



ASSEMBLY INSTRUCTIONS  
AND OWNER'S MANUAL

# Portable Basketball Hoop--PP100

## Installation Instructions



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# Safety Instruction

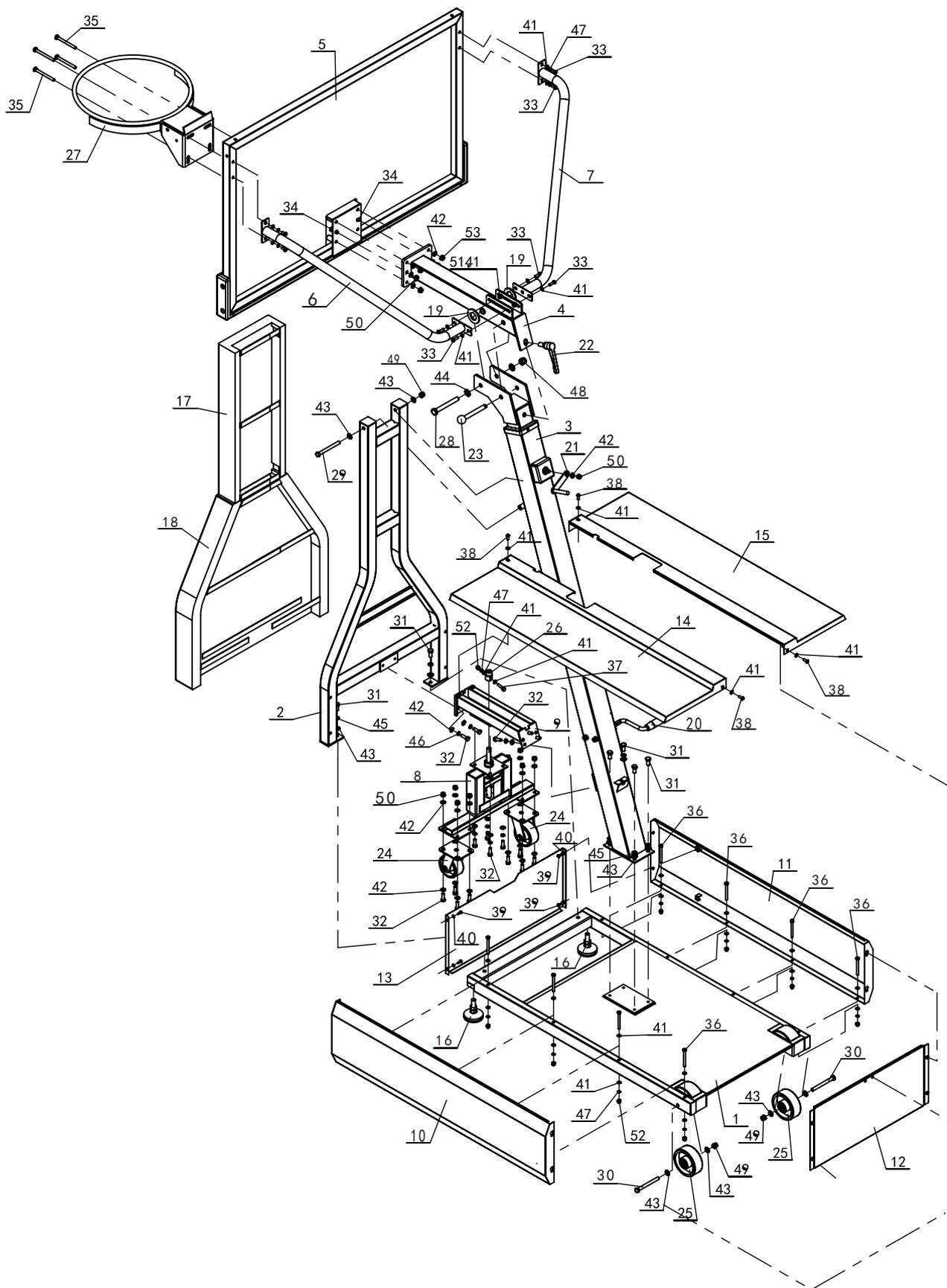
## IMPORTANT

It is the responsibility of purchaser to ensure that all installers and players fully comply with the detailed instructions set forth in this product installation manual.

Product assembly should be carried out exactly as instructed and owner supervision of use and installation is required to prevent risk of product malfunction or risk of injury.

- All tools used to assemble this product should be used in compliance with manufacturer's guidelines.
- Installation of this product will require heavy lifting and bending. Any person that is not capable of such activity should not participate in the installation of this product.
- If using a ladder during assemble, use extreme caution and refer to the warnings and cautions on the ladder.
- Due to the size and weight of this product, we recommend at least (2) competent adults are present.
- Do not use parts not included with our system. Failure to follow this requirement could cause product malfunction and will void warranty of this product.
- Keep all organic material away from parts and components to avoid corrosion.
- Do not climb on any part of the basketball system as it was not intended for this activity.
- Do not use the basketball system as a lift or to hoist anything.
- Do not allow children to adjust basketball system.
- Check the basketball system on a regular basis to ensure that there are no signs of deterioration or corrosion, loose hardware or damaged parts. If you see any signs of damage perform maintenance or contact **supplier** for the replacement.
- Failure to follow these safety instruction could result in product malfunction, serious injury, or even death.

