



**Bobcat**<sup>®</sup>

*One Tough Animal.*

# DIESEL FORKLIFTS

9-Series, Pneumatic, 10.0 to 16.0 ton capacity

🌐 EMEA



# 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 furthered its reach by acquiring Doosan Industrial Vehicle, increasing its capacity to provide customers with comprehensive business solutions. With Doosan's expertise in material handling and warehouse equipment dating back to its inaugural forklift in 1968, the company has established a global presence, with 400 dealers across 93 countries.



**BOBCAT TODAY**

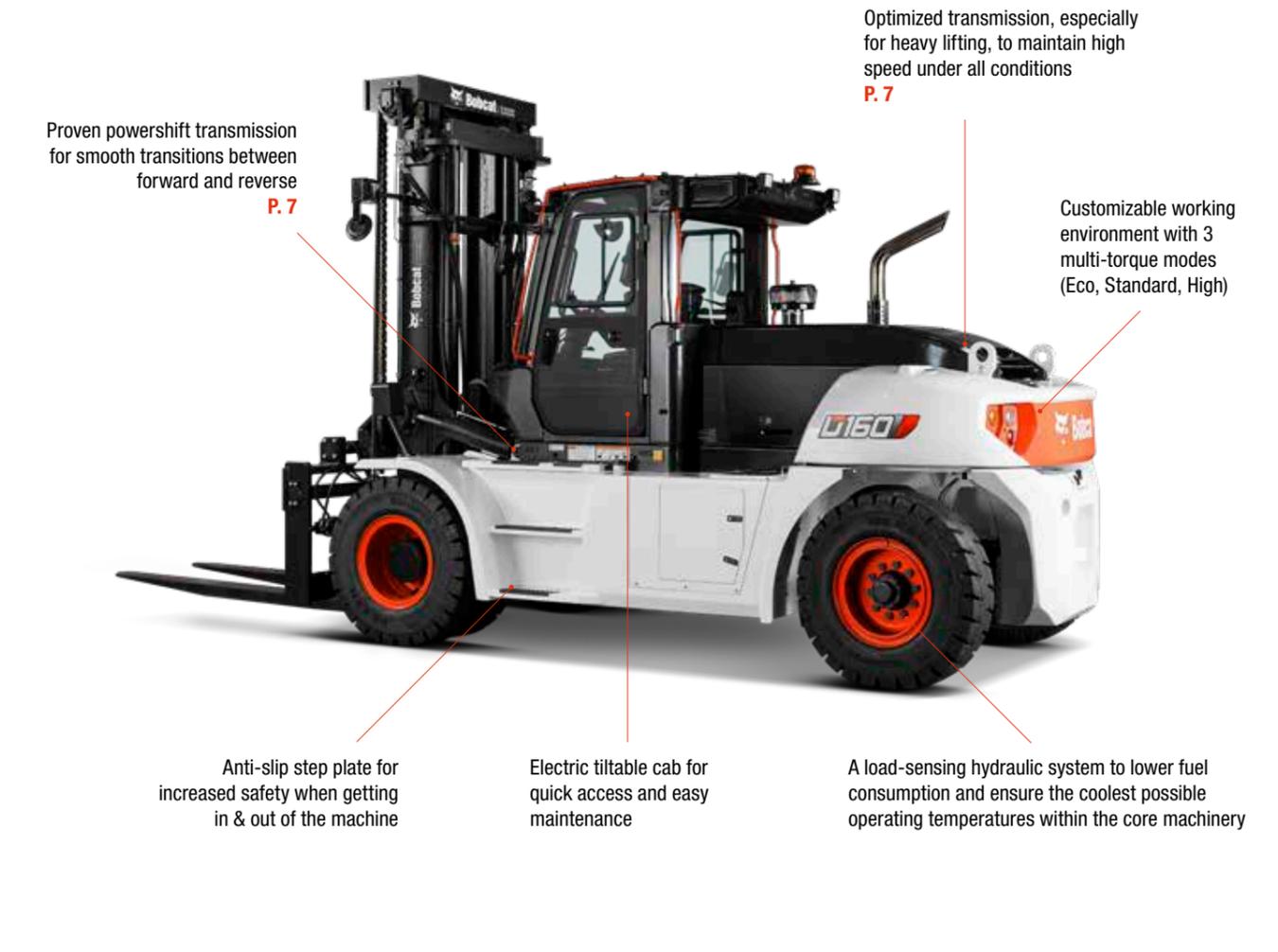
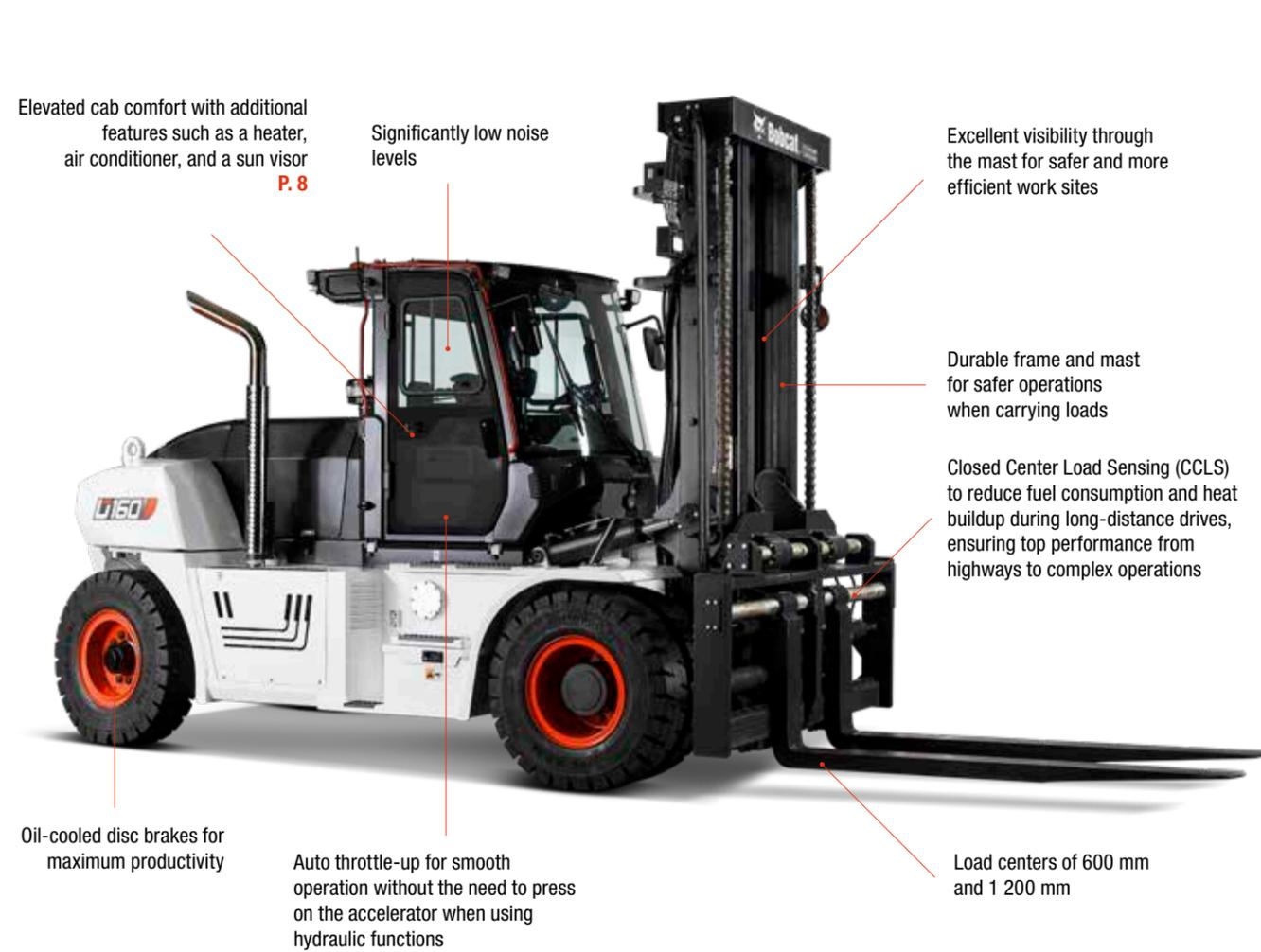
Now, with a diversified portfolio that includes forklifts and warehouse equipment, Bobcat serves as a one-stop solution for intralogistics needs, from loading shipping containers to optimizing warehouse operations. Produced in its South Korean factory, Bobcat's material handling machines offer the precision and durability customers expect.



