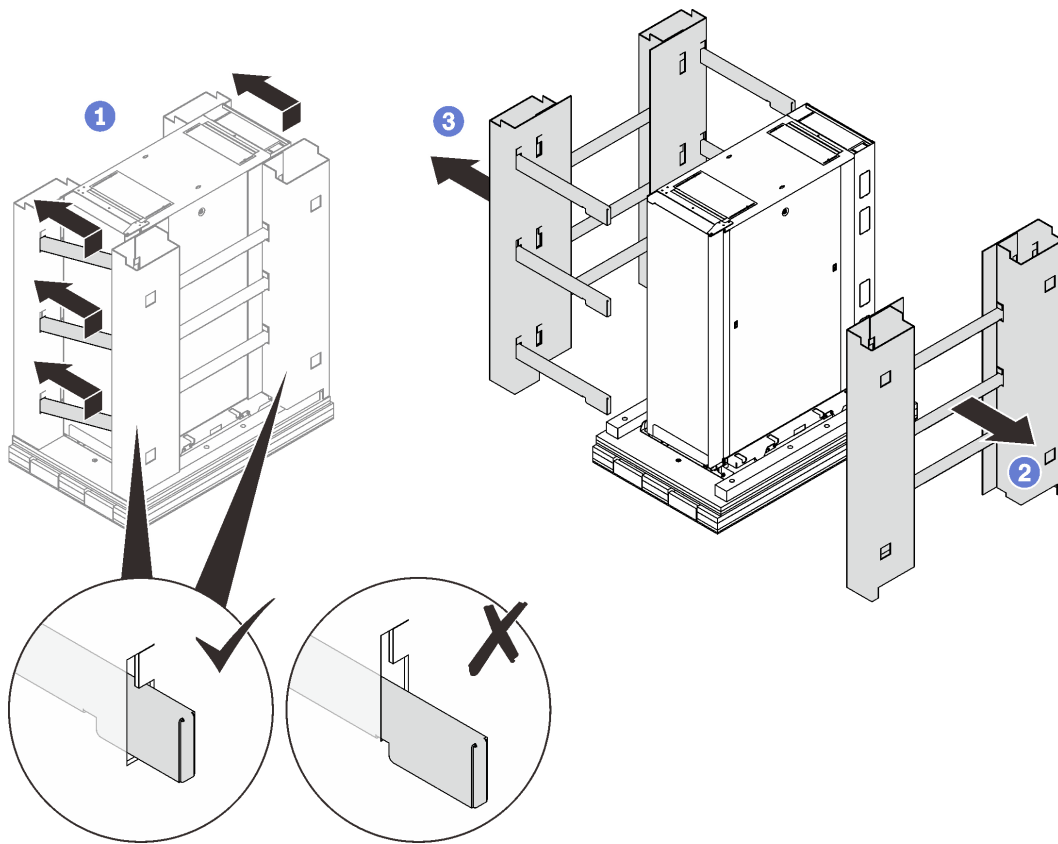


Figure 5. Removing the side frames

- 1 Slightly lift and slide the six horizontal bars left to disengage their right ends from the slots on the right frame.
- 2 Remove the right frame along with the three horizontal bars.
- 3 Remove the left frame along with the nine horizontal bars.

- Step 5. Open the front door, and remove the following:
- Remove the two bolts with wrench for 10, 14, 5, 18, 26.
 - Remove the four M6 screws with wrench for 8, 9, 2
 - Remove the eight M10 screws with wrench for 8, 9, 2.

