

QuanDe Hardware

KD BED SLAT FRAME

ASSEMBLY MANUAL

Thank you for choosing QuanDe Hardware. This manual applies to the standard 900/1200/1600/1800/2000 × 2000 mm KD bed slat frames. Read all instructions before assembly and verify the model, specifications and included parts.

1. PRODUCT SPECIFICATIONS

Frame Size	Tube	Center Tubes	Poplar Slats	Slat Caps	Standard Legs	M8 Screws
900 × 2000 mm	30 × 30 mm	1	26	Single ×26 Double ×13	7	M8-15 ×28 M8-45 ×3
1200 × 2000 mm	30 × 30 mm	1	26	Single ×26 Double ×13	9	M8-15 ×28 M8-45 ×5
1600 × 2000 mm	30 × 30 mm	2	39	Single ×26 Double ×26	10	M8-15 ×32 M8-45 ×6
1800 × 2000 mm	30 × 30 mm	2	39	Single ×26 Double ×26	10	M8-15 ×32 M8-45 ×6
2000 × 2000 mm	30 × 30 mm	2	39	Single ×26 Double ×26	10	M8-15 ×32 M8-45 ×6

Material: 1.0 mm wall-thickness steel tube with silver hammertone finish; 50 mm wide × 10 mm thick poplar slats.

Leg configuration: The quantities above are the standard shipment. Orders may be customized with no legs, fewer legs or additional legs. Follow the confirmed order and packing list.

2. PARTS LIST — 1800 × 2000 mm EXAMPLE

1. Metal frame: 2 long side tubes, 2 short end tubes and 2 center support tubes.

2. Frame connectors: 4 plastic corner joints and 4 reinforcing corner brackets.

3. Wood components: 39 poplar slats.

4. Slat caps: 26 single-ended slat caps and 26 double-ended slat caps.

5. Fasteners: 32 M8-15 screws, 6 M8-45 screws and 8 matching nuts for the four plate-mounted legs.

6. Support components: 4 plate-mounted legs and 6 straight legs. Both leg types include round adjustable feet.

7. Tools: 1 matching Allen key is included in the screw bag. A rubber mallet is required but is not included.
- After opening the carton, verify all quantities before assembly. If any part is missing, deformed or damaged in transit, stop and contact your sales representative.

3. BEFORE ASSEMBLY

1. Two adults are recommended for assembly and for turning the completed frame over.

2. Work on a clean, level floor with a protective mat to prevent frame distortion and surface scratches.

3. Wear protective gloves and keep hands away from tube openings, metal edges and pinch points.

4. Start all screws by hand. Do not fully tighten them until the frame is aligned and square.

5. Use the rubber mallet only on plastic corner joints and slat caps. Never strike the poplar slats or steel-tube edges directly.

4. ASSEMBLY INSTRUCTIONS

STEP 1 — Assemble the Outer Frame

1. Place the two long side tubes and two short end tubes on the protected, level floor as shown in the confirmed diagram.

2. Insert the four plastic corner joints into the tube openings and connect the long and short tubes to form a closed rectangular frame.

3. If a joint is tight, tap the plastic joint gently with a rubber mallet until the tubes are fully seated. Do not use a metal hammer.

STEP 2 — Install the Center Support Tube(s)

1. Install 1 center support tube for the 900/1200 mm models, or 2 center support tubes for the 1600/1800/2000 mm models.

2. Align the oval holes in each center support tube with the factory-threaded holes in the short end tubes.

3. Use 2 M8-15 screws at each end. Start all screws first, verify alignment, and then tighten them with the included Allen key.

STEP 3 — Install the Reinforcing Corner Brackets

1. Place one reinforcing corner bracket inside each of the four frame corners and align the pre-drilled holes.
2. Secure each bracket with 4 M8-15 screws.
3. Check that the outer frame is flat and square, then tighten the bracket screws evenly. Do not over-tighten or damage the threads.

STEP 4 — Install the Poplar Slats

Three-section models (1600/1800/2000 mm):

1. Fit a double-ended slat cap to both ends of every center-section slat.
2. Align the locating pins on the double-ended slat caps with the pre-drilled holes in the two center support tubes.
3. Tap directly above each plastic cap with the rubber mallet until the cap is fully seated. Install all center-section slats first.
4. For each left- or right-section slat, fit a single-ended cap to the outer-frame end. Insert the inner end fully into the unused socket of the installed double-ended cap.
5. Align the single-ended cap pin with the hole in the outer side tube and tap directly above the cap until it is fully seated. Repeat for all side-section slats.

