

NEOMETRIX DEFENCE

Weapon Loading Trolley

About:

- Nandan's Article Loading Trolley is a specialized solution designed for loading articles, bombs, and other equipment to a desired height of 500mm from the ground.
- This trolley is widely used by the Indian Armed Forces for their defense operations.
- The trolley has a single stage dual scissor design arrangement made of sturdy steel scissor that is plate-sectioned for added durability.
- The scissor is equipped with heavy-duty bushes and wheel aids, allowing for effortless movement up and down.
- The trolley is easily operable and requires minimal maintenance, making it a cost-effective solution for the Indian Air Force.
- With its robust construction and reliable performance, Weapon Loading Trolley is an ideal solution for defense operations that require safe and efficient loading of heavy weapons.



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Technical Specifications

Lifting capacity: 750 kgf/1653 lbf

Load lifting height: From 310mm to 1970mm/ 2340 mm

Overall dimension: 3080mmX980mmX600mm

Base: 2650mm

Track:-

Front wheels: 570mm

Rear wheels (Minimum): 830mm

Rear wheels (Maximum): 1420mm

Ground clearance: 90mm

Operating fluid: AMZ-10 purity class 9.

Hydraulic Tank Capacity: 2.9 Liters

Weight: 300Kgs

Solid rubber wheels of size: 300mmX70mm

Hp01 dual position hydraulic pump with 629600B hydraulic valve.

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Key Features:

- True vertical lift
- Four robust single acting cylinder with Pilot Check Valves help to take the platform to the required height to make easy lifting of materials.
- Trolley is provided with Flow Control Valve, Relief Valve and Hand Pump
- Minimum preventive maintenance



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Application:

- Weapon loading trolley is a unit designed to position, load and unload armament stores (weapons and bombs) to aircraft. The loader has a very low profile, a scissors boom lift action for true vertical lift.