# TOUGH, AGILE & SAFE

## ► READY TO GIVE YOUR BUSINESS A LIFT

Give your business a boost with a diesel forklift that checks all the boxes: a high-performance, powerful, and efficient engine, smooth and variable controls, and a comprehensive set of safety features. A rugged, dependable machine that's easy to service, ensuring a low total cost of ownership.



### ► ULTIMATE PRODUCTIVITY

Achieve greater daily productivity with high-performance engines featuring a 3-speed powershift transmission. With 129 kW of power, tackle heavy tasks more efficiently and boost overall productivity.

**P. 6-7**



### ► ALL-DAY COMFORT

Work through the shift in comfort and with less fatigue, thanks to many quality-of-life features as standard, including a suspension seat with interlock, color display, plenty of leg room, anti-slip plate, and more.

**P. 8-9**



### ► DRIVEN BY SAFETY

Enjoy peace of mind provided by the machine's excellent all-around visibility, superb stability, and a full suite of smart safety features.

**P. 10-11**



### ► MAXIMUM UPTIME

Minimize the total cost of ownership with longer service intervals and high-quality Bobcat genuine parts and consumables, which offer excellent value for money and help your machine run smoother and longer.

**P. 12-13**

# OUTSTANDING PRODUCTIVITY



### ▶ POWERFUL DIESEL ENGINES

Experience outstanding performance with a fuel-efficient HDI engine and dependable components, providing high-end torque at low engine rpm, while ensuring reduced fuel consumption.

### ▶ SUPERB GRADEABILITY AND DRAWBAR PULL

Leveraging the latest engine technology and optimal synchronization between the drivetrain and hydraulic system, our current model delivers significantly high drawbar pull and gradeability.



### ▶ ENHANCED PERFORMANCE AND EFFICIENCY

Harness the 3-speed powershift transmission with a full electric auto-shift controller for superior power efficiency. You'll also enjoy a 5% boost in fuel efficiency, thanks to optimized engine matching for better responsiveness, powerful performance, and smooth gear shifts. Plus, enjoy easy maintenance with a self-diagnosis system.

### ▶ FINE-TUNED POWERTRAIN

Unleash the power of productivity with our forklift's robust powertrain. Crafted with durable, high-quality components, our powertrain elevates efficiency and performance to propel your business forward.

# COMFORT & CONTROLS



## ▶ EASILY ADJUSTABLE SEAT & COLUMN

The premium suspension seat provides ample space for the operator with all-day comfort during long shifts. The seat and the steering wheel column are easy to adjust so that every operator feels right at home in the cab.



## ▶ OPTIMAL COMFORT

Experience peak comfort in the cab designed for operator ease, featuring accessible switches, ergonomic design, and spacious entry. With reduced noise, improved visibility, and added features like a heater and air conditioner (HVAC), the operator stays comfortable all shift long.



## ▶ MULTI-FUNCTIONAL 7" DISPLAY

This forklift features the largest display in its class for superior operability and visibility. Integrated with a rear-view camera display, it offers a weight indicator option, diagnostic functions, and choices for front and rear-view cameras. It also provides PIN code access and an integrated maintenance management program.



## ▶ USER-FRIENDLY CLIMATE

Enjoy complete comfort with this system's automatic temperature regulation, which combines heating, cooling, and ventilation controls. The all-in-one heating and air conditioning system delivers top-notch performance with dual evaporators.