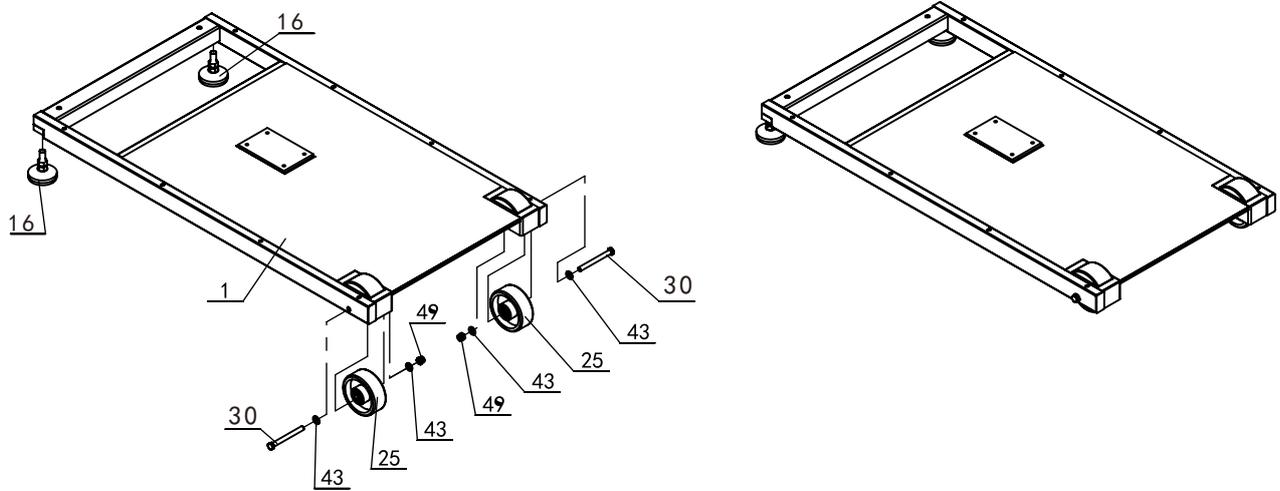
**Keep this installation manual as reference for your safety and the safety of those playing on the basketball system.**



# Hardware List

Item	Description	Qty	Item	Description	Qty
#1	Base Frame	1	#28	Hex Bolt M16*130	1
#2	Front Support	1	#29	Hex Bolt M12*260	1
#3	Main Beam	1	#30	Hex Bolt M12*120	2
#4	Extension Beam	1	#31	Hex Bolt M12*25	6
#5	Backboard	1	#32	Hex Bolt M10*30	17
#6	Upper Extension Arm-L	1	#33	Hex Bolt M8*25	8
#7	Upper Extension Arm-R	1	#34	Carriage Bolt M10*30	2
#8	Caster Mechanism	1	#35	Carriage Bolt M10*100	4
#9	Caster Mechanism Support	1	#36	Hex Bolt M8*80	8
#10	Left Panel	1	#37	Hex Bolt M8*40	1
#11	Right Panel	1	#38	Flat Head Allen Screw	4
#12	Rear Panel	1	#39	Pan Head Philips Bolt	4
#13	Middle Panel	1	#40	Flat Washer Ø6	4
#14	Left Cover	1	#41	Flat Washer Ø8	34
#15	Right Cover	1	#42	Flat Washer Ø10	27
#16	Steel Foot	2	#43	Flat Washer Ø12	12
#17	Upper Pad	1	#44	Flat Washer Ø16	2
#18	Bottom Pad	1	#45	Locking Washer Ø12	6
#19	Nylon Washer	2	#46	Locking Washer Ø10	9
#20	Crank Handle	1	#47	Locking Washer Ø8	13
#21	Locking handle	1	#48	Lock Nut M16	1
#22	Fastening Handle	1	#49	Lock Nut M12	3
#23	Safety Pin	1	#50	Lock Nut M10	10
#24	4" Swivel Caster	2	#51	Lock Nut M8	4
#25	5" Fixed Wheel	2	#52	Cap Nut	9
#26	Crank Handle Adapter	1	#53	Flange Nut	4
#27	Rim	1	#54	Allen Wrench	1

# STEP 1



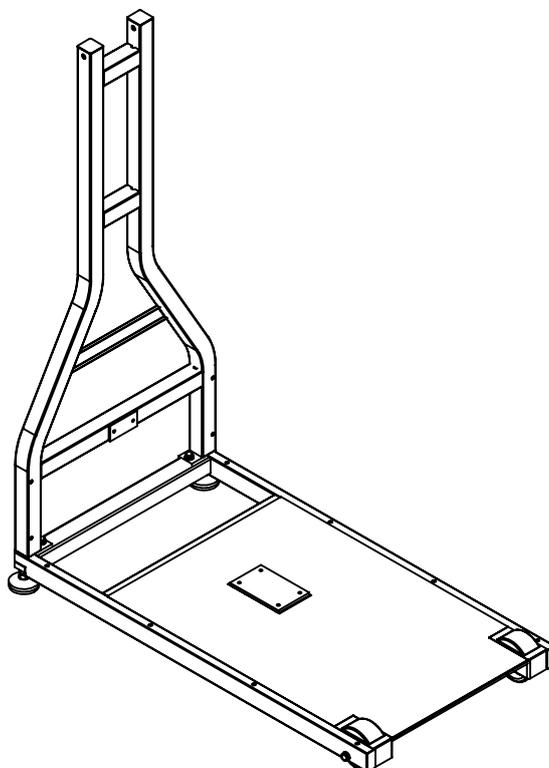
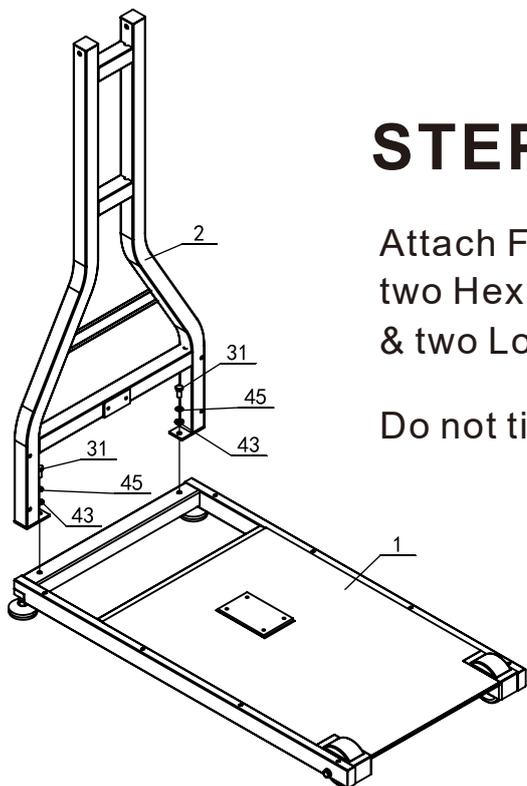
1. Connect two 5" Fixed Wheels (#25) to Base frame(#1) using 2 Hex bolts M12\*120(#30), 4 Flat washers M12 (#43), and 2 Lock nuts M12(#49)
2. Screw two Steel foots 80dia\*90\*M16(#16) to the bottom of Base frame(#1).

