

Electric Forklifts 8 to 10t, 4 wheel – NXE-Series



Bobcat's 8-10t 4-Wheel NXE-Series electric forklifts are high-capacity, powerful, high-performance machines, suitable for more demanding applications. With excellent visibility, many advanced comfort and productivity features as standard, and reduced total cost of ownership, these machines will give your business a boost.

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Specifications

	B80NSC	B80NS	B100NS
Key Specifications			
Capacity	8000 kg	8000 kg	10000 kg
Load Centre	600 mm	900 mm	600 mm
Lifting Height (Range)	3300-7000 mm	3300-7000 mm	3300-7000 mm
Travel Speed	14 km/h	13 km/h	13 km/h
Battery Voltage	96/1,085-1,550 V/Ah	96/1,085-1,550 V/Ah	96/1,085-1,550 V/Ah

	Characteristics		
Drive	AC Electric	AC Electric	AC Electric
Operator Type	Driver Seated	Driver Seated	Driver Seated
Load Capacity	8000.00 kg	8000.00 kg	10000.00 kg
Load Center	600.00 mm	900.00 mm	600.00 mm
Load Distance: Center of Drive axle to fork	695.00 mm	695.00 mm	695.00 mm

TO TORK

Wheelbase	2835.00 mm	2835.00 mm	2835.00 mm
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Weights

Operating Weight	13270.00 kg	13700.00 kg	13710.00 kg
Axle Loading. loaded. front	18504.00 kg	19431.00 kg	21493.00 kg
Axle Loading. loaded. rear	2766.00 kg	2269.00 kg	2217.00 kg
Axle Loading. unloaded. front	6850.00 kg	6930.00 kg	6925.00 kg
Axle Loading. unloaded. rear	6420.00 kg	6770.00 kg	6785.00 kg

Tyres

Tyres: pneumatic (P). solid (S)	S/E	S/E	S/E
Tyre size. Front	4.00/60-15 - 8,25-15	8,25-15	8,25-15
Tyre size. Rear	28X12.5-15	28X12.5-15	28X12.5-15
Wheels. number Front/Rear (x = driven wheels)	4X/2	4X/2	4X/2
Tread. Front	1428.00 mm	1490.00 mm	1490.00 mm
Tread. Rear	1310.00 mm	1310.00 mm	1310.00 mm

Dimensions

Tilt of Mast/Fork carriage forward	5.00 °	5.00 °	5.00 °
Tilt of Mast/Fork carriage backward	8.00 °	8.00 °	8.00 °
Height. Mast lowered	2900.00 mm	2900.00 mm	2900.00 mm
Maximum fork height	3300.00 mm	3300.00 mm	3300.00 mm
Height. Mast Extended	4550.00 mm	4550.00 mm	4750.00 mm
Height of Overhead Guard	2755.00 mm	2755.00 mm	2755.00 mm
Height of Seat	1405.00 mm	1405.00 mm	1405.00 mm
Overall Length	5100.00 mm	5700.00 mm	5100.00 mm

Length to Forkface	3900.00 mm	3900.00 mm	3900.00 mm
Overall Width	1760.00 mm	1930.00 mm	1930.00 mm
Fork Dimensions	60X200X1,200	70X200X1,800	70X200X1,200
Fork carriage ISO 2328. class/type A.B	III A	III A	FEM V A
Fork carriage width	1400.00 mm	1800.00 mm	1800.00 mm
Ground Clearance. loaded. below mast	180.00 mm	180.00 mm	180.00 mm
Ground Clearance. center of wheelbase	155.00 mm	155.00 mm	155.00 mm
Aisle width for pallets 1.000 x 1.200 crossways	5345.00 mm	5945.00 mm	5345.00 mm
External Turning Radius	3150.00 mm	3150.00 mm	3150.00 mm

Performance

Travel Speed	14.00 km/h	13.00 km/h	13.00 km/h
Lift Speed, loaded/unloaded	380.0/420.0 m/s	380.0/420.0 m/s	310.0/330.0 m/s
Lowering Speed, loaded/unloaded	500.0/400.0 m/s	500.0/400.0 m/s	500.0/400.0 m/s
Max. Gradeability, loaded/unloaded	11.0/19.0 %	11.0/19.0 %	9.0/17.0 %
Service Brake	hydraulic	hydraulic	hydraulic

Electric Engine

Drive motor S2 60 min	38	38	38
Lift motor rating at S3 15%	52.00 kW	52.00 kW	52.00 kW
Battery voltage, nominal capacity K5	96/1,085-1,550 V/Ah	96/1,085-1,550 V/Ah	96/1,085-1,550 V/Ah
Battery weight	4385.00 kg	4385.00 kg	4385.00 kg

Additional Data

Type of drive control	electronic in AC	electronic in AC	electronic in AC
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Operating pressure for attachments	200.00 bar	200.00 bar	185.00 bar
Oil flow for attachments	80.00 L/min	80.00 L/min	80.00 L/min
Sound level at the driver's ear according to EN 12 053	70.00 dB(A)	70.00 dB(A)	70.00 dB(A)

Features

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Productivity 4

Reliability 4

Safety 4

Serviceability 2

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