

YOUR LES®

QUICK GUIDE

TO

BEAM TRAVEL TROLLEYS



WHAT ARE BEAM TRAVEL TROLLEYS?

Beam Travelling trolleys are mechanical devices that are designed to be attached to overhead beams or track systems, enabling the horizontal traversal of heavy loads.

They generally consist of a sturdy frame and a set of wheels or rollers that glide smoothly along the beam's surface.

Beam trolleys come in a wide variety of sizes and configurations to accommodate different beam sizes and load capacities.

FUNCTIONS & USES

Beam trolleys provide a versatile solution for transporting goods and materials in warehouses, factories, construction sites, and many other industrial settings. Here's a non-exhaustive list of most common applications:

Material Handling: Beam travel trolleys are primarily used for transporting materials and goods along horizontal beams. They are commonly deployed in warehouses and manufacturing facilities for moving heavy items such as machinery parts, pipes, pallets etc.

Assembly Lines: In assembly line operations, beam trolleys facilitate the smooth movement of workpieces between various stages of production. They help streamline manufacturing processes and improve efficiency.

Maintenance & Repair: Beam travel trolleys are useful for maintenance tasks, allowing workers to position equipment and tools at elevated height for servicing or repair work.

Construction: In construction projects, beam trolleys are utilised for lifting and positioning heavy construction materials such as steel beams and concrete panels, at elevated locations.

TYPES OF BEAM TRAVEL TROLLEYS

As previously mentioned, beam trolleys come in various sizes and configurations. Here's a list of trolley types available at Lifting Equipment Store.

Manual (Push) Beam Trolleys: These are operated by hand and typically feature a hand chain or lever for moving the trolley along the beam. Push beam trolleys are suitable for lighter loads and offer precise control over movement speed.

Geared Beam Trolleys: This type is equipped with gears and hand chain or crank mechanism for effortless operation. They are ideal for transporting heavier loads with minimal manual, physical exertion.

Motorised (Electric) Beam Trolleys: These are powered by electric motors, allowing for automatic movement along the beam. They are well-suited for handling extremely heavy loads or for applications where frequent movement is required.

Pneumatic (Air) Beam Trolleys: Powered utilising compressed air, air-powered trolleys are more commonly used in environments where electrical power is not practical or safe.

I-Beam Trolleys: These have been specifically designed to provide a secure fit on the horizontal flange of an i-beam.

SAFETY TIPS & GUIDELINES

Inspect Equipment: Before each use, we recommend that you visually inspect your beam travel trolley for any signs of damage or wear. Ensure that all components such as wheels, bearings, and fasteners are in good condition before commencing.

Verify Load Capacity: Determine the weight of the load to be moved and verify that it doesn't exceed the rated capacity of your beam trolley. Overloading will cause damage to your equipment and leading to potential catastrophic injury.

Securement Attachment: Properly attach the beam travel trolley to the beam/track using the provided (correct) clamps or bolts. Verify that the attachment is secure and stable before moving any loads.

Even Load Distribution: Distribute your load evenly across the beam trolley to prevent instability and tipping. Use slings or other lifting accessories (contact our sales team for advice) to ensure correct weight distribution.

Clear Pathways: Keep your workspace clear of obstacles and obstruction to allow for unobstructed movement of the trolley. Ensure that there are no personnel in the vicinity of a moving load.

Use PPE: Always wear the appropriate personal protective equipment – such as gloves, safety glasses, safety boots, and helmets – when operating a beam travel trolley to protect against frequent and potential hazards.

Training & Supervision: Ensure that all operators receive adequate training prior to using a beam trolley. Proper training is essential in the safe operation of machinery. Inexperienced users should be supervised until they can demonstrate clear competency in handling the equipment.

OUR MOST POPULAR BEAM TRAVEL TROLLEYS



**LES BEAM PUSH
TRAVEL TROLLEY**

From £43.98

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**YALE HTG GEAR
TRAVEL TROLLEY
TYPE A**

From £128.92

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**YALE VTE SINGLE
SPEED ELECTRIC
TROLLEY**

From £657.83

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