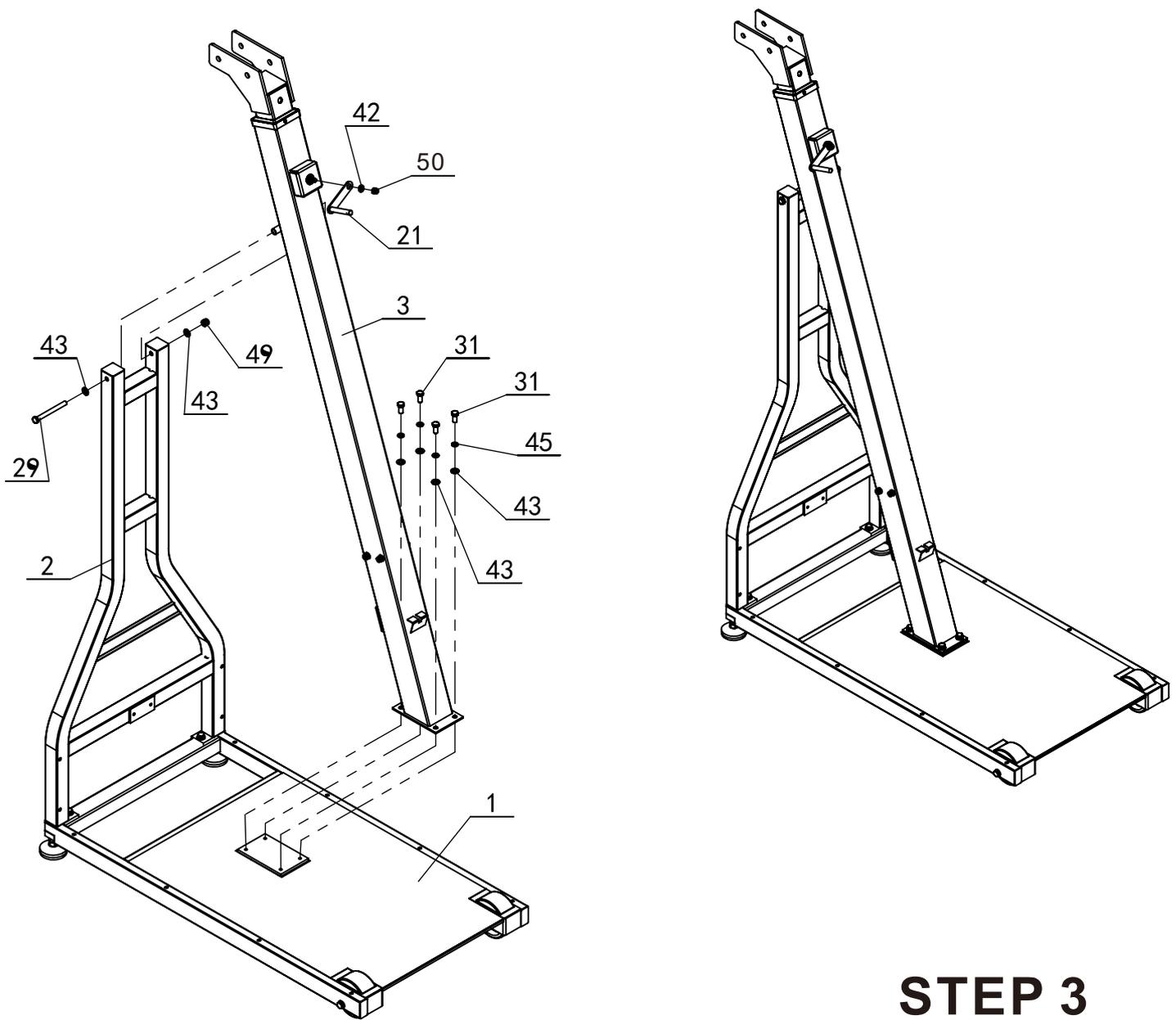
Adjust the Steel Foot to make sure the base frame stays in horizontal, then tighten all bolts securely.

## STEP 2

Attach Front support(#2) to Base frame(#1) with two Hex bolts M12\*25 (#31), two Flat washer M12(#43) & two Locking washer M12(#45).

