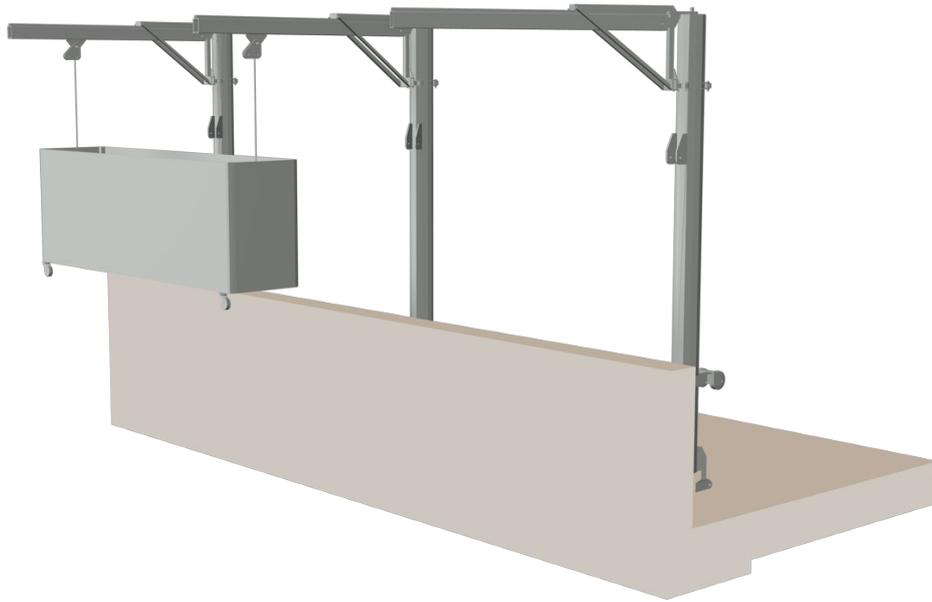


Davits

A discrete solution for public terraces



The Davit system is a traditional and effective method to provide permanent and temporary access to facades and is typically used to suspend long work platforms. Singleuser cradles and bosun's chairs – such as the RopeClimber bosun's chair - may also be suspended from individual davits.

The Davit comprises a mast and a jib made in aluminium alloy. The Davit boom rotates on a special rolling collar to allow the platform to be maneuvered over the parapet. The platform is suspended from a captive trolley, allowing movement along the davit jib.

A temporary or portable Davit is designed such that it can be removed and relocated on different places of the building where sockets are installed.

Until today Davit systems of up to 5m height and 4m outreach have been installed.

A lightweight solution

Easily hidden while it is not in use

Rapidly installed and low-cost solution

The cradle or suspended equipment can be used for other maintenance systems

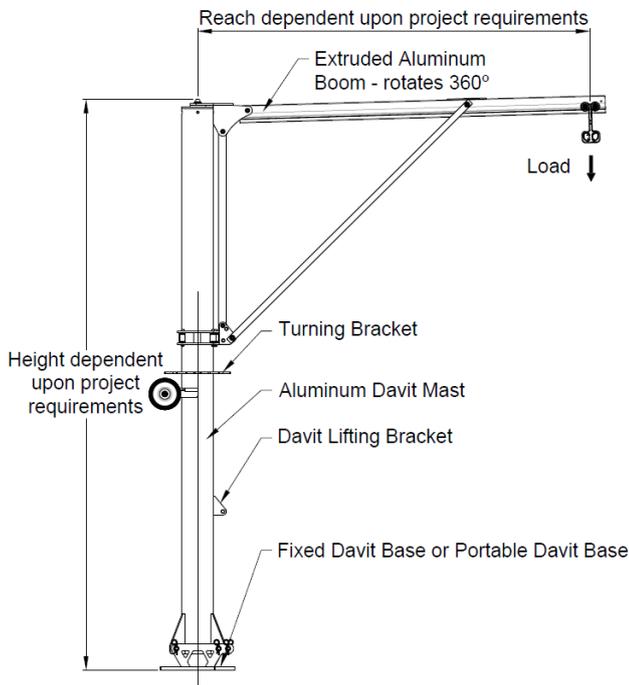
Easily disassembled for ease of transport

