

PRODUCT SPECIFICATION

Hydraulic Beam Trolley

NANDI Hydraulic Beam Trolleys are specially designed for the safe and efficient handling of textile beams. Built with a sturdy structure, reinforced forks, and a reliable hydraulic system, these trolleys are suitable for continuous industrial use and can be offered in customisable sizes to suit specific customer requirements.

TECHNICAL SPECIFICATIONS

SPECIFICATION	Single	Double
AVAILABLE RATED CAPACITIES	2500 kg / 3000 kg / 5000 kg	2500 kg / 3000 kg / 5000 kg
MODEL TYPE	Single Roller Bracket	Double Roller Bracket
RATED CAPACITY	2500 kg / 3000 kg / 5000 kg	2500 kg / 3000 kg / 5000 kg
FORK LENGTH	Customisable up to 2800 mm	Customisable up to 4500 mm
WIDTH	To suit beam flanges from 600 mm to 1500 mm	To suit beam flanges from 600 mm to 1500 mm
WIDTH OF EACH FORK	160 mm (V-fork type)	160 mm (V-fork type)
LOWERED FORK HEIGHT	140 mm	140 mm
MAXIMUM FORK HEIGHT	240 mm	240 mm
STEERING WHEEL SIZE	Ø190 × 50 mm – 2 Nos	Ø190 × 50 mm – 2 Nos
LOAD ROLLER SIZE	Ø80 × 60 mm – 4 Nos	—
FINISH	Deep Orange powder-coated	Deep Orange powder-coated
LOAD ROLLER SIZE 1	—	Ø80 × 85 mm – 2 Nos
LOAD ROLLER SIZE 2	—	Ø80 × 70 mm – 2 Nos

SPECIAL FEATURES

- Strong and sturdy structure for higher load applications
- Customisable fork length and width to suit beam sizes
- Reinforced fork design for heavy-duty usage
- Cartridge type valve system for easy maintenance
- Hydraulic circuit designed for dependable and leak-free performance
- Suitable for continuous industrial operation
- Ready spare parts and service support
- Designed for demanding shop-floor conditions

APPLICATIONS

- Transporting empty and full warp beams within loom sheds
- Loading beams onto textile looms
- Moving beams between warping and weaving sections
- Handling longer textile beams safely and efficiently
- Transporting warp beams in weaving and preparatory sections
- Moving beams through narrow shop-floor aisles with better support

Customisation Available: Fork length, width, rated capacity, and wheel arrangement can be offered based on beam size and application requirement.

KEY FUNCTIONAL HIGHLIGHTS

HYDRAULIC LIFTING	Hand-operated hydraulic pump for smooth lifting and lowering of textile beams
WARP BEAM HANDLING	Suitable for transporting empty and full warp beams within the loom shed or beaming section
EASY MANEUVERABILITY	Equipped with rollers and wheels for smooth movement through narrow aisles
HEAVY-DUTY CONSTRUCTION	Built for higher load applications and demanding shop-floor conditions
CUSTOMISABLE DESIGN	Fork length and width can be tailored to suit different beam sizes and plant requirements

- Strong and sturdy structure for higher load applications
- Customisable fork length and width to suit beam sizes
- Reinforced fork design for heavy-duty usage
- Cartridge type valve system for easy maintenance
- Hydraulic circuit designed for dependable and leak-free performance
- Suitable for continuous industrial operation
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COMMON APPLICATIONS

- Loading warp beams onto textile looms
- Transporting beams between warping and weaving machines
- Moving textile beams safely within loom sheds and preparatory sections
- Handling heavy textile beam movement with reduced manual effort

BENEFITS

NANDI Hydraulic Beam Trolleys help improve worker safety, reduce manual lifting strain, and enhance material handling efficiency during the transport and positioning of textile beams.