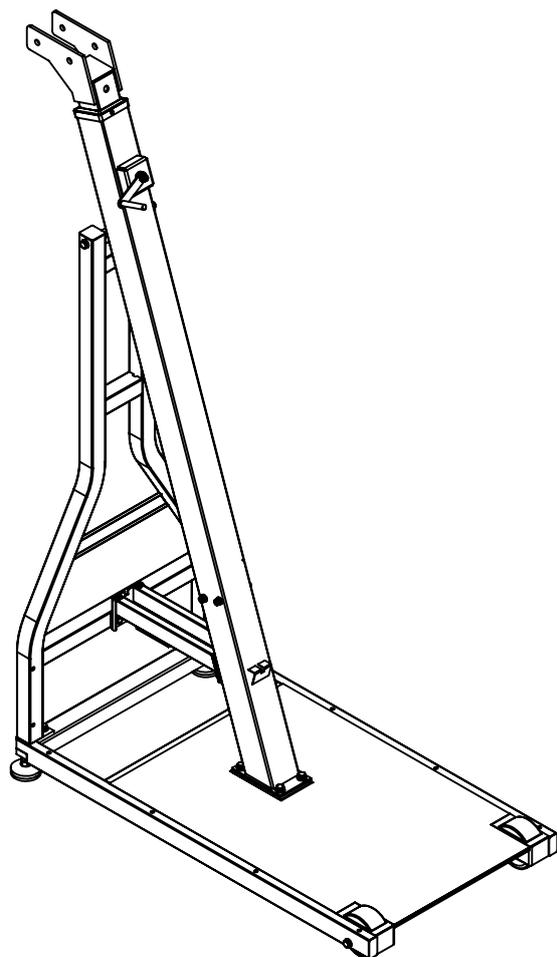
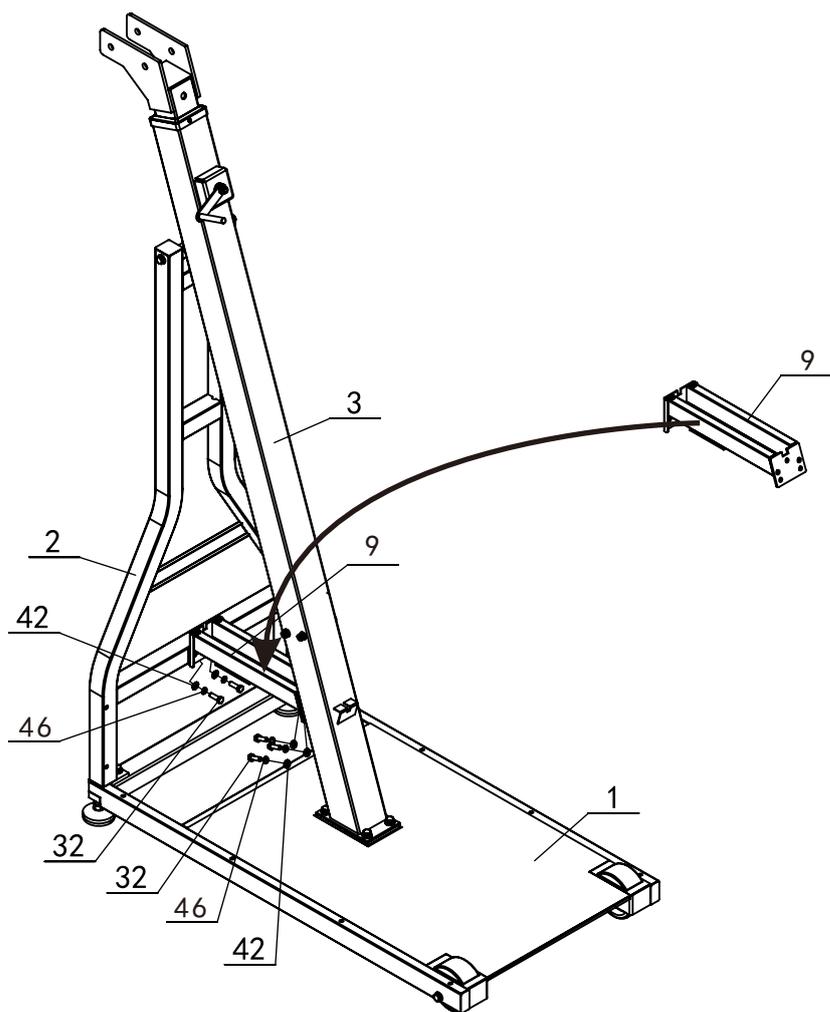
Do not tighten the bolts at this time.





