



One Tough Animal.

ELECTRIC FORKLIFTS

2.0 to 3.5 ton capacity 4wheel **B20NS / B25NS / B30NS / B35NS**



ONE TOUGH ANIMAL.

► OUR MISSION

We empower operators to accomplish more, while working in the toughest conditions and tightest situations. When our customers have the will, we provide the way.



INTRODUCTION

► BOBCAT'S HISTORY

In 1958, Melroe Manufacturing Company introduced a compact front-end loader that evolved quickly into the M400, the world's first true skid steer loader. The company soon adopted what became the world-famous 'Bobcat' brand – and its success paved the way for the global compact equipment industry we know today.

► YEARS OF EXPERIENCE

In 2021, Bobcat expanded its portfolio by acquiring Bobcat Industrial Vehicle. This specialist in material handling equipment constructed its first forklift in 1968 and went on to establish a global presence with 400 dealers in 93 countries.



► BOBCAT TODAY

Bobcat is expanding its portfolio with the addition of forklifts and reach trucks for the material handling industry. Offering a comprehensive line-up that will meet all your intralogistics needs. Bobcat forklifts and reach trucks are produced in our factory in Korea and China, while our premium quality warehouse equipment is made in Germany.



EXPERIENCE THE FULLY ENHANCED VALUE OF NXE SERIES

► FAR BEYOND THE EXPECTATION,

Bobcat's new BNS series electric forklifts are equipped with various ergonomic design and safety features based on the outstanding performance and durability. It delivers optimal productivity and operator convenience.



► HIGH PERFORMANCE WITH OUTSTANDING DURABILITY

Performance is maximized by combining advanced design and the latest technology. Highly durable main components improve uptime and maintenance cost. P 6-7



► EXCELLENT OPERATOR COMFORT

The various convenience features are equipped as standard, providing more comfortable working environment with less fatigue. P 8-9



► ENHANCED SAFETY

Various safety features prevent unexpected safety accidents and protect operator. P 10-11



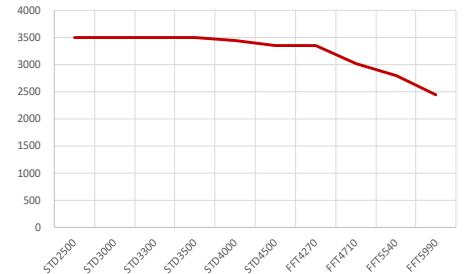
► MAXIMUM UPTIME

The robust components ensure durability and reliability. All primary components are easily accessible, making maintenance simple and efficient. P 13

HIGH PERFORMANCE WITH OUTSTANDING DURABILITY

► ADVANCED DURABILITY FOR YOU AND YOUR OPERATION

The combination of highly-efficient Curtis AC controller, high-performance motor and drive axle maximizes the performance, delivering the highest productivity in various applications.

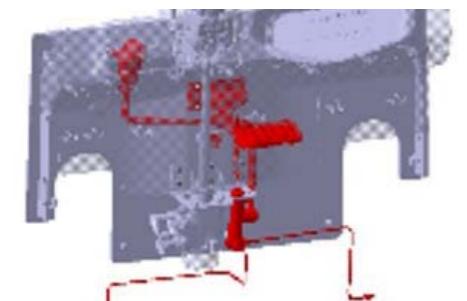


► E-MOTOR FOOT BRAKE (EFB, STANDARD TRIM)



The EFB activates braking by controlling the motor electrically instead of the conventional hydraulic brake. It brings less pedal force and ankle fatigue of operator. The simple brake structure makes it less troublesome and reduces maintenance costs.

► HYDRAULIC SHOE BRAKE



Generates great braking force. Precise control operation possible. Greater braking effort than EFB. Brake fluid management required.

► HIGH RESIDUAL CAPACITY

Various line-up from 2.0ton to 3.5ton.

By increasing the stability, it provides high residual capacity even at a height of 4m.

The system voltage of 3.0t/3.5t model is 80V, allowing more powerful operation when handling heavy loads.