Two-section models (900/1200 mm):

Install each side slat between the outer side tube and the single center support tube, using the double-ended caps on the center tube and the single-ended caps on the outer frame, as shown in the confirmed diagram.

Important: Before tapping, make sure every locating pin is directly aligned with its hole. Never strike the wood slat, and never force a tilted cap into the tube.

STEP 5 — Install and Level the Legs

1. Install the 4 plate-mounted legs at the four reinforcing corner-bracket positions. Secure each leg with 2 M8-15 screws and 2 matching nuts from the screw bag.
2. Install the remaining straight legs at the factory-prepared support positions. For the 1800 × 2000 mm example, install 2 straight legs on the two center support tubes and 4 straight legs near the middle of the four outer tubes. Secure each straight leg with 1 M8-45 screw.
3. After confirming that every leg is secure, two adults should lift and carefully turn the frame over. Do not lift or turn the frame by holding a single slat.
4. Rotate the round adjustable foot on every plate-mounted leg and straight leg until all feet contact the floor and the frame is stable without rocking.

5. FINAL INSPECTION

- The outer frame is fully connected, square and free from abnormal gaps or distortion.
- The center support tube(s) and all four reinforcing corner brackets are correctly positioned, and all screws are tightened.
- Every single-ended and double-ended slat cap is fully seated, upright and undamaged.
- All poplar slats are aligned and free from cracks, severe deformation or incomplete installation.
- All supplied legs are securely installed. The round adjustable feet on both leg types contact the floor evenly, and the frame does not rock.

Do not load or use the frame until all checks have been completed.

6. SAFETY, USE AND MAINTENANCE

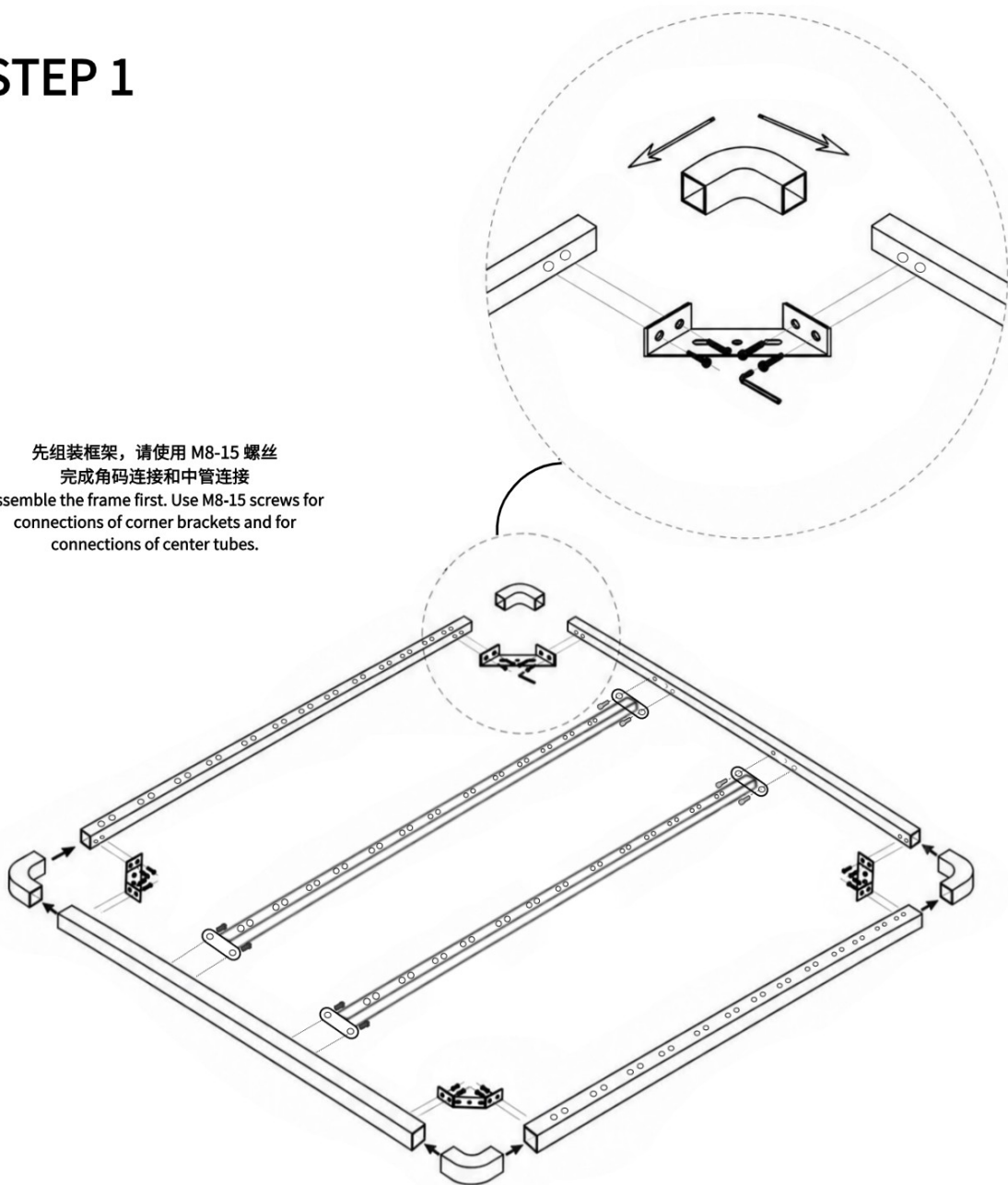
1. Keep children and pets away from the work area during assembly.
2. Do not use an impact driver or excessive force to tighten screws.
3. When moving the frame, have two adults lift it. Do not drag the frame or lift it by a single slat.
4. After the initial period of use and after each relocation, check all screws and legs. Re-tighten and re-level if necessary.
5. If a slat, cap, steel tube, welded area or leg is damaged, stop using the product and contact your sales representative for the correct replacement part.

