

PRODUCT SPECIFICATION

Battery Operated Pallet Truck

NANDI – M Battery Operated Pallet Trucks are designed for efficient pallet movement with powered traction and lifting, making them suitable for warehouses, factories, dispatch areas, and industrial material handling applications. Built for heavy-duty usage, these trucks offer electric drive, hydraulic lifting, and enhanced safety features for smooth and reliable performance.

With options for standing or pedestrian operation, robust braking systems, and reliable electrical components, NANDI – M Battery Operated Pallet Trucks are ideal for handling palletised loads safely and efficiently in demanding industrial environments.

TECHNICAL SPECIFICATIONS

Product Identification

PRODUCT TYPE	Battery Operated Pallet Truck
DRIVE UNIT	Electric
OPERATING TYPE	Standing or Pedestrian
RATED CAPACITY	2000 kg / 3000 kg / 5000 kg

Lift Dimensions

LOWERED FORK HEIGHT	90 mm
MAXIMUM FORK HEIGHT	200 mm

Fork Dimensions

FORK LENGTH	1150 mm Standard Size– Also Customisable
OVERALL FORK WIDTH	560 mm / 680 mm
WIDTH OF EACH FORK	160 mm / 180 mm
MINIMUM GROUND CLEARANCE	30 mm

Electric Motor and Drive System

DRIVE MOTOR RATING	1.5 kW
PUMP MOTOR RATING	2.2 kW
HYDRAULIC PUMP	Dowty gear pump
DRIVE ARRANGEMENT	Gear drive traction movement

Battery and Charger

BATTERY VOLTAGE / CAPACITY	24V / 195Ah
BATTERY TYPE	Lead acid battery
BATTERY CHARGER	24V / 30 Amps, transformer type

Performance and Braking

BRAKE SYSTEM	Electromagnetic brake
ADDITIONAL BRAKE	Regenerative brake

Safety Accessories

- Horn

- Reverse horn
- Emergency switch
- Key switch
- Operator platform

Steering System Options

- Manual steering
- Power steering

MAIN FEATURES

- Regenerative braking function
- Zapi electronic controller
- Emergency reversing device in the handle for improved operator safety
- Emergency power disconnect switch
- Braking applied with handle in both upright and horizontal positions for increased safety
- Five-point structure for improved stability

PRODUCT HIGHLIGHTS

- Electric drive for efficient pallet movement
- Available in 2000 kg, 3000 kg, and 5000 kg capacities
- Suitable for standing or pedestrian operation
- Reliable hydraulic lifting system
- Heavy-duty battery and charger arrangement
- Improved operator safety through multiple control and braking features
- Available with manual steering or power steering options
- Built for industrial pallet handling applications

COMMON APPLICATIONS

- Warehouse pallet movement
- Factory material handling
- Dispatch and loading operations
- Internal pallet transfer in production areas
- Heavy-duty pallet transport in industrial units

CUSTOMISATION / OPTIONS

Available Options

CAPACITY SELECTION	2000 kg / 3000 kg / 5000 kg
FORK LENGTH OPTIONS	Customisable
FORK WIDTH OPTIONS	560 mm / 680 mm
STEERING OPTIONS	Manual steering / Electronic Power steering

NANDI-M Battery Operated Pallet Trucks are designed for smooth, safe, and efficient pallet movement with electric drive, hydraulic lifting, and advanced safety controls. Built for industrial handling applications, they offer dependable performance, operator comfort, and stability in demanding warehouse and factory environments.