

# **ELECTRIC FORKLIFTS**

7-Series, 4 to 5 ton capacity

**⊕** EMEA



### 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 Doosan 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 lineup that will meet all your intralogistics needs. Bobcat forklifts and reach trucks are produced in our factory in South Korea, while our premium quality warehouse equipment is made in Germany.

### **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.



# TOUGH, AGILE & SAFE

#### **PREADY TO GIVE YOUR BUSINESS A LIFT**

Offering a dual traction motor, Curtis controller, and responsive acceleration, our forklifts are designed to optimize performance. And their dust and water resistance, oil-cooled disc brakes, and range of convenience options provide all-day comfort and dependability.



Good roof visibility for enhanced operator vision while lifting



Oil-cooled disc brakes for maximum productivity and uptime



### **▶** OUTSTANDING PRODUCTIVITY

Experience outstanding driving performance with a compact turning radius, excellent visibility, and a powerful motor system, enhancing overall productivity.

P. 6-7



#### ► ALL-DAY COMFORT

Enjoy the ergonomically designed adjustable steering and seats with optional fingertip control.

P. 8–9



#### **SAFETY IN EVERY MOVE**

This series comes equipped with Anti-Rollback, Turtle Mode, and curve speed control. These features prevent potential hazards, providing a secure and safe work environment.

P. 10-11



#### **▶** MAXIMUM UPTIME

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

P. 12-13

### **OUTSTANDING PRODUCTIVITY**





#### **EXCELLENT VISIBILITY**

Thanks to the precisely designed overhead guard with angled roof bars and the excellent visibility through the mast, you have the best view on the task at hand and accomplish more every day.

**▶** POWERFUL TRACTION AND PUMP MOTOR SYSTEM Improve your performance and productivity with the help of a powerful pump motor system, which provides high traction and torque.





#### **EASY SIDE BATTERY REMOVAL**

The battery changing system enables fast and easy battery exchange using Side Roll-In/Out or Side Lift In/Out methods. This allows for multi-shift operations to be conducted efficiently.

### **▶** SMOOTH ACCELERATION & POWERFUL BRAKING

Acceleration starts slowly for safe and precise control. As you drive faster, acceleration increases for better productivity. The ergonomically positioned pedal effortlessly controls the reliable and strong braking power of the oil-cooled disc brakes.

### **COMFORT & CONTROLS**



#### **▶ PREMIUM ADJUSTABLE SEAT**

Thanks to the adjustable suspension seat, our forklifts provide exceptional comfort even during long shifts. For additional convenience, you can equip your seat with a heating system to keep operators warm in colder environments.



#### **▶** ADJUSTABLE COLUMN

The ergonomic steering wheel column features step-less adjustment to let operators position it exactly where they need to.



#### **▶ INTUITIVE INSTRUMENT PANEL**

Check the truck's performance settings on the go with the simple touch of a button.



#### **CONVENIENCE TRAY**

For maximum convenience, a large cup holder, USB port, 12 V power outlet, clipboard holder, and more are placed comfortably within your reach.

#### **EASY ACCESS**



The anti-slip step provides a comfortable and safe way to hop on and off for peace of mind.

#### **WELL-PLACED HANDLES**



Thanks to the well-placed entry bar and handles, stepping in and out of your vehicle is as quick and comfortable as it gets.

#### **EMERGENCY SWITCH**



The emergency switch is always within your reach, ready to be pressed easily in case of emergency.



### **SAFETY IN EVERY MOVE**

#### **SAFETY COMES STANDARD**

Bobcat forklifts have safety embedded in their DNA. Packed with tons of features that protect your health and your investment, these machines give you peace of mind in every task, every day.

#### **▶** ANTI-ROLL-BACK

The anti-roll-back feature prevents the forklift from rolling back for 5 seconds when the truck is stopped.

#### **TURTLE MODE**

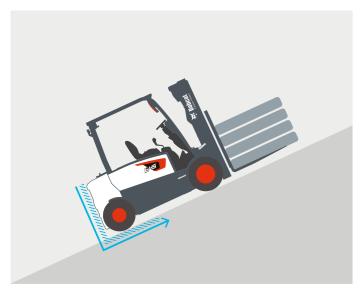
To make warehouse operations more secure, activate Turtle mode to decrease the truck's travel speed to a preset level while maintaining lift speed.

