

PORTABLE BOX FRAME GANTRY SYSTEM

Technical Datasheet

The portable Box Frame Gantry System is perfectly designed for areas where there is limited space or insufficient overhead anchoring structures. The portable Box Frame Gantry System was designed to be versatile, lightweight, and exceptionally mobile to ensure worker safety in various challenging situations. Our pre-engineered systems provide secure anchor points and spacious safe working areas to help the worker to focus on the work while working at heights.

This system is capable of supporting the weight of two workers in a fall arrest situation. This Portable Box Frame System is available in dual and single rail Configurations for optimal horizontal mobility and Reliable fall protection for two users while working. We offer a variety of widths and heights as per site conditions so that you can use the ideal size for your convenience.

This portable system is classified for two users and can be installed for permanent or temporary use. A specially designed jack with a swivel lock and durable wheels allows workers to easily relocate the portable structure as needed. The wheel has a cast iron inner and PU outer that makes it easy to use on flat surfaces.



■ Specifications

Anchor Height	4.8 meter
Width	4.1 meter
Rail Length	5 meter (Double Rail)
Wheel	10" (Cast iron inner & PU outer)
Max. Number of Users	2 Person (one on each rail)
Max. Weight Capacity	190 kg
Power Required for movement	2 Person
Material of Construction	High strength steel sections
Compatible Devices	RetroGuard Fall arrest block with Full body safety harness

■ Key Features

- Available in customized size configuration easily to suit the site application.
- Overhead anchoring provides safety at height work; an effective, economical fall arrest system.
- Heavy-duty Jack mounted wheels for portability.
- Lightweight easy for handling and installation.
- Superior durability and weather resistance.
- Complies with OSHA 1926.502 and OSHA 1910.66 requirements.
- Suitable for Mining Industries, General Industrial, Transportation Industries, Construction Industries.

■ Setup and Functionality

- Use the jack handle to lower the wheel and release the swivel lock pin of the wheel then move the Portable box frame gantry to the desired work area.
- Position the box frame gantry parallel to the work area, making sure the legs are clear of any obstructions.
- There is no need to lock the wheel to keep the gantry stable in the work area. Simply use the jack handle to lower the system. The system will self-align and remain stable through the inbuilt footplate of the leg.
- Use Retroguard's tag line to pull off the snap hook. Attach the snap hook to the safety harness. The fall arrest system is ready to use.
- If a worker wants horizontal movement specially designed channel trolley allows the movement along with the rail channel.