



Installation Guideline

Thunder-500

Please read carefully before use

PRODUCT DESCRIPTION

This product model is thunder-500, which is designed for outdoor 3v3 games, non-electric fold portable basketball stand. Using spring assist system to lift up at different height for all ages and all level games. It comes with overhang 2.25 meter direct mount breakaway rim, 2 universal wheels at front and 2 wider straight wheels at rear side. Thickness 12mm high strength tempered glass backboard, aluminium alloy frame, with edge padding, it equips single side shot clock (12 second).

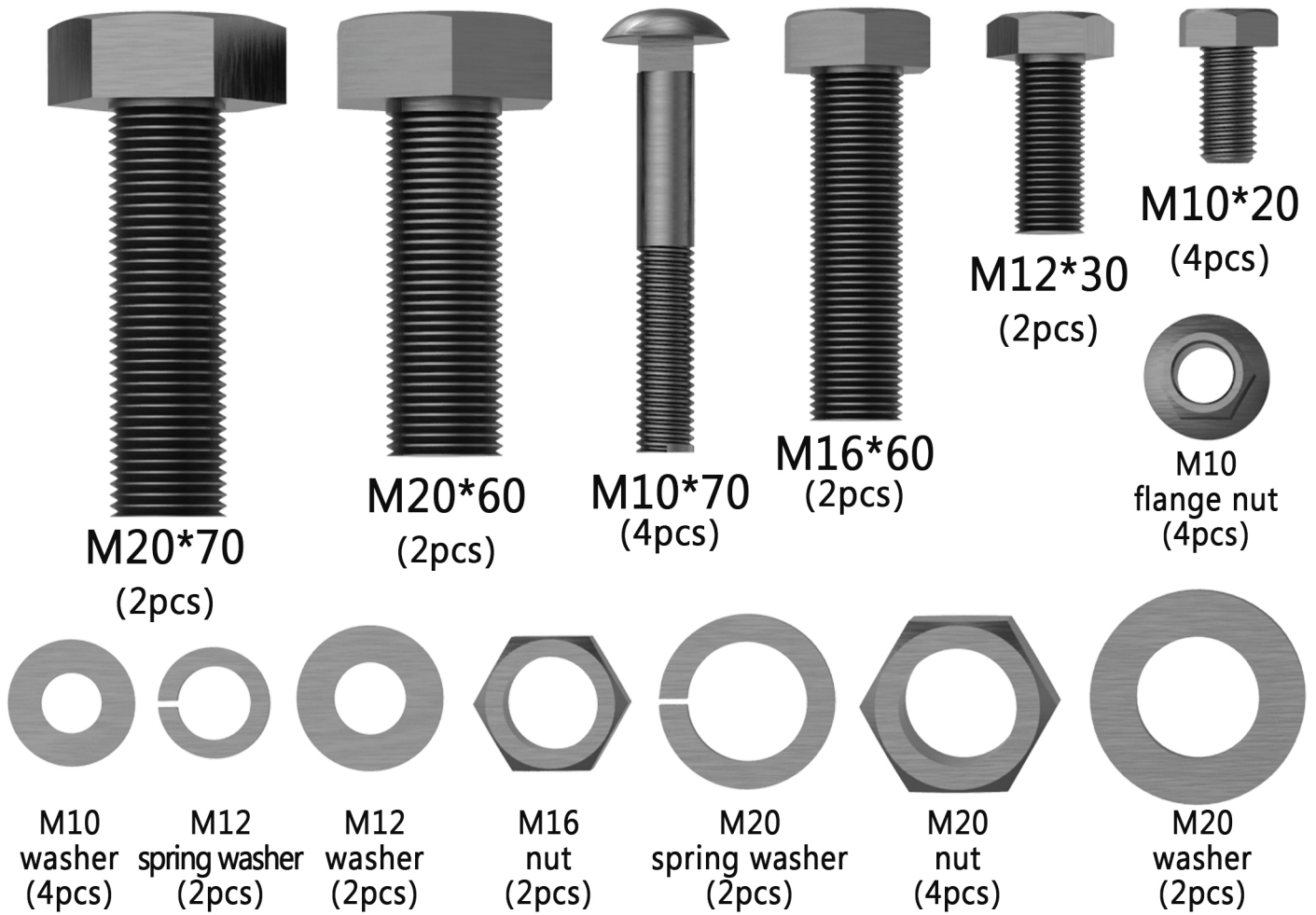
CAUTIONS

- Start use after all bolts are tightened.
 - Do not hit the backboard by tough or sharp objects to avoid damage.
 - Do not force to pull or push to avoid damage on backboard.
 - Regular inspection on connection parts to guarantee stability, please replace or tighten in case there is loose.
 - Annual check on the connection parts of rust degree and firmness. If you find any abnormality during use, please stop using it immediately. It can be used only after inspection and maintenance.
 - If the paint falls off, it should be maintained and painted in time.