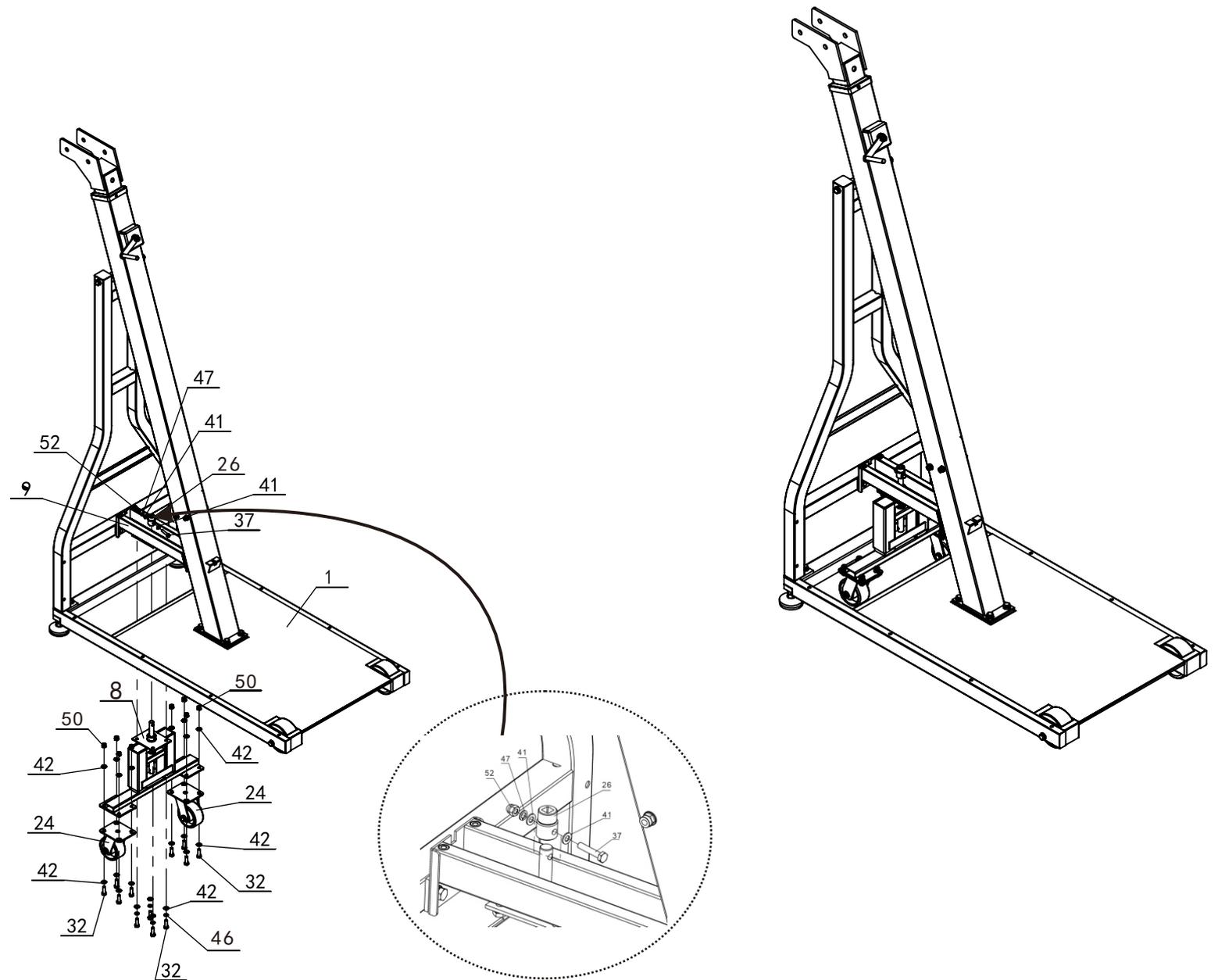
## STEP 3

1. Attach Main beam(#3) to Front support(#2)with one Hex bolt M12\*260(#29), two Flat washers M12 (#43) & one Lock nut M12(#49).  
**DO NOT tighten at this time.**
2. Connect Main beam(#3) to Base frame(#1) using 4 Hex bolts M12\*25(#31), 4 Locking washers M12(#45) & 4 Flat washers M12 (#43).  
**DO NOT tighten at this time.**
3. Attach Locking Handle (#21) onto Main Beam as shown (#3), secure with one Flat washer M10 (#42) & one Lock nut M10 (#50).  
**DO NOT tighten at this time.**



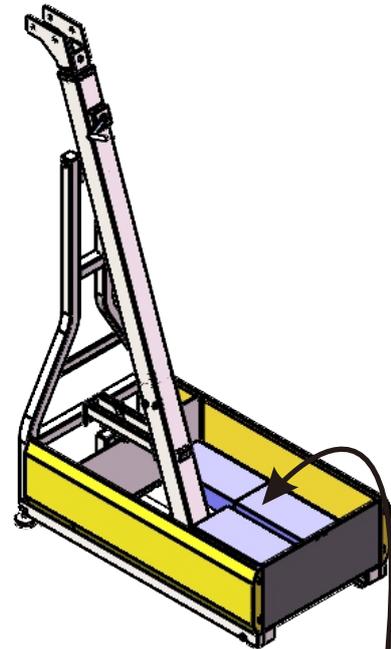
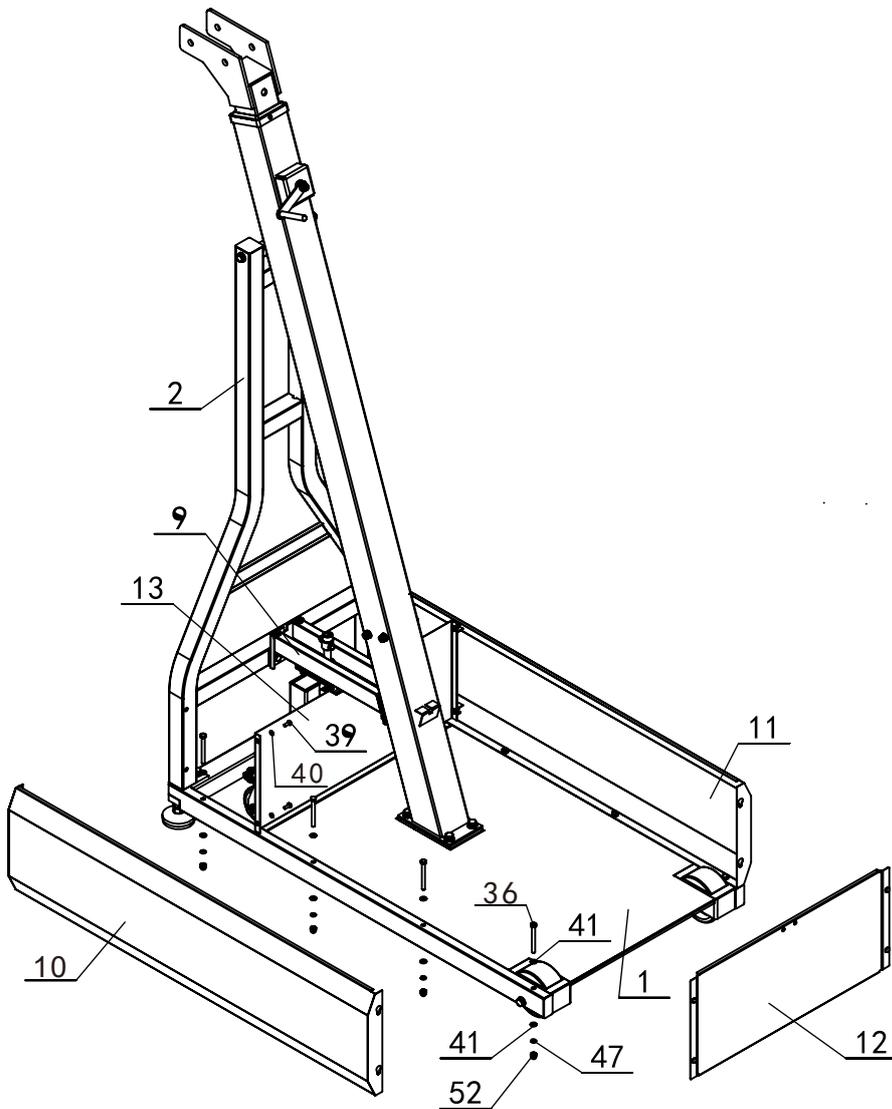
## STEP 4

1. Connect Front Support( #2) & Main Beam(#3) with Caster mechanism support(#9) using 4 Hex bolts M10\*30(#32), 4 Locking washers M10(#46) & 4 Flat washers M10(#42).
2. Tighten all the bolts and nuts at this time.