For assembly questions, missing parts or transit damage, contact your sales representative and provide the product model, order number and clear photographs of the issue.

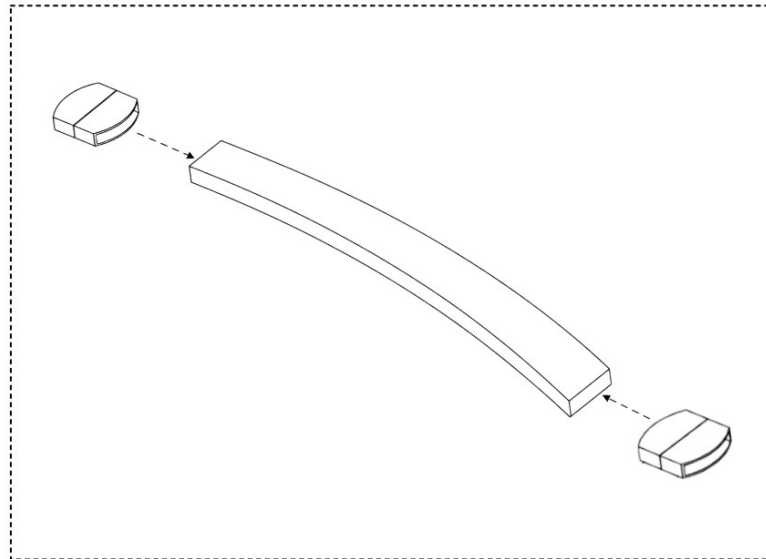
CONFIRMED INSTALLATION DIAGRAMS

STEP 1

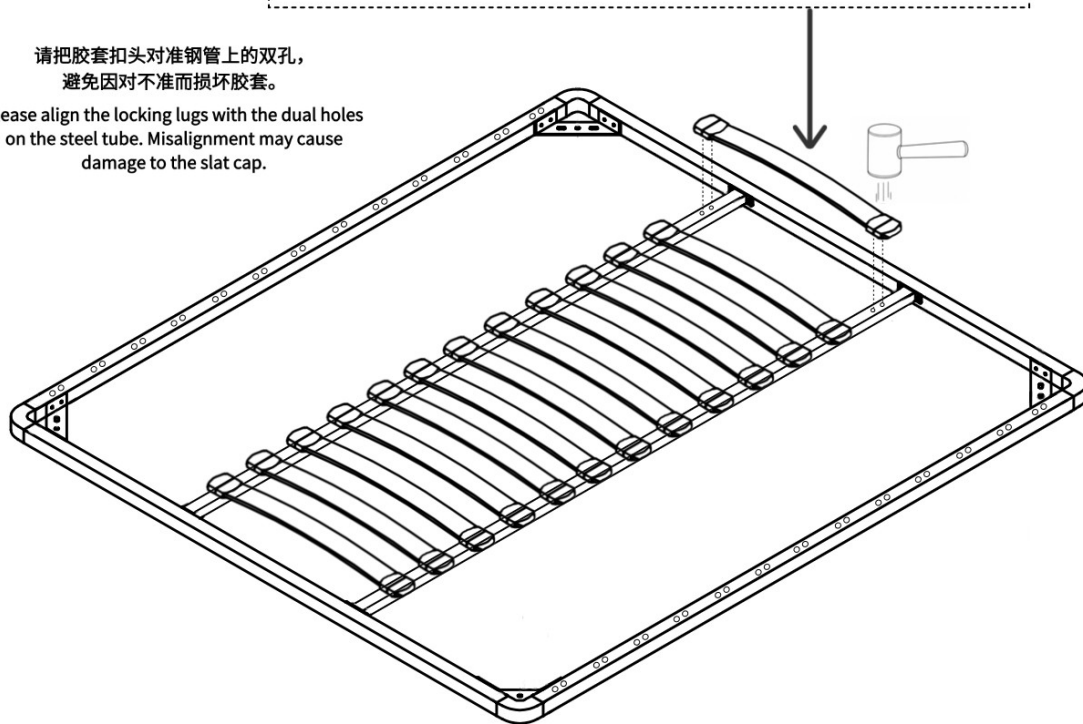
先组装框架，请使用 M8-15 螺丝
完成角码连接和中管连接