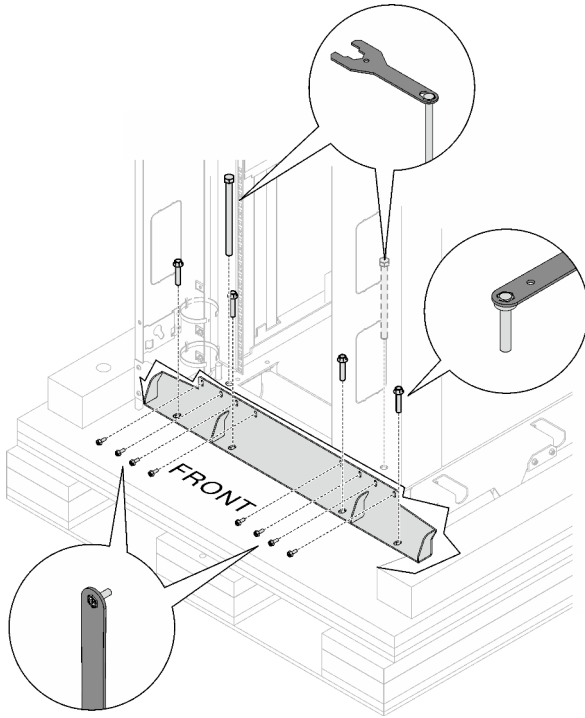
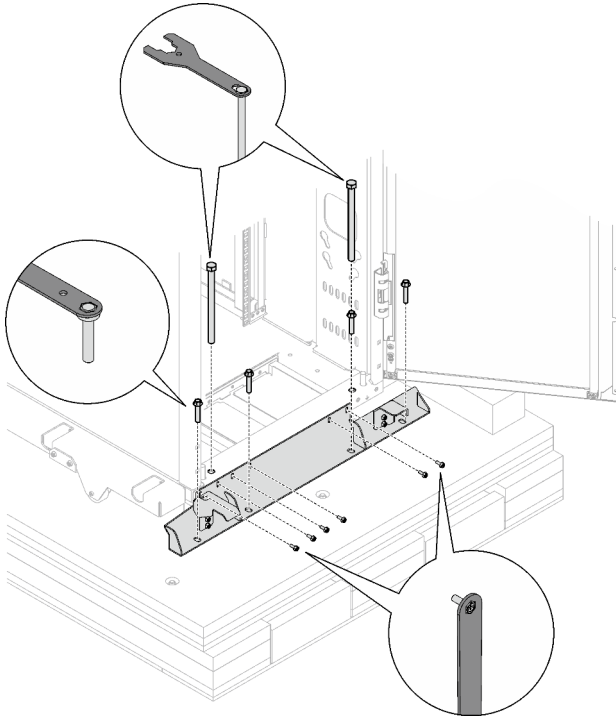


Figure 6. Removing the front shipping bracket

- Step 6. Open the rear door, and remove the following:
- Remove the two bolts with wrench for 10, 14, 5, 18, 26.
 - Remove the four M6 screws with wrench for 8, 9, 2
 - Remove the six M10 screws with wrench for 8, 9, 2.



Note: Keep at least one bolt for later use.

Figure 7. Removing the rear shipping bracket

Step 7. Rise each of the four leveling pads with wrench for 10, 14, 5, 18, 26 in turns until they no longer bear the weight of the rack cabinet.

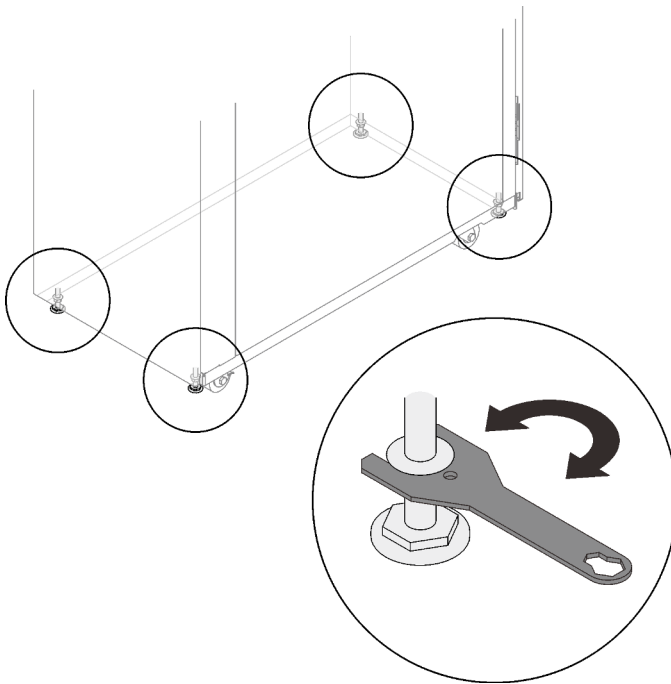


Figure 8. Rising the leveling pads

Step 8. Secure the two metal plates to the ramp with the eight screws that come in a small bag attached to the plates.