## ▶ CENTRALIZED SWITCHES



All control switches are conveniently arranged in a single location to enhance the operator's machine control.

## ▶ FINGERTIP CONTROLS



Control the machine with precision while reducing fatigue with the ergonomic fingertip controller.

## ▶ QUIETER OPERATIONS



Upgrade operator comfort with the pressurized cab's two large air filters that effectively keep dust out. Plus, enjoy minimal noise at the driver's ear and reduced vibrations.



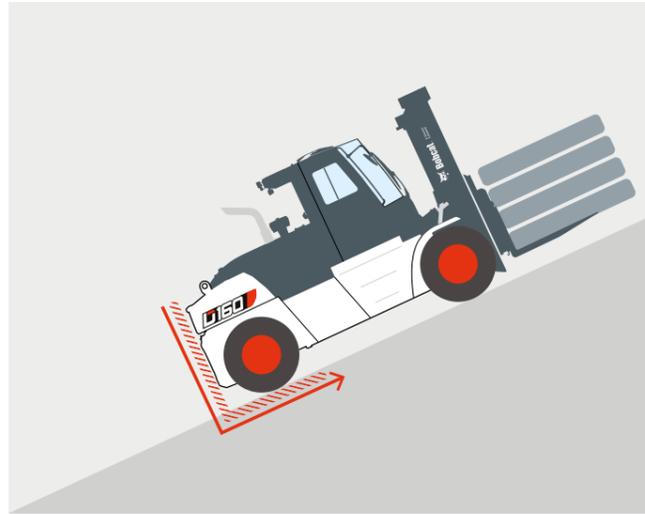
# SAFETY IN EVERY MOVE

## ▶ ADVANCED PROTECTION FOR YOU AND YOUR OPERATION

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

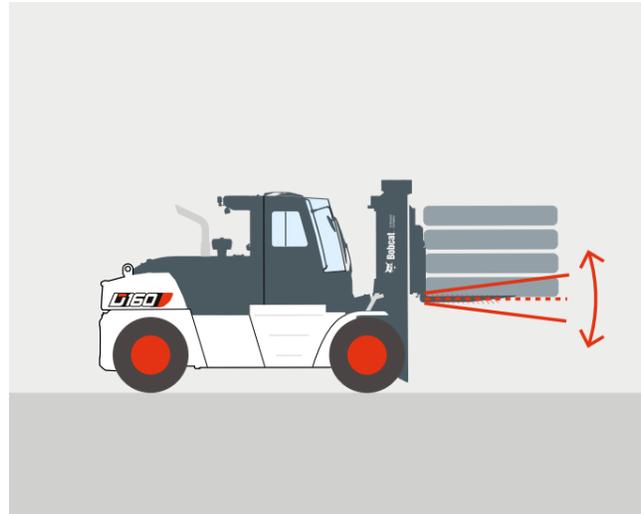
### ▶ HILL START ASSIST (HSA)

The Hill Start Assist (HSA) ensures stability and prevents rollbacks by automatically activating the parking brake on slopes.



### ▶ AUTO TILT LEVELING

The auto tilt leveling automatically adjusts the fork angle to keep loads stable and level on uneven surfaces or slopes, allowing for more controlled handling of materials.



### ▶ WEIGHT SCALE

With the help of an integrated weight scale, operators can prevent truck overload, keeping the workplace safer and more secure.



### ▶ REAR GRAB BAR WITH HORN

The rear grab bar provides stability during reverse maneuvers and tight space navigation. Plus, the horn can be easily activated with the push of a button conveniently located on the bar.



### ▶ REAR DETECTOR

The rear detector alerts the operator to obstacles behind the vehicle when traveling in reverse.



### ▶ GROUND SPEED CONTROL

Setting up a speed limit prevents the truck from going too fast. This limit can be customized for both forward and reverse directions.



### ▶ LARGE PANORAMIC AND REAR-VIEW MIRRORS

The large panoramic and rear-view mirrors provide excellent visibility to the rear working area, enhancing safety while contributing to overall productivity.