Assemble the frame first. Use M8-15 screws for
connections of corner brackets and for
connections of center tubes.



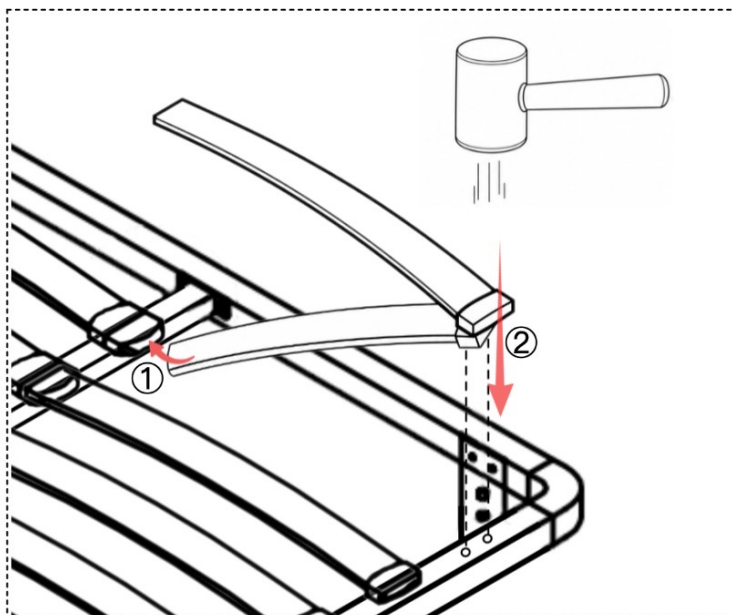
STEP 2



请把胶套扣头对准钢管上的双孔，
避免因对不准而损坏胶套。
Please align the locking lugs with the dual holes
on the steel tube. Misalignment may cause
damage to the slat cap.