B25NS: 2.1 ton capacity at 4.7m height.

B35NS: 3.0 t capacity at 4.7m height.

► RELIABLE AC CONTROLLER



Curtis AC controller controls driving/hydraulic operation, resulting in optimum power and performance.

IP67 rated water & dust proof feature protects against water even it is sink in depth of 1m underwater.

► RELIABLE PERFORMANCE BY COMBINING ROBUST SINGLE DRIVE AXLE AND LOW NOISE/DURABLE MOTOR



Powerful single drive axle transmits power and torque of motor efficiently. IP54 rated durable AC motor protects motor and its components against liquid from any direction even in the rain.

► TILT CYLINDER BOOTS (OPT)



Prevent inflow of water and corrosion of the tilt cylinder rod.

► STABILITY OPTIMIZED



By applying the H-type axle, the overall layout is optimized and center of gravity is lowered.

It enhances stability so that heavy cargo can be handled stably.





COMFORT

EXCELLENT OPERATOR COMFORT

► EXCELLENT FRONT VISIBILITY

Optimized layout of mast chains & structures provides excellent front visibility.

Front cowl height is lowered to reduce blind spots.

The over head guard thickness and layout are optimized for wide visibility.

Compact steering wheel
Compact steering wheel offers steering convenience and reduces operator fatigue.

Full color display
The full color display has good visibility even in the outside and can grasp the various status of the forklift easily.

► LARGE ENTRY GRIP BAR AND ANTI-SKID STEP PLATE



The size of entry grip bar & step plate are enlarged. It helps safer get on/off.

► VARIOUS CONVENIENCE FEATURES



5V USB power / Document clip
Cup holder / Storage box

► ERGONOMIC OPERATOR COMPARTMENT

Thanks to spacious leg room, operator works at comfortable posture during the long hours of working. Get on/off in a easy and safe way by lowering the height of step & floor plate

► ERGONOMICALLY DESIGNED HYDRAULIC LEVERS WITH FORWARD AND BACKWARD SWITCH



Forward and backward switch is located on the hydraulic lever, enables more convenient switching direction with less movement.

► MAST LOWERING CUSHION



The hydraulic cushion minimizes the impact by reducing the lowering speed at the end.
*2-Stage mast only.

► DUAL BATTERY CONNECTOR



Dual battery connector maximizes convenience of charging. Charger can be connected directly without disconnecting the battery connector.

► LED LIGHT



Bright, long-lasting LED light equipped as standard provides brighter visibility.



Extended knee clearance

ENHANCED SAFETY



GSS (GUARDIAN STABILITY SYSTEM, BASIC)

Automatic speed control
Seatbelt interlock
Anti roll back / Unlimited ramp hold with electronic parking brake
ISO3691 Hyd. locking valve
Operator sensing system
Low battery warning alarm
Turtle mode

GSS PLUS (GUARDIAN STABILITY SYSTEM, OPTIONAL)

Decrease of travel speed (up to 50%) when the mast is raised above the primary stage.
Forward tilt is restricted by 2 degrees when the mast is raised above the primary stage.
Alarm sounds when the mast is raised above the primary stage with the mast tilted more than 2 degrees.

► ANTI ROLL BACK

The controller prevents the forklift from rolling back for 5 seconds when the truck is stopped on a slope.



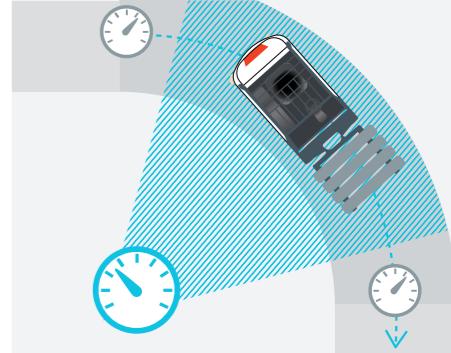
► SEATBELT INTERLOCK

If the seat belt is not fastened, driving and mast operation are restricted to prevent safety accidents.



