

# Electric Forklifts 1-5 to 2t, 4 wheel – NXE-Series



Experience the NXE-Series electric forklifts, designed for applications with lower energy demand and built to deliver dependability and reliability with excellent value for money and a low total cost of ownership. With ergonomic controls ensuring intuitive operation, these forklifts uncomplicated productivity.

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## Specifications

	B15NS	B18NS	B20NSC
Key Specifications			
Capacity	1500 kg	1750 kg	2000 kg
Load Centre	500 mm	500 mm	500 mm
Lifting Height (Range)	2900-5500 mm	2900-5500 mm	2900-5500 mm
Travel Speed	13 km/h	13 km/h	13 km/h
Battery Voltage	48/525 V/Ah	48/525 V/Ah	48/525 V/Ah

Characteristics			
Drive	Electric	Electric	Electric
Operator Type	Seated	Seated	Seated
Load Capacity	1500.00 kg	1750.00 kg	2000.00 kg
Load Center	500.00 mm	500.00 mm	500.00 mm
Load Distance: Center of Drive axle to fork	391.00 mm	391.00 mm	396.00 mm

to fork			
Wheelbase	1360.00 mm	1360.00 mm	1360.00 mm

Weights				▲
Operating Weight	3020.00 kg	3300.00 kg	3520.00 kg	
Axle Loading. loaded. front	4035.00 kg	4535.00 kg	4950.00 kg	
Axle Loading. loaded. rear	485.00 kg	515.00 kg	570.00 kg	
Axle Loading. unloaded. front	1495.00 kg	1560.00 kg	1620.00 kg	
Axle Loading. unloaded. rear	1525.00 kg	1740.00 kg	1900.00 kg	

Tyres				▲
Tyres: pneumatic (P). solid (S)	S/E	S/E	S/E	
Tyre size. Front	6.5-10-10	6.5-10-10	6.5-10-10	
Tyre size. Rear	5.00-8-10	5.00-8-10	5.00-8-10	
Wheels. number Front/Rear (x = driven wheels)	2X/2	2X/2	2X/2	
Tread. Front	970.00 mm	970.00 mm	970.00 mm	
Tread. Rear	920.00 mm	920.00 mm	920.00 mm	

Dimensions				▲
Tilt of Mast/Fork carriage forward	6.00 °	6.00 °	6.00 °	
Tilt of Mast/Fork carriage backward	10.00 °	10.00 °	10.00 °	
Height. Mast lowered	1997.00 mm	1997.00 mm	2059.00 mm	
Free Lift	125.00 mm	125.00 mm	110.00 mm	
Maximum fork height	3000.00 mm	3000.00 mm	3000.00 mm	
Height. Mast Extended	3981.00 mm	3981.00 mm	3981.00 mm	
Height of Overhead Guard	2100.00 mm	2100.00 mm	2100.00 mm	
Height of Seat	1060.00 mm	1060.00 mm	1060.00 mm	

Overall Length	3122.00 mm	3122.00 mm	3175.00 mm
Length to Forkface	2052.00 mm	2052.00 mm	2105.00 mm
Overall Width	1150.00 mm	1150.00 mm	1150.00 mm
Fork Dimensions	35/100/1,070	35/100/1,070	40/100/1,070
Fork carriage ISO 2328. class/type A.B	II A	II A	II A
Fork carriage width	1040.00 mm	1040.00 mm	1040.00 mm
Ground Clearance. loaded. below mast	100.00 mm	100.00 mm	100.00 mm
Ground Clearance. center of wheelbase	105.00 mm	105.00 mm	105.00 mm
Aisle width for pallets 1.000 x 1.200 crossways	3481.00 mm	3481.00 mm	3526.00 mm
Aisle width for pallets 800 x 1.200 lengthways	3681.00 mm	3681.00 mm	3726.00 mm
External Turning Radius	1890.00 mm	1890.00 mm	1930.00 mm
Internal Turning Radius	575.00 mm	575.00 mm	575.00 mm

Performance				▲
Travel Speed	13.00 km/h	13.00 km/h	13.00 km/h	
Lift Speed, loaded/unloaded	380.0/440.0 m/s	350.0/440.0 m/s	350.0/440.0 m/s	
Lowering Speed, loaded/unloaded	450.0/500.0 m/s	460.0/500.0 m/s	470.0/500.0 m/s	
Max. Drawbar pull. loaded/unloaded	12000.0/13,000 N	13000.0/14,000 N	13500.0/14,500 N	
Max. Gradeability. loaded/unloaded	13.0/15.0 %	13.0/15.0 %	13.0/15.0 %	
Service Brake	FOOT / HYD	FOOT / HYD	FOOT / HYD	

Electric Engine				▲
Drive motor S2 60 min	8	8	8	
Lift motor rating at S3 15%	11.00 kW	11.00 kW	11.00 kW	

Battery Compartment	398 / 980 / 760 mm	398 / 980 / 760 mm	398 / 980 / 760 mm
Battery voltage, nominal capacity K5	48/525 V/Ah	48/525 V/Ah	48/525 V/Ah
Battery weight	660.00 kg	660.00 kg	660.00 kg

Additional Data			
Type of drive control	Inverter AC	Inverter AC	Inverter AC
Operating pressure for attachments	155.00 bar	155.00 bar	155.00 bar
Sound level at the driver's ear according to EN 12 053	73.00 dB(A)	73.00 dB(A)	73.00 dB(A)

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