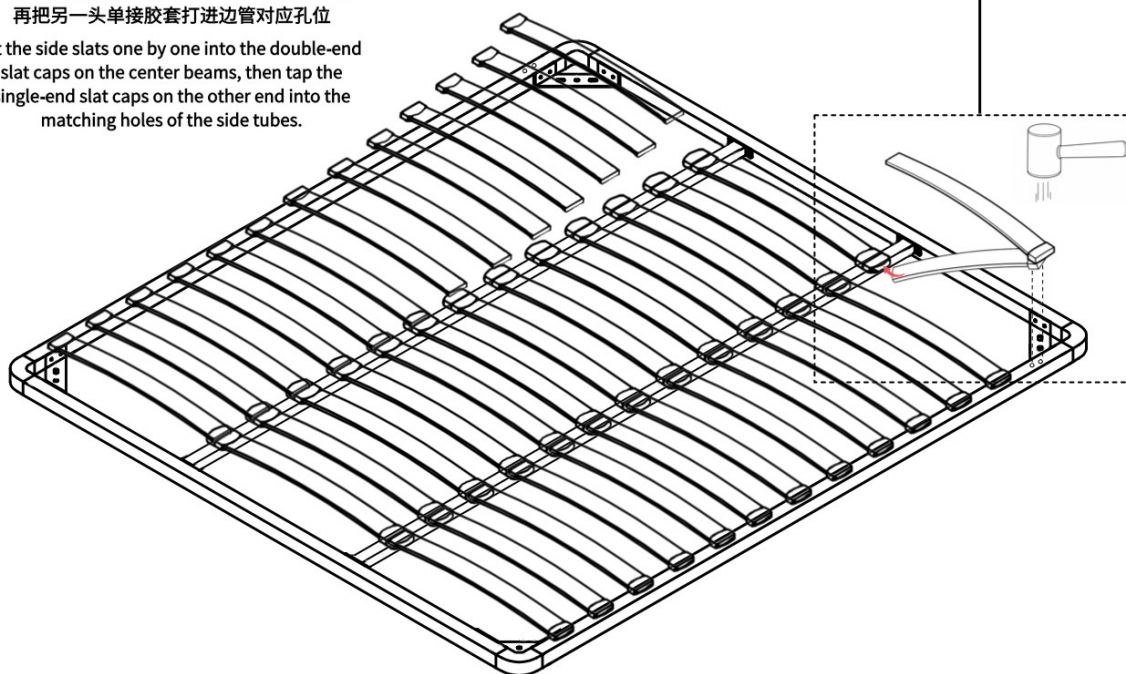


STEP 3

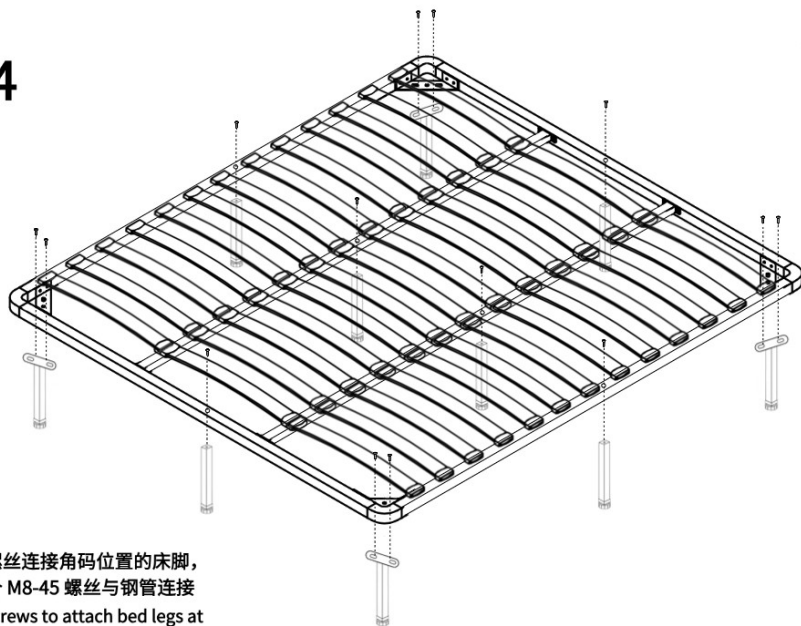


依次把两侧木板先套进中管上的双接胶套上，
再把另一头单接胶套打进边管对应孔位

Fit the side slats one by one into the double-end
slat caps on the center beams, then tap the
single-end slat caps on the other end into the
matching holes of the side tubes.



STEP 4



请使用 2 个 M8-15 螺丝连接角码位置的床脚，
其余床脚请使用 1 个 M8-45 螺丝与钢管连接
Use 2 pcs of M8-15 screws to attach bed legs at
corner-bracket positions. For the rest bed legs, use 1
pc M8-45 screw each to connect with steel tubes.