## STEP 5

1. Install two Swivel casters (#24) onto Caster mechanism (#8) with 8 Hex bolts M10\*30(#32), 8 Flat washers M10 (#42) & 8 Locking nuts M10 (#50), tighten all the bolts and nuts.
2. Connect Caster mechanism assembly (#8) to Caster mechanism support(#9) with 4 Hex bolts M10\*30 (#32), 4 Locking washers M10 (#46) & 4 Flat washers M10 (#42). Tighten all the bolts and nuts.
3. Attach Crank handle adapter (#26) onto the top end of screw rod on Caster mechanism(#8) with one Hex bolt M8\*40(#37), two Flat washers M8(#41) & one Cap nut M8(#52). Tighten all bolts&nuts securely.



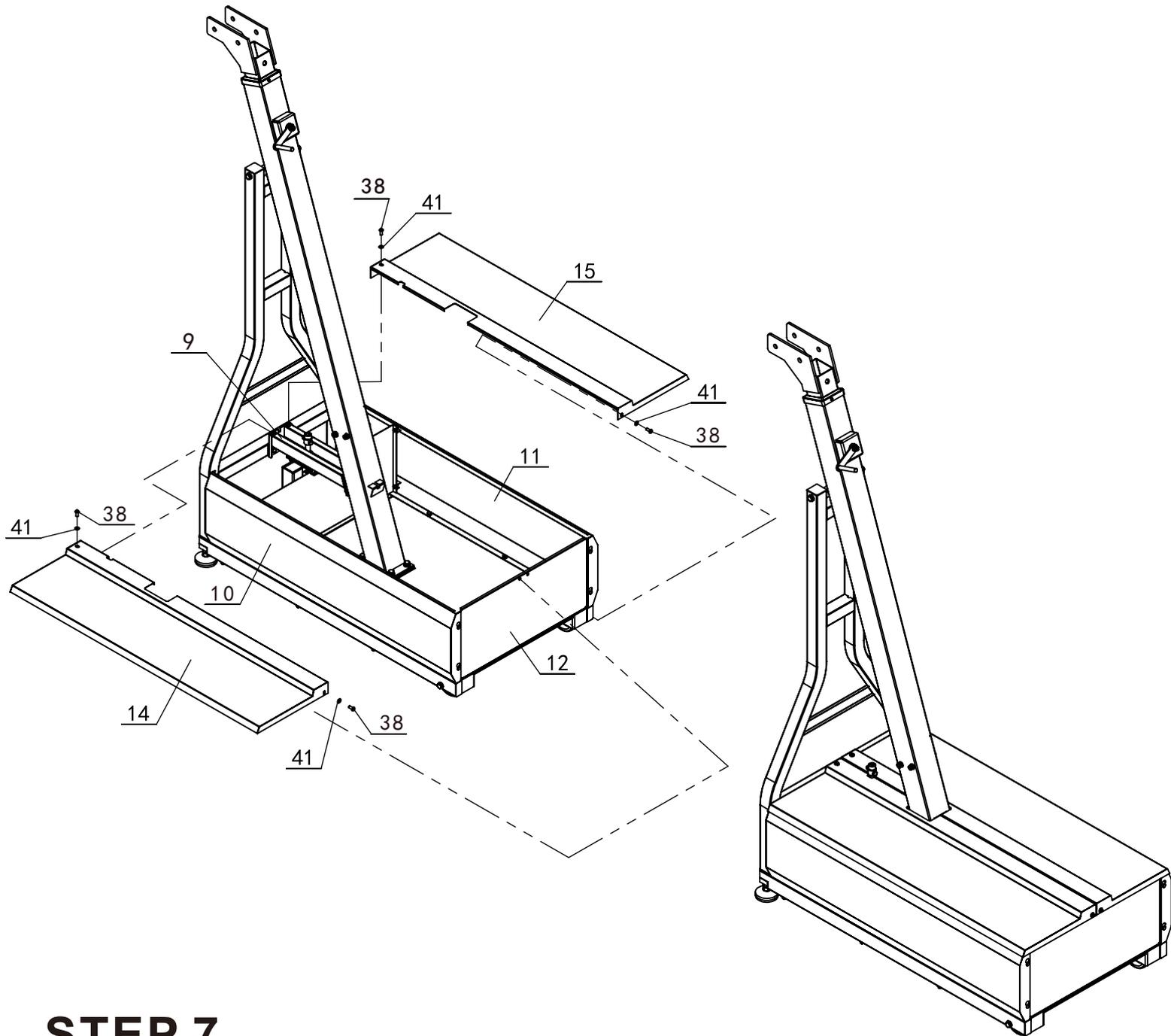
**Put 100 kgs weights at least in Ballast(#1) before moving to next install step.**

## STEP 6

1. Install Left panel(#10) to Base frame(#1) with 4 Hex bolts M8\*80(#36), 4 Flat washers M8(#41), 4 Locking washers M8(#47) & 4 Cap nuts M8(#52). DO NOT tighten at this time.
2. Attach Middle panel (#13) to Left panel(#10), using two Pan head Philips bolts M6\*16 (#39), 2 Flat washers M6 (#40). Right panel( #11) with
3. Repeat the same step for Right Panel (#11).
4. Align Rear panel (#12) with rear side of Left panel (#10) & Right panel(#11), Push forward to make sure the welded button head inserted in holes of side Panel, then press downward to lock in place.

Ensure all parts in right position as per drawing, and tighten all bolts&nuts.

Note: Put 100 kgs weights at least in Ballast(#1) before moving to next step. The hoops may tip over without adequate counter weights.

