

PRODUCT SPECIFICATION

Hydraulic Scissor Lift with AC Power Pack

NANDI Hydraulic Scissor Lifts with AC Power Pack are designed for the safe, smooth, and efficient lifting of heavy materials in factories, warehouses, stores, and industrial work areas. Built with a rigid boxed frame structure, heavy-duty platform, and a reliable AC-powered hydraulic system, these lifts are suitable for handling heavy loads with stability and dependable performance.

Available in multiple capacities and custom-built configurations, these lifts are ideal for applications where materials need to be lifted to a convenient working height safely and efficiently.

TECHNICAL SPECIFICATIONS

PRODUCT TYPE	Hydraulic Scissor Lift with AC Power Pack
RATED CAPACITIES	500 kg / 1000 kg / 2000 kg / 3000 kg / 5000 kg
PLATFORM SIZE	Customisable
MAXIMUM LIFT HEIGHT	Customisable up to 3000 mm from ground level
SAFETY GUARD	Hand rail provided
FLAPS	Provided
LIFTING METHOD	AC Power Pack
FINISH	Deep Orange / Yellow & Black

STRUCTURAL FEATURES

- 6 mm / 8 mm chequered plate provided on top of the frame
- Entire frame structure is rigidly boxed to withstand heavy loads
- Carriage guiding rollers provided on either side of the scissors for smooth movement
- Designed for stable and reliable lifting performance in industrial applications

SALIENT FEATURES

- 3 HP / 3-phase flange-mounted motor of reputed make
- All electrical controls are of reputed make
- Push buttons provided for controlling upward and downward movement
- Pressure relief valves provided in the power pack
- Load piston made of EN8 material, hard chrome plated

HYDRAULIC OIL TANK CAPACITY	50 litres
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- Push buttons operate on 12V DC

SAFETY FEATURES

Electrical System

- Overload relay provided for overload protection of the motor
- 20 Amps MCB cut-off provided

Hydraulic System

- Overload relief valve provided to divert oil back to the tank in case of overloading

Mechanical System

- Mechanical stoppers provided to prevent overshooting beyond maximum lifted level
- Mechanical solenoid valve release provided in case of power failure to safely bring down the lift

PRODUCT HIGHLIGHTS

- Strong and rigid boxed frame construction
- AC-powered hydraulic lifting for smooth operation
- Available in multiple capacities up to 5000 kg
- Platform size and lift height can be customised
- Hand rail and flaps provided for safer operation
- Hard chrome plated EN8 load piston for durability
- Smooth platform movement through carriage guiding rollers
- Suitable for demanding industrial lifting applications

COMMON APPLICATIONS

- Lifting and positioning heavy materials at working height
- Factory and warehouse material handling
- Internal transfer of loads in production areas
- Workshop operations requiring controlled lifting
- Applications where safe and stable platform lifting is required

CUSTOMISATION AVAILABLE

Capacity, platform size, lift height, hand rail arrangement, flap design, and other specifications can be offered based on customer requirement and application.

NANDI Hydraulic Scissor Lifts with AC Power Pack are built for safe, efficient, and stable lifting of heavy materials in industrial environments. With a rigid boxed frame, dependable hydraulic system, and custom-built platform options, they are ideal for demanding applications that require controlled lifting and long-term reliability.