#### **EMERGENCY SWITCH**

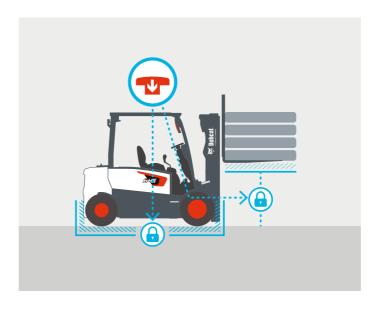
The emergency switch is always within your reach, ready to be pressed in case of emergency.

#### **GUARDIAN STABILITY SYSTEM**

Our optional Guardian Stability System (GSS) adds an extra level of safety to your business. When the mast is lifted above its primary stage, the travel speed is reduced by 50%, and the forward tilt is limited to a maximum of 2 degrees.









#### MAST LOWERING INTERLOCK & TILT LOCK

When the operator leaves the truck unattended, the hydraulic locking system prevents unintentional lowering and tilting of the mast. This keeps the truck, load, and work array safe.

#### ► AUTOMATIC SPEED CONTROL

The automatic speed control manages travel speeds when turning sharply – automatically slowing the truck down when cornering to reduce the risk of accidents or damage.

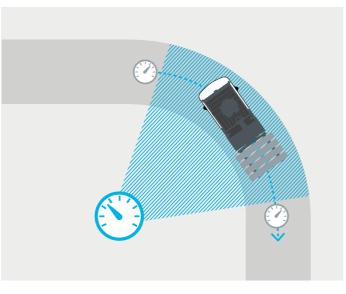
### **▶ LARGE PANORAMIC MIRROR**

Providing great visibility of the rear working area, the large panoramic mirror improves safety and adds to your overall productivity at the same time.

#### **LED LIGHTING SYSTEM**

The LED lights illuminate even the darkest corners of your workplace, providing a safe and clear view of your surroundings.









## **BUILT TO LAST**

#### **DESIGNED TO ENDURE**

Bobcat 7-Series Electric Forklifts are built tough to provide maximum uptime and dependability, thanks to the reliable AC controller, dust- & water-resistant parts, and an additional drive motor cover.



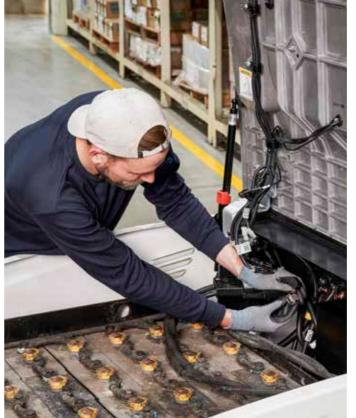
## THERE'S NO TIME FOR DOWNTIME. STAND UP TO EVERY TASK THAT COMES YOUR WAY, DAY AFTER DAY.



#### WARRANTY

Bobcat develops every machine to the highest standards of quality and durability. That's why our standard warranty provides 24 months or 2 000 operating hours (whichever occurs first) of coverage.







#### **▶ PROTECTION PLUS EXTENDED WARRANTY**

Enjoy total peace of mind with Protection Plus extended warranty. Providing the same level of protection as the standard warranty, Protection Plus also reflects different customer needs and expectations by offering a choice of durations and annual operating hours.

#### **EXTENSIVE DEALER NETWORK**

You can rely on our network of dealers and service partners who are always ready to help you.

#### **BOBCAT GENUINE PARTS**

Quality components delivered to our dealers guarantee that all of our equipment is built to last, withstand the toughest conditions and provide reliable performance.