### ▶ POWERFUL LED LIGHTS

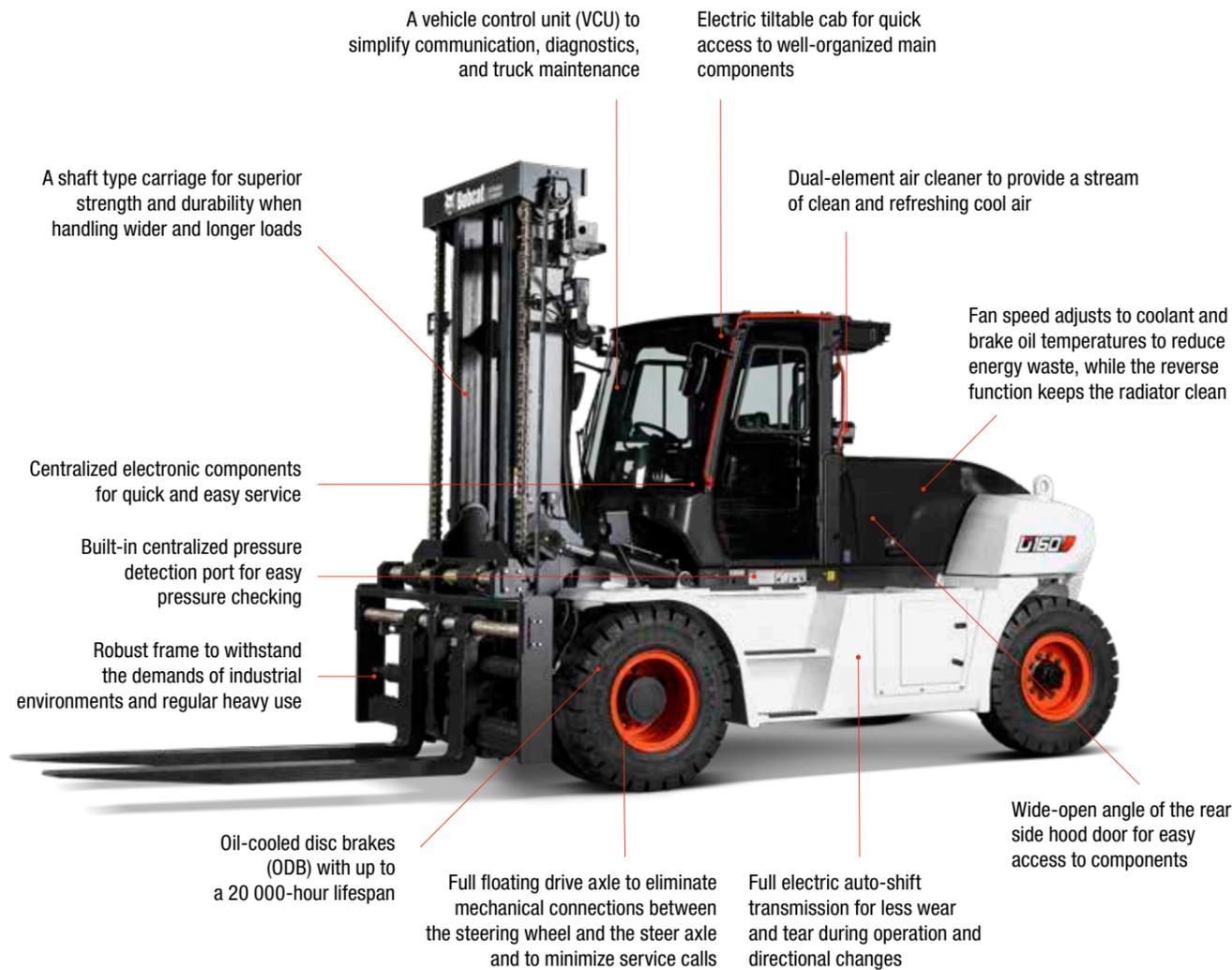
The LED lights are powerful enough to light up even the darkest places in your workplace, ensuring you are always aware of your surroundings.