 - Do not hang or climb on basketball hoop to prevent damage from accidents.
 - Please exercise according to your own physical fitness. stop use if you feel unwell.
 - Before installation, check the packing list of the main components, remove all the packaging, and be careful before installation to avoid staff hurt. If conditions permit, you can pull the cord on the spot, so safety must be taken seriously.
-

PARTS DIAGRAM

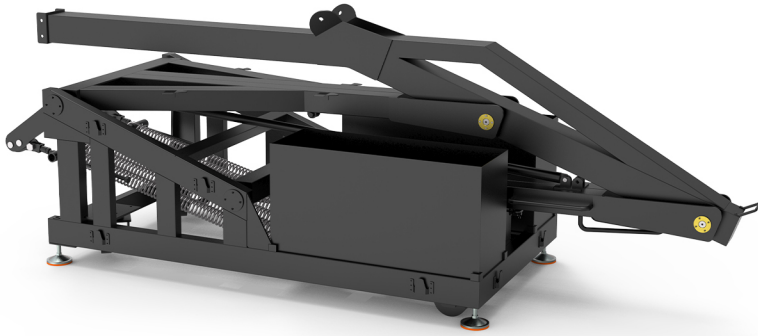


PARTS




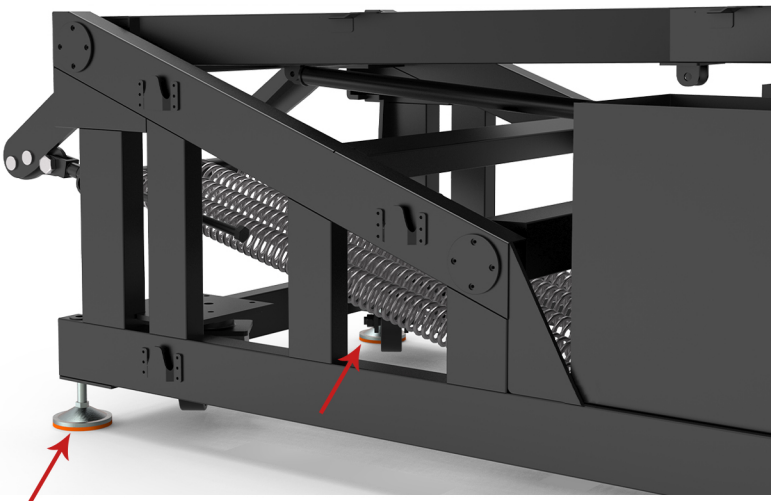
Name	Specification	Qty	Remarks
backboard		1	
backboard connection plate		2	
top rod		1	
rim		1	
lock rod		1	
arm		1	
ballast box		2	
base		1	
padding		1	
backboard connection plate bolts	M10*70	4	flange nut*4
Backboard connection fix screw	M10*20	4	washer*4
Backboard connection parts screw	M20*70	2	nut*2
backbord plate bolts	M12*30	2	washer*2, spring washer*2
top rod fix screw	M20*60	2	washer*2, spring washer*2, nut*2
Lock rod fix screw	M16*60	2	nut*2

INSTALLATION STEPS



1. Assemble ballast box: put the bracket on flat floor, adjust the feet to make it even to ground, put the counterweight into box(no less than 600kg).