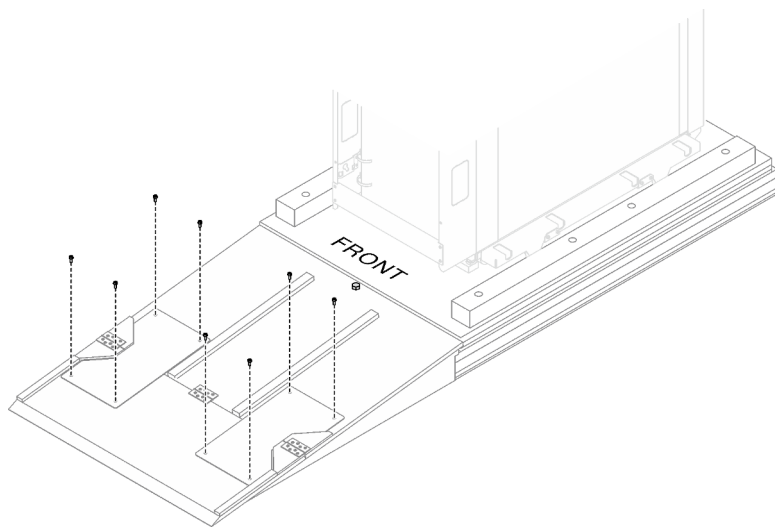


Figure 9. Securing the two plates to the ramp

Step 9. Secure the ramp to the pallet with one of the bolts that have been removed previously with wrench for 10, 14, 5, 18, 26.

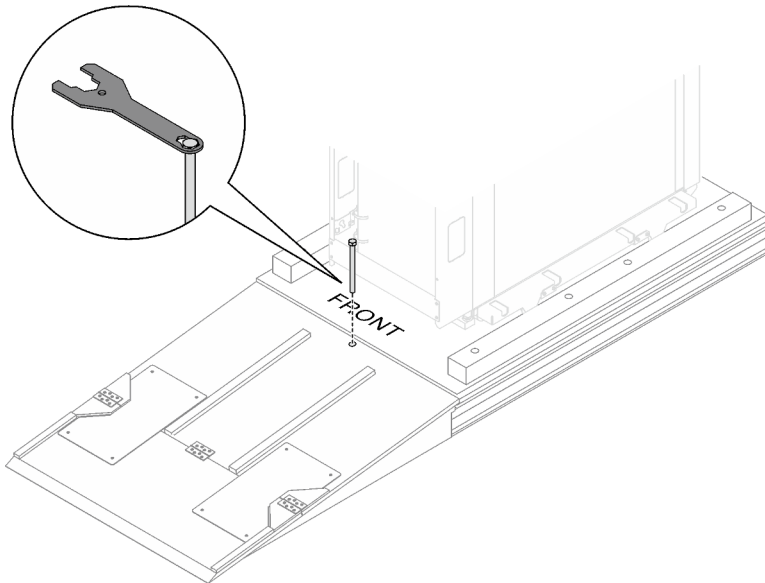


Figure 10. Securing the ramp to the pallet

Step 10. Place the ramp next to the cabinet front door, and slowly slide the rack cabinet down from the pallet to the designated location.