# BUILT TO LAST

## ▶ EXCELLENT RELIABILITY

With a robust engine featuring an auto-shift transmission, full floating drive axle, and shock-absorbing hydrostatic power steering, the Bobcat 9-Series Diesel forklift's heavy capacity is engineered to endure, ensuring maximum uptime and unwavering dependability.



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

## 2 YEAR WARRANTY

### ▶ 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

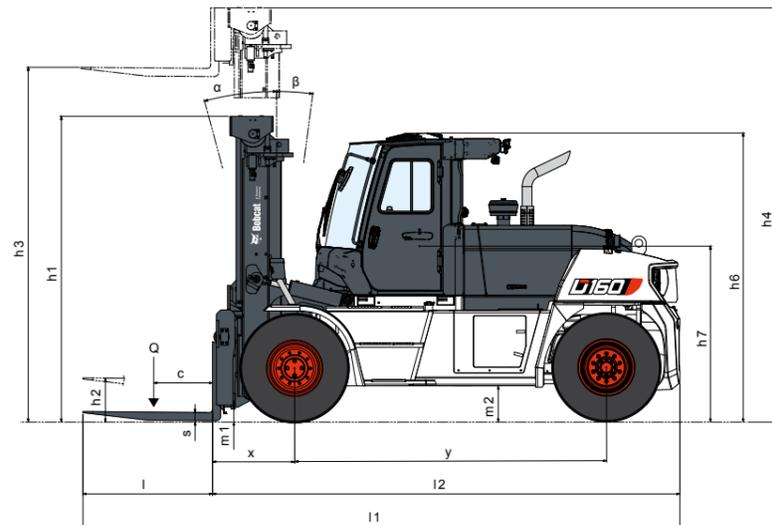
You can rely on our network of dealers and service partners who are always ready to help you.

### ▶ 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.

# MAIN SPECIFICATIONS

TECHNICAL DATA ACCORDING TO VDI 2198						
		D100S-9	D120S-9	D140S-9	D160S-9	DV160S-9
Drive		Diesel				
Load capacity (kg)	Q	10 000	12 000	14 000	16 000	16 000
Load center (mm)	c	600				
Load distance: center of drive axle to fork (mm)	x	755	770	815	815	985
Wheel base (mm)	y	3 000			3 250	3 750
Service weight (kg)		15 278	16 278	18 300	19 300	23 523
Tread, front (mm)	b11	1 724		1 825	1 858	
Tread, rear (mm)	b12	1 910		1 950	1 976	
Tilt of mast / fork carriage forward/backward (°)	α/β	15 / 12				10 / 10
Height, mast lowered (mm)	h1	2 715 – 4 665		2 930 – 6 320		2 940 – 4 745
Free lift (mm)	h2	1 380 – 2 050	1 390 – 2 060	1 380 – 2 145	1 385 – 2 150	1 550 – 2 050
Lift (mm)	h3	2 500 – 6 000		3 000 – 8 500		3 000 – 6 000
Height, mast extended (mm)	h4	3 965 – 7 500		4 670 – 7 635		4 715 – 7 430
Height over overhead guard (mm)	h6	2 830		2 860		
Height of seat (mm)	h7	1 800		1 830		
Overall length	l1	5 840	5 850	6 180	7 955	
Length to fork face (mm)	l2	4 490	4 500	4 830	5 555	
Overall width (mm)	b1/b2	2 350		2 490	2 540	
Ground clearance, loaded, below mast (mm)	m1	240		235	200	
Ground clearance, loaded, center of wheel base (mm)	m2	315		345		
Inner turning radius (mm)	b13	1 567		1 665	1 874	
Travel speed, loaded / unloaded (km/h)		36 / 41	35 / 40	30 / 35	29 / 34	34 / 39
Lift speed, loaded / unloaded (mm/s)		460 / 490	450 / 490	410 / 460	400 / 460	390 / 460
Lowering speed, loaded / unloaded (mm/s)		430 / 410				
Drawbar pull, loaded at 1.6 km/h (kg)		11 544	11 474	12 534	12 464	12 504
Gradeability, loaded at 1.6 km/h (%)		51	44	43	38	32.4
Engine manufacturer / type		HDI DL06V				
Engine power (kW/rpm)		128.7				139.7
Rated speed (min <sup>-1</sup> )		2 100				
Torque at 1/min (N•m)		725.7 / 1 400				784.5 / 1 400
Number of cylinders / displacement (cc)		6 / 5 890				



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.

