

PRODUCT SPECIFICATION

Semi Electric DC Scissor Lift

NANDI Semi Electric DC Scissor Lifts are designed for the safe lifting and ergonomic handling of heavy materials in warehouses, factories, workshops, and production areas. These lifts help reduce operator strain caused by repetitive bending and manual lifting, while improving safety and efficiency in material handling operations.

Built with a rigid scissor structure, battery-operated lifting system, and customisable platform dimensions, NANDI Semi Electric DC Scissor Lifts are suitable for continuous industrial use and can be tailored to suit specific customer requirements.

PRODUCT HIGHLIGHTS

- Battery-operated lifting with manual movement
- Designed for safe and ergonomic material handling
- Suitable for warehouses, factories, and workshops
- Helps reduce worker fatigue and manual strain
- Customisable platform size, width, and lift height
- Built for reliable performance in industrial environments

AVAILABLE MODELS

- 250 kg
- 500 kg
- 1000 kg
- 1500 kg

TECHNICAL SPECIFICATIONS

SPECIFICATION	250 kg	500 kg	1000 kg	1500 kg
RATED CAPACITY	250 kg	500 kg	1000 kg	1500 kg
PLATFORM SIZE	Customisable	Customisable	Customisable	Customisable
LOWERED HEIGHT	450 mm – 500 mm	450 mm – 500 mm	450 mm – 500 mm	450 mm – 500 mm
MAXIMUM PLATFORM HEIGHT	Customisable	Customisable	Customisable	Customisable
MOVEMENT	Manual	Manual	Manual	Manual
LIFTING METHOD	DC Power Pack	DC Power Pack	DC Power Pack	DC Power Pack
LIFT MOTOR RATING	1.2 kW	1.2 kW	1.2 kW	1.2 kW
BATTERY	12V / 88Ah	12V / 88Ah	12V / 88Ah	12V / 88Ah
BATTERY CHARGER	12V / 15 Amps	12V / 15 Amps	12V / 15 Amps	12V / 15 Amps
WHEEL OPTIONS	Nylon / Cast Iron / Polyurethane	Nylon / Cast Iron / Polyurethane	Nylon / Cast Iron / Polyurethane	Nylon / Cast Iron / Polyurethane
FINISH	Deep Orange- Powder Coated	Deep Orange- Powder Coated	Deep Orange- Powder Coated	Deep Orange- Powder Coated

FEATURES

- Suitable for light-duty lifting applications
- Battery-operated lifting for reduced operator effort
- Manual travel for simple movement
- Customisable platform size and height
- Smooth and reliable lifting operation
- Suitable for workshop and warehouse use
- Suitable for medium-duty lifting applications
- Strong and rigid scissor lift structure
- Reliable battery-operated lifting system
- Suitable for heavier material handling applications
- Ergonomic lifting for safer working conditions
- Stable platform lifting with dependable performance
- Customisable platform dimensions to suit application
- Low operator fatigue during repeated use
- Suitable for shop-floor and production support
- Suitable for heavy-duty lifting applications
- Strong and rigid structure for higher load handling
- Battery-operated lifting for efficient material positioning

- Easy platform positioning at working height
- Custom-built sizes available
- Built for continuous industrial usage
- Reliable performance for industrial use
- Designed for repetitive lifting operations

POWER SYSTEM

- Equipped with a 12V DC power pack
- Powered by a 12V / 88Ah battery for dependable lifting performance
- Supplied with a 12V / 15 Amp charger

STRUCTURAL DESIGN

- Rigid scissor lift structure designed to remain stable under load
- Suitable for continuous use in industrial environments
- Designed to reduce distortion during operation

ELECTRICAL PROTECTION

- PCB-controlled power system for efficient operation
- Overload relay and fuses provided for motor protection
- Proximity sensors integrated to stop the motor automatically at the required height
- Customisation
- Platform size can be customised
- Lift height can be customised
- Width can be customised
- Wheel type can be selected based on application

SPECIAL FEATURES

- Battery-operated lifting with manual movement
- Strong and sturdy scissor lift structure
- Customisable platform size and lift height
- Suitable for ergonomic lifting and positioning of heavy materials
- Helps reduce worker strain from repetitive bending and lifting
- Reliable lifting performance for industrial applications
- Available in multiple capacities
- Built for demanding warehouse, factory, and workshop usage

COMMON APPLICATIONS

- Lifting and positioning heavy materials at working height
- Warehouse material handling
- Factory and workshop operations
- Assembly and production support
- Repetitive lifting applications requiring ergonomic handling
- Internal movement and positioning of materials

Customisation Available: Platform size, lift height, width, wheel type, and rated capacity can be offered based on customer requirement and application.