

PRODUCT SPECIFICATION

Semi Electric AC Scissor Lift

NANDI Semi Electric AC Scissor Lifts are designed for the safe, ergonomic, and efficient lifting of heavy materials in warehouses, factories, workshops, and production areas. These lifts combine manual movement with AC-powered lifting, making them suitable for applications where materials need to be raised to a comfortable working height with reduced operator effort.

Built with a strong scissor structure, reliable AC power pack, and customisable platform dimensions, NANDI Semi Electric AC Scissor Lifts are ideal for continuous industrial use and repetitive lifting applications.

TECHNICAL SPECIFICATIONS

PRODUCT TYPE	Semi Electric AC Scissor Lift
RATED CAPACITY	250 kg to 1500 kg
PLATFORM SIZE	500 mm to 2000 mm
LOWERED HEIGHT	450 mm to 600 mm
MAXIMUM LIFT HEIGHT	500 mm to 2000 mm
MOVEMENT	Manual
LIFTING METHOD	AC Power Pack
POWER SUPPLY	Control panel and accessories provided
LIFT MOTOR RATING	2 HP, 3-phase, flange mounted
WHEEL OPTIONS	Nylon / Cast Iron / Polyurethane
FINISH	Deep Orange – Powder Coated

PRODUCT HIGHLIGHTS

- AC-powered lifting for smooth and efficient operation
- Manual movement for easy positioning and handling
- Suitable for repetitive lifting applications in industrial environments
- Platform size can be customised to suit customer requirements
- Helps reduce worker strain caused by bending and manual lifting
- Improves workplace safety and material handling efficiency
- Suitable for warehouses, workshops, factories, and production support applications

SAFETY FEATURES

■ Electrical System

- Overload relay provided for overload protection of the motor
- Proximity sensors provided for cut-off positioning
- Equipped with a 2 HP / 3-phase flange-mounted motor of reputed make
- AC power supply is used within the control panel and power pack only

■ Hydraulic System

- Overload relief valve provided to divert oil back to the tank in case of overloading
- Hydraulic system designed for safe and dependable lifting performance

SPECIAL FEATURES

- Strong and rigid scissor lift structure

- AC-powered lifting for continuous-duty operation
- Customisable platform size and lift height
- Suitable for ergonomic lifting and positioning of heavy materials
- Manual travel for easy movement within the shop floor
- Multiple wheel options available based on floor condition and application
- Smooth lifting performance with dependable electrical and hydraulic protection
- Built for demanding industrial usage

COMMON APPLICATIONS

- Lifting and positioning materials at working height
- Material handling in warehouses and stores
- Assembly and production support operations
- Workshop applications requiring ergonomic lifting
- Repetitive industrial lifting where safe load positioning is required

BENEFITS

NANDI Semi Electric AC Scissor Lifts help improve worker safety, reduce manual strain, and increase efficiency in material handling operations. They are especially useful in applications where materials need to be repeatedly lifted to different working heights with better control and less effort.

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