### **SPECIFICATIONS**

| TECHNICAL DATA ACCORDING TO VDI 2198                         |     |                         |                             |               |               |  |
|--|-----|-------------------------|-----------------------------|---------------|---------------|--|
|  |     | B40X-7                  | B45X-7                      | B50XC-7       | B50X-7        |  |
| CHARACTERISTICS  |     |                         |                             |               |               |  |
| Load capacity/rated load (kg)                                | Q   | 4 000                   | 4 500                       | 4 990         | 5 000         |  |
| Load center distance (mm)                                    | С   |                         | 50                          | 00            |               |  |
| Load distance, center of drive axle to fork (mm)             | Х   | 572                     |                             |               |               |  |
| Wheelbase (mm)   | у   | 2 000                   |                             |               |               |  |
| Service weight (with min. weight of battery) (kg)            |     | 7 012                   | 7 427                       | 7 734         | 7 763         |  |
| Tread width, front (mm)                                      | b11 | 1 168                   |                             | 1 160         |               |  |
| Tread width, rear (mm)                                       | b12 | 1 111                   |                             |               |               |  |
| Tilt of mast/fork carriage forward (α) / backward(β) (deg)   | α/β |                         | 6                           | / 9           |               |  |
| Height, mast lowered (mm)                                    | h1  | 2 050                   | 2 050 – 3 615 2 050 – 3 410 |               | - 3 410       |  |
| Free lift (mm)   | h2  | 160 –                   | 1 540                       | 160 – 1 685   | 160 – 1 535   |  |
| Lift height (mm)   | h23 | 3 000 -                 | 000 - 6 050 3 000 - 6 500   |               | - 6 500       |  |
| Height, mast extended (mm)                                   | h4  | 4 240                   | <b>-</b> 7 330              | 4 240 – 7 780 | 4 390 - 7 930 |  |
| Height to top of overhead guard (mm)                         | h6  | 2 345                   |                             | 2 350         |               |  |
| Seat height/stand height (mm)                                | h7  | 1 297                   |                             | 1 303         |               |  |
| Overall length (mm)  | l1  | 4 (                     | 4 007 4 037                 |               | 037           |  |
| Length to face of forks (mm)                                 | 12  | 2 957 2 987             |                             |               | 987           |  |
| Overall width with single tires (mm)                         | b1  | 1 470                   |                             |               |               |  |
| Overall width with double tires (mm)                         |     | 1 735                   |                             |               |               |  |
| Fork carriage ISO 2328. Class/type A, B (mm)                 |     |                         | IIIA                        |               | IVA           |  |
| Ground clearance, with load, below mast (mm)                 | m1  | 120                     |                             | 130           |               |  |
| Ground clearance, center of wheelbase (mm)                   | m2  | 160                     |                             |               |               |  |
| Turning radius (mm)  | Wa  | 2 620 2 645             |                             | 645           |               |  |
| Internal turning radius (mm)                                 | b13 | 877                     |                             | 879           |               |  |
| Travel speed, loaded / unloaded (km/h)                       |     | 15 / 16                 |                             |               |               |  |
| Lift speed, loaded / unloaded (m/s)                          |     | 0.35 / 0.47             |                             | / 0.47        |               |  |
| Lowering speed, loaded / unloaded (m/s)                      |     | 0.48 / 0.45             |                             |               |               |  |
| Maximum drawbar pull, loaded / unloaded, 5 minute rating (N) |     | 18 620 / 18 620         |                             |               |               |  |
| Maximum gradeability, loaded / unloaded, 5 minute rating (%) |     | 17 / 27 16 / 26 15 / 25 |                             |               |               |  |
| Battery voltage/nominal capacity K5 (V/Ah)                   |     | 80 / 720                |                             |               |               |  |