Easily operated. Just requires a basic training in work at heights

Modular system, which allows augmentation or exclusion of elements

1. Slab mounted swing davit

The davits are aluminium structures, which are mounted on davit bases, anchored to the concrete roof slab of the building. These davits are fixed with lock pins which are fixed and then removed easily and are supplied along with the davits. A boom is attached on the davit and locked at the desired position. The davit bases are fabricated from steel and are hot dip galvanized. The davits itself are manufactured from Aluminium alloy T6060 T6.



Different parts of a typical slab mounted swing davit

2. Davit Bases

Of the various types of Davit Systems available, those incorporating fixed davit bases are the best solution for long-term value.

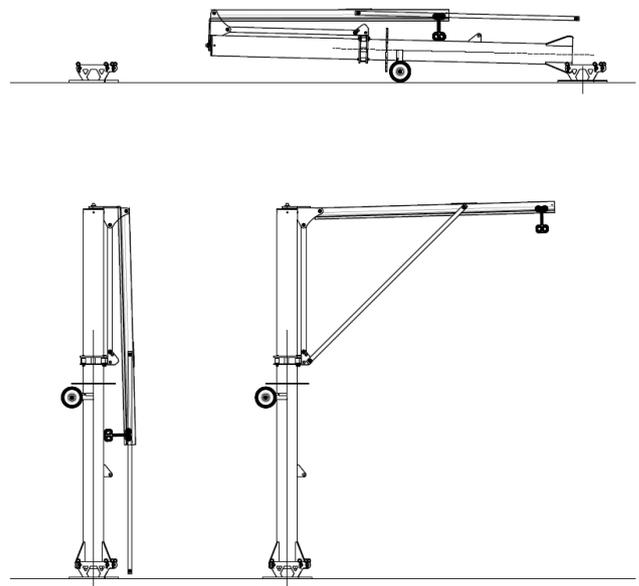
The machined tolerances of davit bases ensure the davit mast fits securely and quickly, with no extra parts to adjust. For this reason, fixed bases are components of the most labor-efficient davit system.

Fixed models can be mounted directly to the roof structure with cast-in anchors.

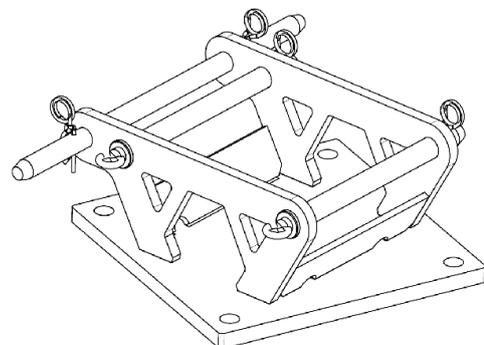
The davit bases are made of welded steel St 37-2, hot dip galvanized.

3. Operation

All davit arms are delivered with lifting winches in order to assure a safe, fast and effort-saving transport of the working structure. As shown in the pictures below, the arm is mounted folded to the base for its ease of transport and saving, and completely unfolded once it is mounted and lifted on the base.



Steps of the swing davit assembly to the davit base.



Davit Base Isometrical View. The through pins allow the assembly of the davit to the base.

4. Scope of supply

FBA Gomyl is able to deliver any combination of the measures shown below in order to provide adapted solution for any needs.

| Height (mm) | Outreach (mm) |
|-------------|---------------|
| 1800 | 1200 |
| 2000 | 1800 |
| 2600 | 2100 |
| 3000 | 2500 |
| 4000 | 3600 |

5. Photos

The photos below are from different projects where davit systems have been installed combined with different products.



Davit system installed in MahaNakhon Tower in Bangkok, Thailand, in order to deal with the unique design of pixels, combined with the RopeClimber to reach all facades in different levels.



Lightweight aluminium Davit system with modular powered cradles installed in lower terraces of Globe Tower, in Taguig, Philippines.