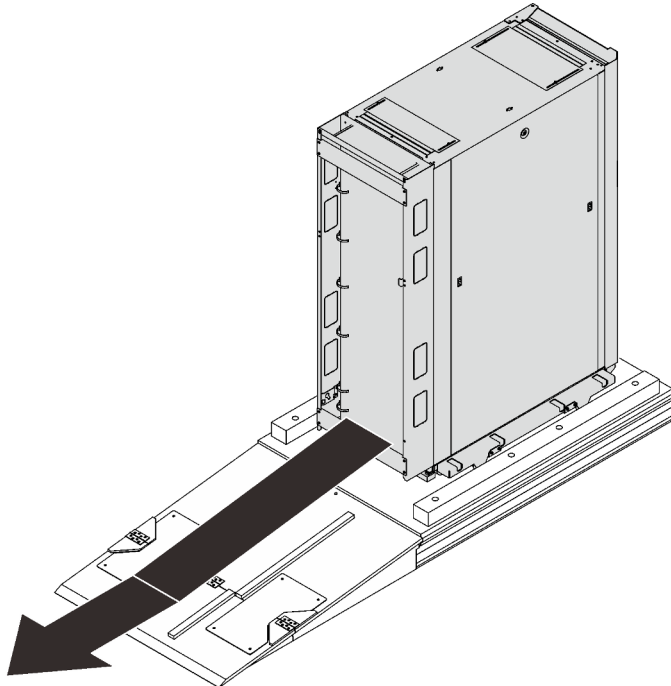


Figure 11. Moving the cabinet

Identify rack cabinet components

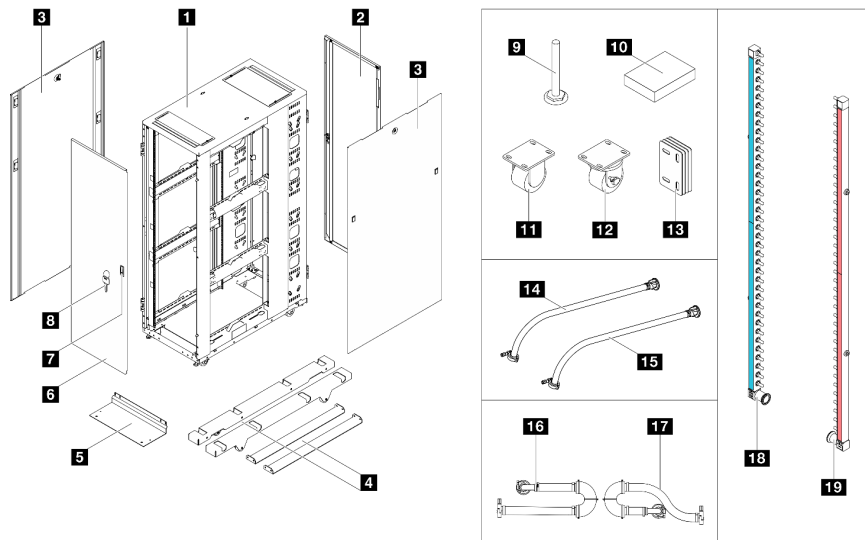







Figure 12. Parts listing

Table 1. Heavy Duty Full Depth 42U Rack Cabinet components

1 Rack cabinet frame	11 Fixed caster
2 Rear door	12 Swivel caster
3 Side covers	13 Baring kit
4 Outriggers (side stabilizers)	14 In-row hose supply side
5 Front stabilizer	15 In-row hose return side
6 Front door	16 In-rack connection set supply side
7 Door latch	17 In-rack connection set return side
8 Keys (doors and side covers)	18 Manifold supply side
9 Leveling pad	19 Manifold return side
10 Tools	

Figure 13. Tool box

 (20)	 (30)	 (20)	 (10)	 (20)	1 20 M6 C type caged nuts
					2 30 M6 G type caged nuts
					3 20 M5 C type caged nuts
					4 10 M6 flanges
					5 20 M5 screws
					6 20 M6 screws
					7 Wrench for 10, 14, 5, 18, 26
					8 Wrench for 8, 9, 2
					9 Wrench for 10, 13
					10 Nut insertion tool
					11 15 Velcro cable ties
					12 Grounding kit

Note: Make sure to use the nuts and screws that come in the tool box.

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