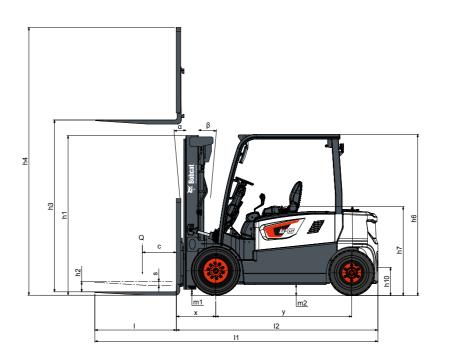
## **STANDARD EQUIPMENT & OPTIONS**

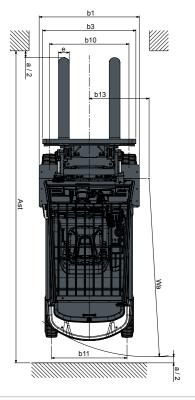
| SAFETY & STABILITY   |   |
|--|---|
| Oil-cooled disc brakes                                     | ✓ |
| LED lights   | ✓ |
| Emergency stop switch                                      | ✓ |
| OSS (Operator Sensing System)                              | ✓ |
| Anti-roll-back   | ✓ |
| Curve speed control  | ✓ |
| Low battery warning alarm                                  | ✓ |
| Seat belt indicator  | ✓ |
| Turtle mode  | ✓ |
| Mast lowering interlock & tilt lock (ISO 3691)             | ✓ |
| Guardian Stability System (GSS)                            | • |
| Blue rear safety light                                     | • |
| Additional rear light                                      | • |
| Strobe light   | • |
| Hazard switch  | • |
| Panoramic mirror and/or rear view mirrors                  | • |
| Backup alarm   | • |
| Hydraulic accumulator                                      | • |
| NFC start tag  | • |
| PRODUCTIVITY   |   |
| Full AC system chassis                                     | ✓ |
| Hydraulic cushioned valve in freelift cylinder (FFL & FFT) | ✓ |
| Excellent visibility through mast                          | ✓ |
| Rounded design counterweight                               | ✓ |
| Smooth and responsive acceleration                         | ✓ |
| Weight indicator hydraulic sensing type                    | ✓ |
| Autotilt leveling  | • |
| Battery lift/roll in and out system                        | • |
| Quick couplings  |   |

| STANDARD EQUIPMENT & OPTIONS   |   |  |
|--|---|--|
| ERGONOMICS   |   |  |
| Large entry step with anti-slip pattern                                | ✓ |  |
| Large & angled floor plate (leg room) with rubber mat                  |   |  |
| Rounded design battery hood cover                                      |   |  |
| Easy to read instrument panel  | ✓ |  |
| Adjustable tilt steering column & easy grip (Ø280 size) steering wheel | ✓ |  |
| Convience tray with cup holder, USB port & 12 V jack & clip board      | ✓ |  |
| Hydraulic levers   | ✓ |  |
| Fingertip  | • |  |
| Steering wheel knob  | • |  |
| Low overhead guard   | • |  |
| Mono pedal   | • |  |
| Directional switch on main control valve                               | • |  |
| Selection of suspension seats (Grammer)                                | • |  |
| RELIABILITY  |   |  |
| P65 rated curtis controller  | ✓ |  |
| Robust frame structure & strong structure overhead guard               | ✓ |  |
| Oil-cooled disc brakes   | ✓ |  |
| P43 rated drive & pump motors  | ✓ |  |
| P54 rated drive & pump motors  | • |  |
| Tilt cylinders bellows   | • |  |
| SERVICEABILITY   |   |  |
| Easy to access controller  | ✓ |  |
| Wide open battery hood cover   | ✓ |  |
| Tool-less removable side cover   | ✓ |  |
|  | 1 |  |

for specific countries.

• = option  $\checkmark$  = standard - = not available





Specification values quoted in this specification sheet have been rounded. Performance may vary depending on operating conditions. Products and specifications are subject to improvement and change without prior notice.

(1) Mast dimensions with load backrest refer to a range from the lowest to highest available mast.



### 340 MACHINES / 150 ATTACHMENT FAMILIES / 1 TOUGH ANIMAL







KID-STEER COMPACT TRACK LOADERS LOADERS

COMPACT WHEEL LOADERS



**FORKLIFTS** 



**TELEHANDLERS** 



**ROTARY TELEHANDLERS** 



LIGHT COMPACTION EQUIPMENT



COMPACT EXCAVATORS



COMPACT TRACTORS



SMALL ARTICULATED LOADERS



MINI TRACK LOADER



**MOWERS** 



PORTABLE POWER

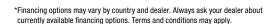


**ATTACHMENTS** 

**Bobcat** 







Doosan Bobcat EMEA, U Kodetky 1810, 263 12 Dobříš, Czech Republic