

What does item "C" refer to in this illustration of a 30-ton pedestal crane?

A. Equalizing beam

Incorrect. An equalizing beam is used to equalize the loads on each leg when lifting long loads or unbalanced loads. Equalizing beams can be used with multiple legs using one crane or combining two cranes to lift a load. In this diagram, an equalizing beam (not pictured) can be connected to the block/hook assembly to lift a large or unbalanced load.

B. Hoist Fall Spreader

Incorrect. A hoist fall spreader is a combination of terms that is used to distract you from the correct answer.

C. Rider block

Correct. A rider block is a movable block attached to the cargo wire which is placed above the hook block to control its pendulation (swing of hook block).

D. Block/hook assembly

Incorrect. A block where the cargo wire runs through it with a hook attached. The hook can be fixed, swiveled or loose.