 Do not stand around the hoop during lift up and down the bracket



2. Tighten up 4 feet to avoid movement, if it is necessary to move it, please loose the feet.

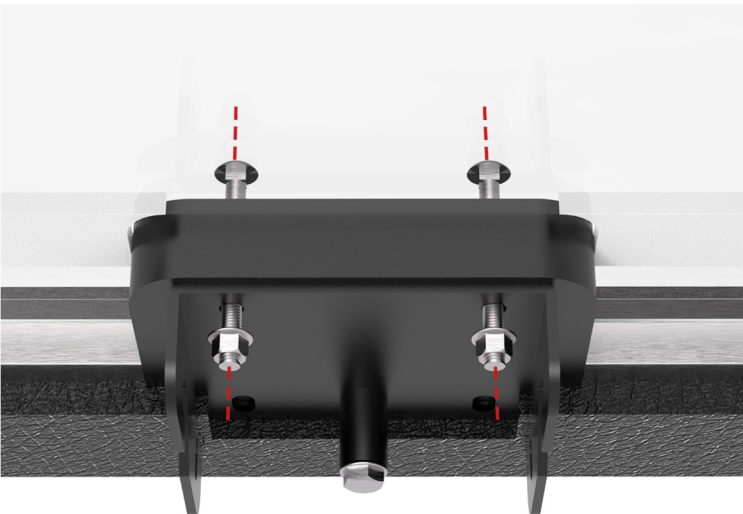


3,Install top rod: using M20*60mm bolts, washer, spring washer, nuts to fix the plate on the arm.



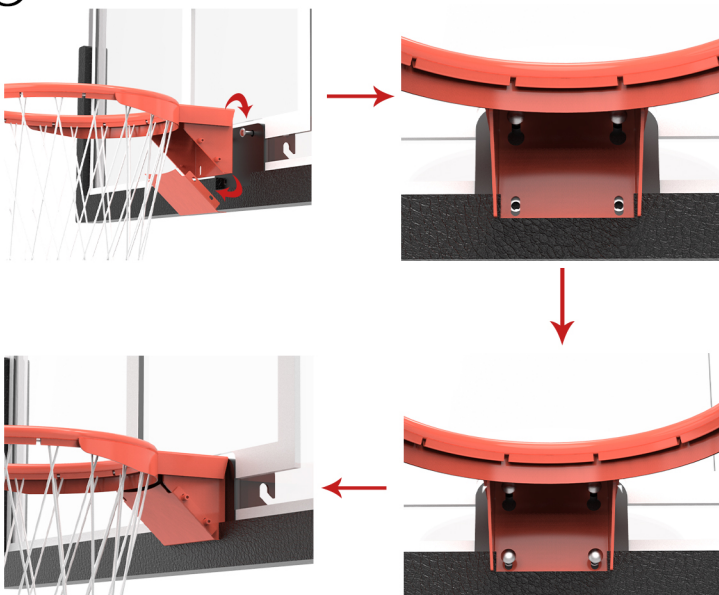
4, Install backboard connection plate: using M10*20mm bolts, washer to fix the plate on the backboard.

①



5, Install the backboard clip parts ① using 2 pcs M10*70mm bolts, flange nuts connect but not tighten up with backboard.

②



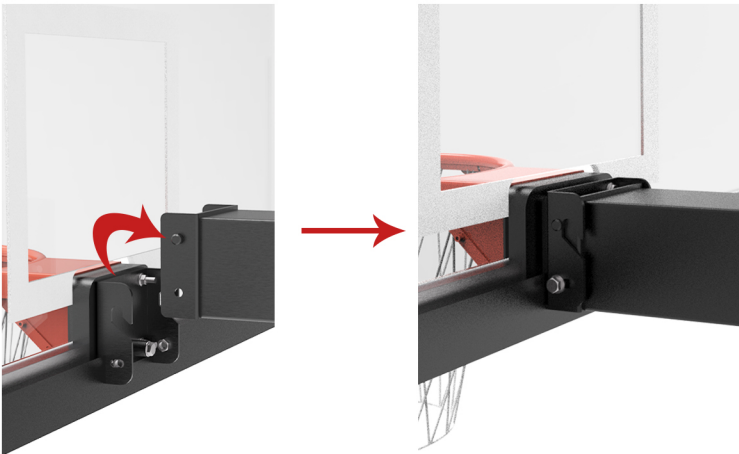
② Open the lid, hang the rim on the clip bolts M10*70mm, fix with bottom M10*70mm and flange nut, tighten up with 4 pcs M10*70mm bolts, cover the lid.