► AUTOMATIC SPEED CONTROL

It automatically reduces the travel speed when cornering, reducing the risk of accidents or damage.



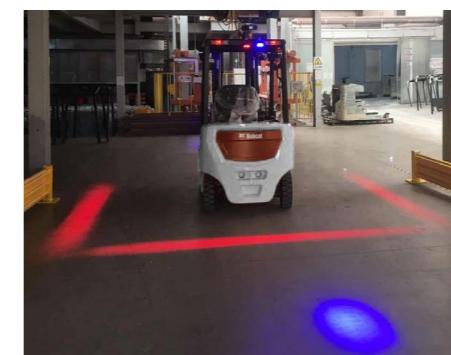
► SAFETY LIGHT (OPTION)

Warning is given to pedestrians by reflecting the blue light.



► FENCE LIGHT (OPTION)

Warning is given to pedestrians by reflecting red lines around the vehicle.



► ISO3691 HYD. LOCKING VALVE

If operator leaves or turns-off the truck, this system will automatically lock the hydraulic function, not allowing lifting, tilting, lowering.



► ELECTRONIC PARKING BRAKE (EPB)

The parking brake is activated automatically after 3 seconds of stopping to prevent accidents. The electronic parking brake (EPB) prevents the forklift from rolling back if the truck is stopped on a slope.



► OSS(OPERATOR SENSING SYSTEM)

OSS function avoids any unintended truck movements when the operator is not seated.
Warning when operator leaves the seat without parking brake.
Warning when operator drives without seatbelt fastened.
Automatically stop the vehicle when operator leaves the seat.



BUILT TO LAST

► EXCELLENT RELIABILITY

Bobcat 7-series PLUS electric forklifts are built tough to provide maximum uptime and dependability thanks to a reliable AC controller, dust & water-resistant parts, and an additional drive motor cover.

► BATTERY SIDE EXTRACT (OPTION)



Side lift in-out: The battery can be replaced by using another forklift from the side.
Side Roll in-out: Rollers are installed on the frame, so battery can be replaced easily with less force.

► FINGERTIP CONTROL (OPTION)



The ergonomically designed fingertip controller enables precise and delicate control in a comfortable position, reducing fatigue and improving productivity.

► AUTO TILT LEVELING (OPTION)



With the auto tilt function, mast can be moved in a vertical position easily during the forward tilting.

► COLD STORAGE (OPTION)



Cold storage option can be equipped along with the working condition. It is possible to work at -20°C environment.

THERE'S NO TIME FOR DOWNTIME. STAND UP TO EVERY TASK THAT COMES YOUR WAY. DAY AFTER DAY.

► WEIGHT SCALE (OPTION)



The weight of the cargo can be easily measured by hydraulic type weight scale sensor.
The measured weight is displayed on the additional display.

► MONO PEDAL (OPTION)



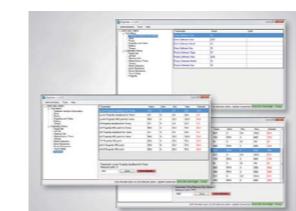
Forward and backward switch function is integrated into the accelerator pedal for quicker and easier forward and backward operation.

► LI-ION BATTERY (OPTION)

Li-ion is the most advanced technology of battery. It has fast charging speed and nearly 4 times longer life cycle than lead-acid battery. It can be recharged quickly during the break time, truck can be operated for a long time, so there is no need to replace the spare battery. No harmful gas is emitted during charging and discharging. It makes cleaner and healthier work place. No need to add distilled water or electrolytes. It reduces maintenance cost in the long term. We provide 5-year or 2,500-cycle warranty.



Easyview
To examine the forklift and set the program with notebook only (without a special tool)



Junction Box
Fuse, CAN port are placed in a spot for quicker access and maintenance.



Hood Locking Cylinder
It helps easy maintenance and prevents safety accident.

Removable Side Cover
By applying knob bolt, Side & rear covers can be disassembled by hand.

