

Electric Forklifts 6 to 8t, 4 wheel – NXE-Series



Bobcat's 6-8t 4-Wheel NXE-Series electric forklifts are designed for single shifts and lower energy demand, offering many advanced comfort and productivity features as standard at competitive prices with a low total cost of ownership. Easy access, good visibility, and effortless driving further enhance efficiency and operator comfort.

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Specifications

	B60NX	B70NX	B80NX
Key Specifications			
Capacity	6000 kg	7000 kg	8000 kg
Load Centre	600 mm	600 mm	600 mm
Lifting Height (Range)	3300-7000 mm	3300-6900 mm	3300-7000 mm
Travel Speed	15 km/h	15 km/h	15 km/h
Battery Voltage	80/930-1,085 V/Ah	80/930-1,085 V/Ah	80/930-1,085 V/Ah

	Characteristics		
Drive	AC Electric	AC Electric	AC Electric
Operator Type	Driver Seated	Driver Seated	Driver Seated
Load Capacity	6000.00 kg	7000.00 kg	8000.00 kg
Load Center	600.00 mm	600.00 mm	600.00 mm
Load Distance: Center of Drive axle to fork	650.00 mm	650.00 mm	650.00 mm

TO TORK

Wheelbase	2110.00 mm	2210.00 mm	2310.00 mm
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Weights

Operating Weight	10530.00 kg	11430.00 kg	12860.00 kg
Axle Loading. loaded. front	14854.00 kg	16539.00 kg	18829.00 kg
Axle Loading. loaded. rear	1675.00 kg	1891.00 kg	2031.00 kg
Axle Loading. unloaded. front	5300.00 kg	5580.00 kg	6500.00 kg
Axle Loading. unloaded. rear	5230.00 kg	5850.00 kg	6360.00 kg

Tyres

Tyres: pneumatic (P). solid (S)	S/E	S/E	S/E
Tyre size. Front	355/65-15	355/65-15	400/60-15
Tyre size. Rear	23X9-10	23X9-10	23X10-12 HL
Wheels. number Front/Rear (x = driven wheels)	2X/2	2X/2	2X/2
Tread. Front	1235.00 mm	1235.00 mm	1318.00 mm
Tread. Rear	1150.00 mm	1150.00 mm	1160.00 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	2715.00 mm	2715.00 mm	2900.00 mm
Maximum fork height	3300.00 mm	3300.00 mm	3300.00 mm
Height. Mast Extended	4325.00 mm	4535.00 mm	4550.00 mm
Height of Overhead Guard	2465.00 mm	2465.00 mm	2465.00 mm
Height of Seat	1415.00 mm	1415.00 mm	1415.00 mm
Overall Length	4325.00 mm	4425.00 mm	4525.00 mm

Length to Forkface	3125.00 mm	3225.00 mm	3325.00 mm
Overall Width	1535.00 mm	1535.00 mm	1650.00 mm
Fork Dimensions	60X150X1200	60X150X1200	60X200X1200
Fork carriage ISO 2328. class/type A.B	III A	III A	III A
Fork carriage width	1400.00 mm	1400.00 mm	1400.00 mm
Ground Clearance, loaded, below mast	180.00 mm	180.00 mm	180.00 mm
Ground Clearance, center of wheelbase	210.00 mm	210.00 mm	210.00 mm
Aisle width for pallets 1.000 x 1.200 crossways	4865.00 mm	5065.00 mm	5365.00 mm
External Turning Radius	2715.00 mm	2915.00 mm	3215.00 mm

Performance

Travel Speed	15.00 km/h	15.00 km/h	15.00 km/h
Lift Speed, loaded/unloaded	280.0/320.0 m/s	250.0/320.0 m/s	220.0/320.0 m/s
Lowering Speed, loaded/unloaded	400.0/300.0 m/s	400.0/300.0 m/s	400.0/300.0 m/s
Max. Gradeability, loaded/unloaded	17.0/18.0 %	15.0/17.0 %	13.0/16.0 %
Service Brake	hydraulic	hydraulic	hydraulic

Electric Engine

Drive motor S2 60 min	12.5 X 2	12.5 X 2	12.5 X 2
Lift motor rating at S3 15%	26.00 kW	26.00 kW	26.00 kW
Battery voltage, nominal capacity K5	80/930-1,085 V/Ah	80/930-1,085 V/Ah	80/930-1,085 V/Ah
Battery weight	2555.00 kg	2555.00 kg	2555.00 kg

Additional Data

Type of drive control	electronic in AC	electronic in AC	electronic in AC
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Operating pressure for attachments	150.00 bar	170.00 bar	150.00 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 2

Safety 4

Serviceability 2

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