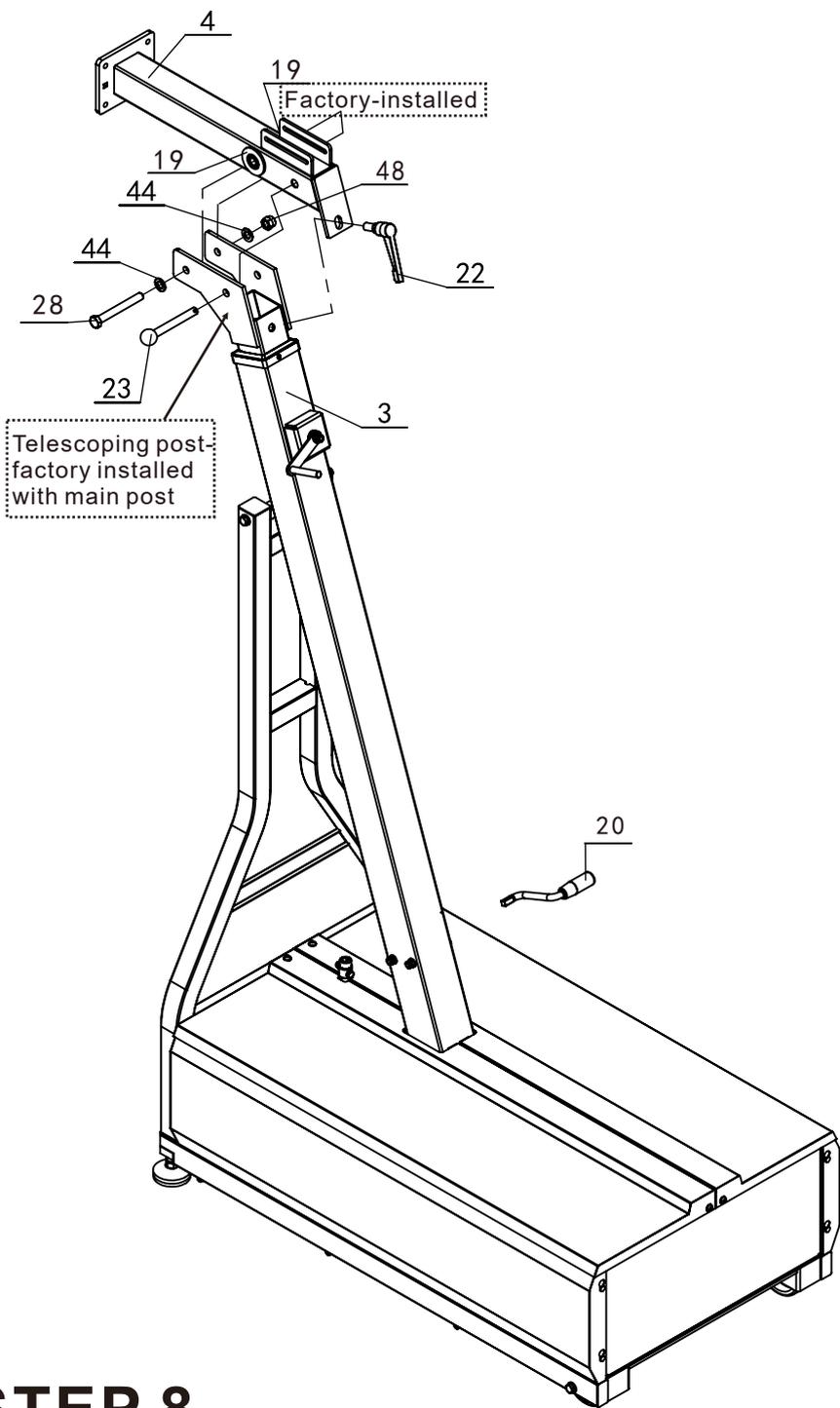


## STEP 7

Install Left cover(#14) to the ballast, using two Flat head allen screws M8\*20 (#38) & two Flat washers M8(#41).

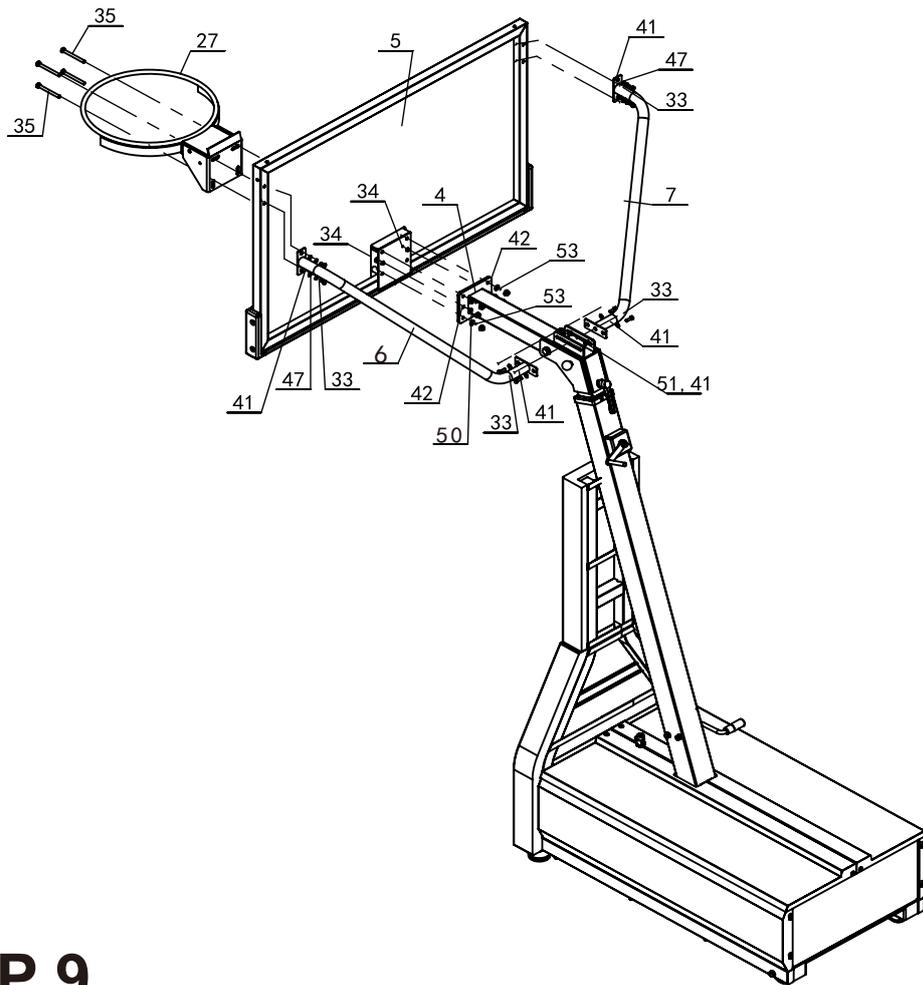
Repeat the same step for Right Cover (#15).