①

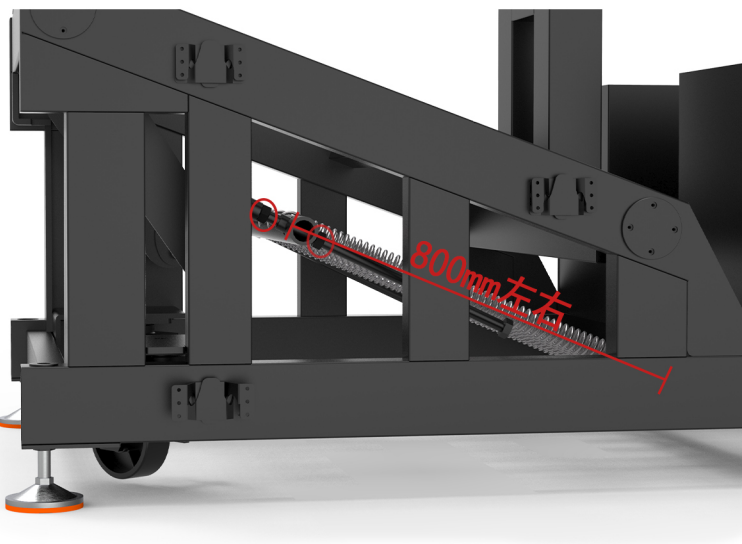


6. Install backboard and rim: ① using M20*70mm bolts and nuts, put backboard and rim on the top rod.

②



② Hang the rim on the overhang arm, using bolts M12*30mm, washer, spring washer fix the rim on the overhang arm.



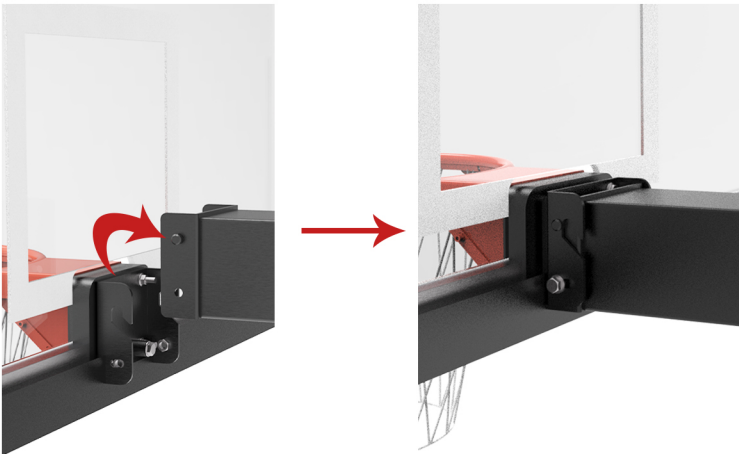
7. Lift up the bracket, adjust the nuts at both sides rod to make the distance from front to rear side is 800mm. (Please adjust the spring strength accordingly when lift up the bracket)

①

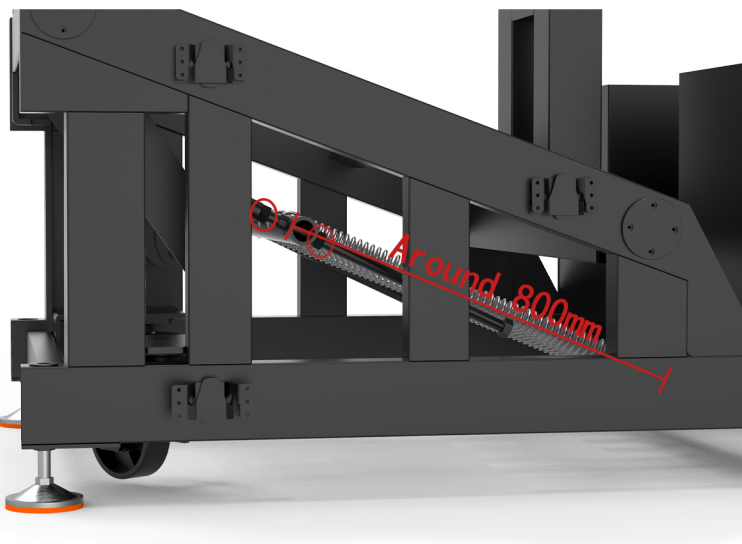


6. Install backboard and rim: ① using M20*70mm bolts and nuts, put backboard and rim on the top rod.

②



② Hang the rim on the overhang arm, using bolts M12*30mm, washer, spring washer fix the rim on the overhang arm.



7. Lift up the bracket, adjust the nuts at both sides rod to make the distance from front to rear side is 800mm. (Please adjust the spring strength accordingly when lift up the bracket)



8. Assemble lock rod: using bolts size M16*60mm, nuts to fix it on the front pole.

⚠ When fold the bracket, please take off the safety rod first, and then fold the bracket by pulling the stripe at the end of overhang by one person or more if requested.



9. Install the padding: fix the front side padding by Self-tapping screw on the hinge, hang the pole padding, left, right, rear side padding, velcro fix on the overhang padding.