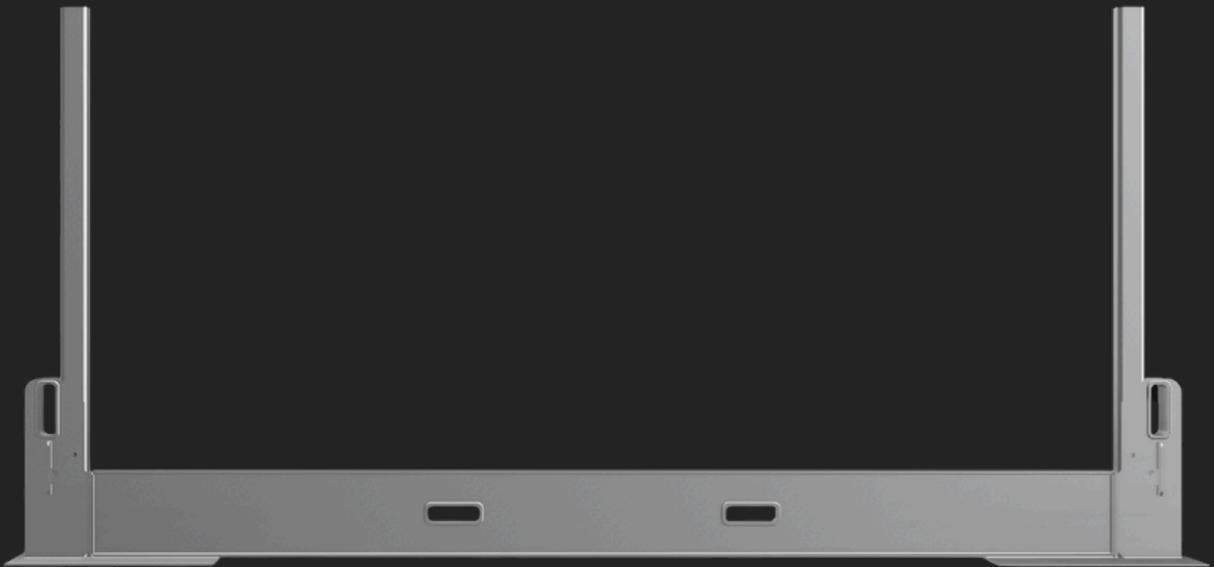


BLACKWOOD

RAPID DEPLOY

SAFETY RACK

MANUAL



GENERAL INFO

TARE WEIGHTS:

Unit with 5'0" Uprights: ~750 pounds

Unit with 6'6" Uprights: ~800 pounds

SAFETY:

- Use proper PPE, including but not limited to: hard hat, safety vest, steel toed boots, gloves, eye protection.
- Conduct a safety briefing prior to handling/ processing safety racks.
- When loading, unloading, or moving equipment, no person should be near the work area unless they are a spotter.
- Be aware of sharp edges when handling material by hand.

ADDITIONAL RESOURCES:

Sales/ General Questions: Trisha Painter 435-659-5195 OR Sydney Hensley 812-369-5732

Engineering/ Procurement: Levi Painter 801-309-4399

Email: safetyracks@bwoodsolutions.com

Website: www.blackwoodsafetyracks.com

Blackwood Office: 812-676-8770

UNLOADING

***Unloading techniques vary based on the type and size of equipment used. Please reach out to Blackwood if you are unsure on how to properly unload racks in a specific scenario. Always have a spotter when unloading material.**



Before unloading, ensure that the trailer is oriented correctly. In the picture, the arrow is pointing out the incorrect base overlap. This trailer needs to be unloaded from the opposite side.



The rack on the outside needs to be overlapping the rack on the inside, so that it will lift freely. The entire trailer should arrive loaded in a consistent manner, and unloaded from the same side.



Use a spotter when possible. Always utilize the fork pockets when removing racks from a trailer. Ensure that the fork is fully inserted into the pocket before lifting.

ASSEMBLY



Assembly of the RDSR's does not require any tools. Remove the hitch pin and lynch pin and place them in the base pocket to keep track of them for later.



Lift from the top of the upright until it is flush with the base. It will stand on its own, but is not secure until the pins are reinstalled.



Reinstall the hitch pin and lynch pin. Complete these steps on the other side.

Do a visual check for sticker placement and damage. If you notice that any of the pieces look bent or damaged at this point, do not use them.



Always use the fork pockets when moving assembled racks.

RACK PLACEMENT



Always place racks on solid, level ground where the base is fully supported.

of Units/ Spacing Guidelines:

Wood and Concrete Poles:

- 30' - 2 units spaced 20' apart with a 5' overhang on the ends
- 40' - 2 units spaced 20' apart with a 10' overhang on the ends
- 45' - 3 units spaced 20' apart with a 2.5' overhang on the ends
- 50' - 3 units spaced 20' apart with a 5' overhang on the ends
- 55' - 3 units spaced 20' apart with a 7.5' overhang on the ends
- 60' - 3 units spaced 20' apart with a 10' overhang on the ends
- 65' - 4 units spaced 20' apart with a 2.5' overhang on the ends
- 70' - 4 units spaced 20' apart with a 5' overhang on the ends
- 75' - 4 units spaced 20' apart with a 7.5' overhang on the ends
- 80' - 4 units spaced 20' apart with a 10' overhang on the ends
- 85' - 5 units spaced 20' apart with a 2.5' overhang on the ends
- 90' - 5 units spaced 20' apart with a 5' overhang on the ends
- Over 90' please contact Blackwood for additional engineering.

Steel Poles:

- 2 evenly spaced units for all sizes of steel poles.

LOADING REQUIREMENTS

Recommended weight capacity: 60,000lbs per unit

All material must be within the uprights. Never stack poles above the top of the uprights.



Stacked concrete and ductile iron poles should never exceed 5' off the ground, or three layers high. Whichever comes first.



Evenly distribute weight when possible. The weight capacity is based off of an evenly distributed load.



IMPORTANT SAFETY NOTICE

Always load materials so the weight is applied to the uprights from the inside of the rack.

Please note that even though each unit is rated at 60,000 pounds, this is a vertical loading.

The horizontal loading of the uprights may be limited by the dimensions and the density of the material.

Dense materials will reach weight capacity before height capacity.