SPECIFICATIONS

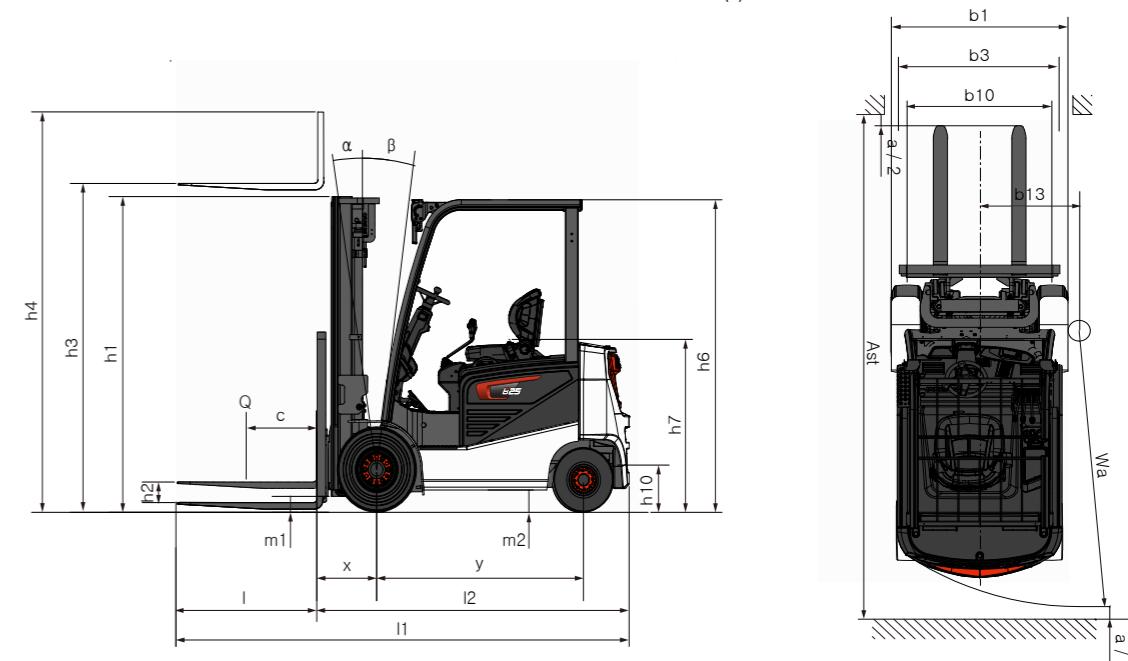
TECHNICAL DATA ACCORDING TO VDI 2198									
CHARACTERISTICS	Bobcat		Bobcat		Bobcat		Bobcat		
	B20NS(Shoe)	B25NS(Shoe)	B25NS(Shoe)	B30NS(Shoe)	B30NS(Shoe)	B35NS(Shoe)	B35NS(Shoe)	B35NS(Shoe)	
1.1 Manufacturer									
1.2 Manufacturer's type designation									
1.3 Drive : electric(battery or mains) ,diesel, petrol ,fuel gas, manual			Electric	Electric	Electric	Electric			
1.4 Operator type : hand, pedestrian, standing, seated, order-picker			Seated	Seated	Seated	Seated			
1.5 Load capacity/rated load kg(lb)	kg	Q	2000	2500	3000	3500			
1.6 Load centre distance	mm	c	500	500	500	500			
1.8 Load distance, centre of drive axle to fork	mm	x	457	457	457	462			
1.9 Wheelbase	mm	y	1560	1560	1710	1710			
WEIGHTS			3810(3910)	4150(4250)	4746(4846)	5230(5330)			
2.1 Service weight (with min. weight of battery)	kg		5190/620(5164/746)	5979/671(5941/809)	6885/861(6958/888)	7760/970(7830/1000)			
2.2 Axle loading, loaded front/rear	kg		1658/2152(1944/1966)	1830/2320(1915/2335)	2206/2540(2279/2567)	2288/2942(2360/2970)			
WHEELS & TYRES			P / SE	P / SE	P / SE	SE			
3.1 Tires: pneumatic (P), superelastic (SE), cushion (C) SE			23X9-10	23X9-10	23x10-12	23x10-12			
3.2 Tire size, front			18x7-8	18x7-8	18x7-8	18x7-8			
3.3 Tire size, rear			2x2	2x2	2x2	2x2			
3.5 Wheels, number front/rear (x=driven wheels)			b10	1019	1019	1014	1014		
3.6 Tread width, front	mm	b11	995	995	995	995			
3.7 Tread width, rear	mm		a / β	6 / 10	6 / 10	6 / 10	6 / 10		
BASIC DIMENSIONS									
4.1 Tilt of mast/fork carriage forward (α)/backward(β)	deg		h1	2045	2045	2045	2045		
4.2 Height, mast lowered	mm		h2	150	150	150	150		
4.3 Free lift	mm		h3	3000	3000	3000	3000		
4.4 Lift (with STD 2-stage mast)	mm		h4	4247	4247	4247	4252		
4.5 Height, mast extended	mm		h6	2180	2180	2180	2180		
4.7 Height to top of overhead guard	mm		h7	1183	1183	1183	1183		
4.8 Seat height/stand height	mm		h10	360	360	360	360		
4.12 Towing coupling height	mm		l1	3360	3400	3570	3600		
4.19 Overall length	mm		l2	2310	2350	2520	2550		
4.21 Overall width	mm	b1		1244(1300)	1244(1300)	1244(1300)	1244(1300)		
