

Choosing the right davit crane and mandatory base option

First, you must decide on which of our four davit cranes best suits your lifting requirements. This decision will be based not only on the crane's capabilities, but also the loads to be lifted, frequency of lift, and the environment in which that work will take place. Whether the crane is permanent, static or frequently moved are other considerations. Second, as we'll explain, you must choose an appropriate base; without one, a davit crane is not usable.

Beyond the crane's capacity, end users might look at other key features:

- Steel davit: 360-degree rotation with four different boom height adjustments. Maximum capacity: 2,500 lbs.
- Tele-Pro davit: same benefits but the boom telescopes in and out under load. Maximum capacity: 2,500 lbs.
- Composite (CompOZite) davit: made of advanced composite material, which is corrosion resistant and lightweight (weighs 83 lbs.). Maximum capacity: 1,200 lbs.
- Composite (CompOZite)-Elite davit: even greater strength-to-weight ratio (weighs 37 lbs.). Maximum capacity: 1,200 lbs.



Note: load ratings will vary depending on wire or synthetic rope length and diameter.

Choosing your davit crane base

Once you have selected the right crane/s, there are a variety of mounting options that, again, are dictated to by the type of crane, lift and application environment. It might be that you buy a single crane and multiple bases for different purposes.

There are three types of base:

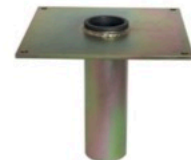
1. Pedestal

The pedestal base is commonly used on rooftops, where davit cranes might be utilized for maintenance or bolted to the floor in a facility. Users just mount the base where they need to make a lift and move the crane from base to base.



2. Socket

Socket bases are used mainly in the back of trucks or used in an area where the installer will pour cement around the base to keep the surface area flat and offer high mounting strength.



3. Wall-mount

The wall-mount base allows a davit crane to be attached to the wall of a facility to save floorspace, perhaps on a production line or at a workstation. Each base comes with a mounting template.



- In all cases, it is important to check the capacity of the mount and its compatibility with the crane/s selected. One wall-mount will not work for all davit cranes, for example.