

PRODUCT SPECIFICATION

Battery Operated Stacker

NANDI M Battery Operated Stackers are designed for safe lifting, stacking, and transportation of palletised loads in warehouses, factories, stores, and production areas. Built with electric traction drive, powered hydraulic lifting, and advanced safety features, these stackers are suitable for demanding industrial material handling applications.

Designed for standing or pedestrian operation, NANDI M Battery Operated Stackers offer smooth maneuverability, dependable lifting performance, and better operator safety for continuous shop-floor usage.

TECHNICAL SPECIFICATIONS

Product Identification	
PRODUCT TYPE	Battery Operated Stacker
DRIVE UNIT	Electric
OPERATING TYPE	Standing or Pedestrian
RATED CAPACITIES	500 kg / 1000 kg / 1500 kg / 2000 kg / 2500 kg
Lift Dimensions	
LOWERED FORK HEIGHT	90 mm
LIFT HEIGHT RANGE	Customisable from 500 mm to 6500 mm
Mast Options	
- Single Mast for lower lift heights - Double Mast – Telescopic Model - Triple Mast – Telescopic Model	
Fork Dimensions	
FORK LENGTH	Customisable from 500 mm to 2000 mm
OVERALL FORK WIDTH	560 mm / 680 mm
WIDTH OF EACH FORK	160 mm / 180 mm
Performance	
BRAKE SYSTEM	Electromagnetic brake
ADDITIONAL BRAKE	Regenerative brake
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 / 345Ah
BATTERY CHARGER	24V / 30 Amps, transformer type

SAFETY FEATURES

- Horn
- Reverse horn
- Emergency switch
- Ignition key provided
- Operator platform
- Electromagnetic braking
- Regenerative braking for added control and safety
- Steering System Options
- Manual Steering
- Electronic Power Steering

MAIN FEATURES

- Regenerative braking function
- CURTIS electronic controller
- Emergency reversing device in the handle for improved operating safety
- Emergency power disconnect switch
- Braking applied with handle in upright and horizontal positions for enhanced safety
- Five-point structure for better stability

PRODUCT HIGHLIGHTS

- Electric drive for efficient pallet movement
- Powered hydraulic lifting for easier stacking and material handling
- Available in capacities up to 2500 kg
- Lift heights available up to 6500 mm
- Single mast, double mast, and triple mast options
- Suitable for standing or pedestrian operation
- Heavy-duty battery and motor arrangement for industrial use
- Available with manual steering or electronic power steering
- Built for smooth operation and improved operator safety

COMMON APPLICATIONS

- Warehouse pallet stacking
- Loading and unloading operations
- Material movement in production areas
- Storage and retrieval at various rack heights
- Internal pallet handling in factories and industrial units

CUSTOMISATION AVAILABLE

Capacity, fork length, fork width, lift height, mast type, and steering option can be offered based on customer requirement and application.