4.22 Fork dimensions	mm	s / e / l		45/100/1050	45/100/1050	45/122/1050	50/122/1050		
4.23 Fork carriage ISO 2328. Class/type A, B			II	II	III	III			
4.24 Fork carriage width	mm	b3		1102	1102	1116	1116		
4.24a Fork Spacing (min/max)	mm			250/1032	250/1032	272/1104	272/1104		
4.31 Ground clearance, with load, below mast	mm	m1		140	140	140	140		
4.32 Ground clearance, centre of wheelbase	mm	m2		125	125	125	125		
4.34.1 Aisle width for pallets 1000 x 1200 crossways	mm	Ast		3697	3717	3957	3962		
4.34.1 Aisle width for pallets 800 x 1200 lengthways	mm	Ast		3897	3917	4157	4162		
4.35 Turning radius	mm	Wa		2040	2060	2300	2300		
4.36 Internal turning radius	mm	b13		650	650	677	677		
PERFORMANCE									
5.1 Travel speed, loaded / unloaded	km/h			14/15	14/15	14/15	14/15		
5.2 Lift speed, loaded / unloaded	mm/s			320/450	300/450	280/400	250/400		
5.3 Lowering speed, loaded / unloaded	mm/s			500/460	500/460	380/365	380/365		
5.6 Maximum drawbar pull, loaded / unloaded, 5 minute rating	N			10910 / 10500	10910 / 10700	14460 / 13560	14460 / 13860		
5.8 Maximum gradeability, loaded / unloaded, 5 minute rating	%			15 / 27	15 / 25	15 / 27	15 / 25		
5.10 Service brake		Entry/Standard			Mechanical (Shoe) / Electric				
ELECTRIC					Mechanical / EPB(Electronic parking brake)				
PARKING BRAKE		Entry/Standard							
6.1 Drive motor rating S2 60 minute	kW	Entry/Standard		11/9	11/9	16.6/12	16.6/12		
6.2 Lifting motor rating at S3 15%	kW			12/14	12/14	13.5/16	13.5/16		
6.3 Battery type				Lead-acid	Lead-acid	Lead-acid	Lead-acid		
6.4 Battery voltage/nominal capacity K	V/Ah			48/600	48/600	80/420	80/480		
6.5 Battery weight	kg			1000	1000	1582	1582		
Battery Compartment L/W/H	mm			570x1028x755	570x1028x755	710x1028x745	710x1028x745		
8.1 Type of drive control unit				AC	AC	AC	AC		
10.1 Working press for attachments	bar	System		200	200	200	200		
10.7 Sound level at the driver's ear according to EN 12 053	dB (A)	Attachment		68	68	68	68		
OTHERS									

*Please refer to the technical bulletin and contact your Bobcat representative for more detail information of battery size.