DO NOT tighten at this time.



## STEP 8

1. Install Crank handle (#20) as per drawing.  
 Note: Always Crank down Telescoping post to lowest position during installation.
2. Connect Extension beam (#4) to Telescoping post with one Hex bolt M16\*130 (#28), two Flat washer, M16(#44) and two locking nuts M16(#48). Do not over tighten because this is the pivot point.
3. Lift extension beam (#4) to the top, slide Safety pin (#23) thru both Extension beam and Telescoping post bracket.
4. Use one Fastening handle(#22) to fix Extension beam in place.



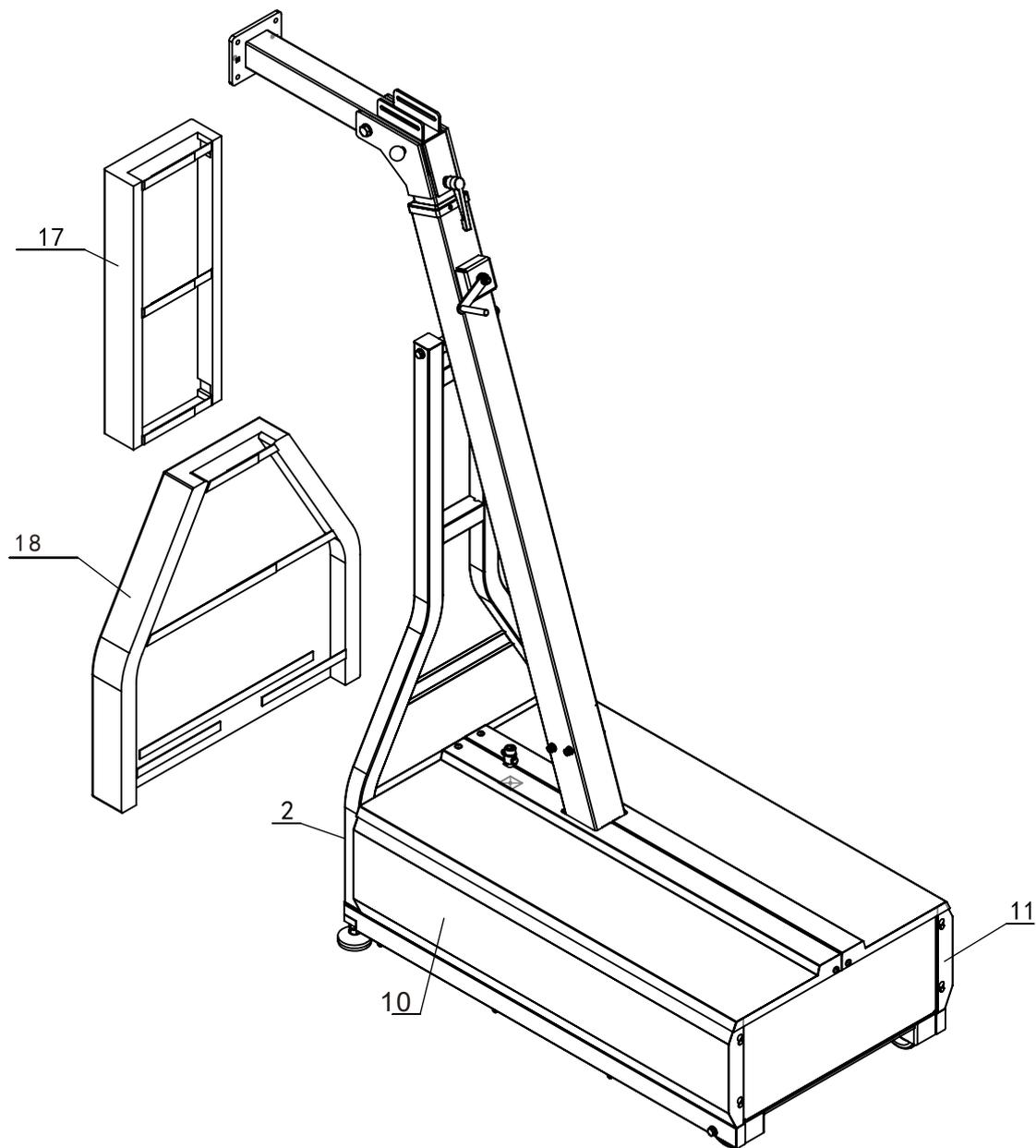
## STEP 9

1. Install Backboard(#5) onto Extension beam (#4) with two Carriage bolts M10\*30 (#34), two Flat washers M10(#42), and two Lock nuts M10(#50). DO NOT tighten at this time;
2. Connect Upper extension arm-Left(#6) & Upper extension arm-Right(#7) to Extension beam (#4) with 4 Hex bolts M8\*25(#33), 8 Flat washers M8 (#41) and 4 lock nuts M18(#51). DO NOT tight tightly at this time.

Connect Upper extension arm-Left (#6) & Upper extension arm-Right (#7) to Backboard(#5) with 4 Hex bolts M8\*25 (#33), 4 Flat washers M8 (#41), 4 Locking washers M8(#47). DO NOT tighten at this time.

Adjust the backboard in vertical, tighten all the bolts and nuts.

3. Install Rim (#27) to backboard (#5) with 4 Carriage bolts M10\*100 (#35), and fastened from back with 4 Flat washers M10 (#42), and 4 Flange nuts M10(#53).



## STEP 10

Install Bottom pad(#18) and Upper pad(#17) as shown.

Note: The straps of bottom pad should go through the space between Front support (#2) & front side of side panel.