This specification sheet to VDI guideline 2198 only gives the technical figures for the standard truck. Different tires, other masts, additional equipment etc. could give different figures.

STANDARD EQUIPMENT & OPTIONS

STANDARD FEATURES AND OPTIONAL EXTRAS			STANDARD FEATURES AND OPTIONAL EXTRAS	
CHASSIS	ENTRY TRIM (E)	STANDARD TRIM (S)	PRODUCTIVITY	E S
Line up			Dual battery connector	• ✓
System voltage			SLIO(Side lift in-out)	• •
Controller			SRIO(Side battery roll in-out)	• •
Drive/HYD motor			Auto tilt leveling	• •
Service brake	Mechanical (Shoe)	Electric	Weight scale	• •
Parking brake	Mechanical	Electric	Mono pedal	• •
CONTROL VALVE	E	S	Li-ion battery	• •
Lever type, Deck mounted	✓	-	SERVICEABILITY	E S
Lever type, Deck mounted, ISO3691	•	-	Hood -locking type	✓ ✓
Lever type, Deck mounted, F/R switch, ISO3691	-	✓	Toolless side cover	✓ ✓
Fingertip, ISO3691	-	•	DURABILITY	E S
SEAT	E	S	Tilt cylinder boots	• •
Basic - Static/Suspension	(1)	(2)	Under cover	• •
Deluxe(Sears) - Static/Suspension	•	•	SAFETY	E S
Premium(Grammer)	-	•	GSS system (Basic)	✓ ✓
LIGHT	E	S	- Cornering speed control	✓ ✓
Font light -LED	✓	✓	- Seatbelt interlock	✓ ✓
Font light -LED with combi lamp	•	•	- OSS (Operator sensing system)	✓ ✓
Rear light - LED	•	•	- Anti roll back / Unlimited ramp hold	✓ ✓
Strobe light	•	•	- Turtle mode	✓ ✓
CONVENIENCE	E	S	- Low battery warning alarm	✓ ✓
Ergonomic operator compartment	✓	✓	Rear grip bar with horn	• •
Large entry grip bar	✓	✓	Rear view mirror (Side / Panoramic)	• •
Tilting steering column	✓	✓	Front steel mesh guard	• •
USB power socket	✓	✓	Safety light - Front / Rear	• •
Document clip/Cup holder/Storage box	✓	✓	Fence light - Around	• •
Compact steering wheel	✓	✓	Mast lift speed control	• •
Display	(3)	(4)	GSS PLUS system (Optional)	• •
NFC Tag Start	•	•	• = option ✓ = standard - = not available (1) Static (2) Suspension (3) Mono color (4) Full color	



YOUR TRUSTED BUSINESS PARTNER

Your machine builds your business and reputation. Everything we put into Bobcat equipment is designed to make this possible. Strength, versatility, or agility, it's built around you.

145 MACHINES / 46 PRODUCT FAMILIES / 1 TOUGH ANIMAL



SKID-STEER LOADERS



COMPACT TRACK LOADERS



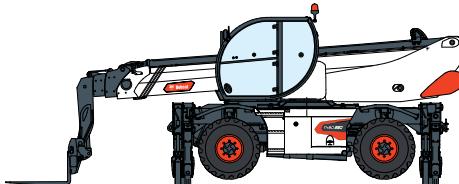
COMPACT WHEEL LOADERS



FORKLIFTS



TELEHANDLERS



ROTARY TELEHANDLERS



LIGHT COMPACTION EQUIPMENT



COMPACT EXCAVATORS



COMPACT TRACTORS



SMALL ARTICULATED LOADERS



MINI TRACK LOADER



MOWERS



ATTACHMENTS