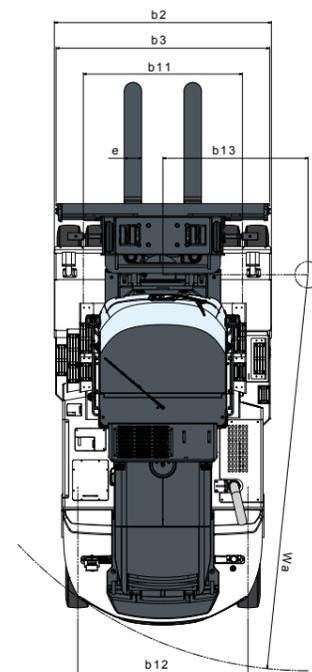
(1) Mast dimensions refer to a range from the lowest to highest available mast with load backrest.

Note: Load capacities are based on the standard chassis without side shifter.

# STANDARD EQUIPMENT & OPTIONS

STANDARD EQUIPMENT & OPTIONS	
<b>PRODUCTIVITY</b>	
Powerful engine compliant with Euro Stage IV	✓
Power steering	✓
3-speed ZF transmission (Autoshift)	✓
Closed Center Load Sensing (CCLS)	✓
Auto-throttle	✓
Multi-torque mode (Eco/Std/High)	✓
<b>SAFETY</b>	
Excellent visibility	✓
Electronic parking brake	✓
Back-up alarm	✓
Hill Start Assist (HSA)	✓
Speed limit	✓
Rear-view mirror (LH/RH) / Heated mirror	✓
Front and rear combination LED lights (with hazard switch)	✓
Guardian Stability System (GSS)	•
Seat belt interlock	•
Safety blue light (always on or activated by gear)	•
4 <sup>th</sup> lever interlock for attachment	•
Front camera, rear-view camera	•
Weight systems (hydraulic / load cell)	•
Auto tilt leveling	•
Rear object detection system with beep sound	•
Siren and microphone	•
Ground speed control	•
2 front/rear LED lights (on operator compartment)	•
Additional front/rear light on mast/counterweight	•
Strobe light	•

STANDARD EQUIPMENT & OPTIONS	
<b>RELIABILITY</b>	
Oil-cooled disc brakes (ODB)	✓
Dual element air cleaner	✓
Precleaner	✓
Full autoshift transmission	✓
Rigid drive axle	✓
Waterproof connectors	✓
Integrated type vehicle control unit (VCU)	✓
Fan driving system	✓
½" attachment hose	✓
Side panel with pressure check package	✓
Mudguard for front and rear tires	•
Under protection (belly plate)	•
Under protection (engine guard)	•
<b>ERGONOMICS</b>	
Suspension seat with arm rest	✓
7" multi-functional display (full color)	✓
Telescopic steering column (with tilting)	✓
Rear grab bar with horn	✓
Power jack and USB port	✓
Key switch	✓
Full cab	•
Fingertip (3-way, 4-way, 5-way)	•
HVAC system (Heating, Ventilation & Air conditioner)	•
Audio (DAB type radio, MP3 )	•
Operator fan	•
Push to start with pin code	•
Lift eyes	•
<b>SERVICEABILITY</b>	
Tiltable operator compartment	✓
Wide hood open range	✓
EasyView	✓
Centralized pressure detection port	✓
Junction box	✓
Manual / electric cab tilting	✓
Battery disconnect switch	✓
Hydraulic pressure check package	•
Tankless air compressor	•
Automatic reversible cooling fan	•



\*This list is based on factory data. Standard or optional can vary for specific countries.

• = option  
 ✓ = standard  
 – = not available

# FINANCING OPTIONS

## 24, 36, OR 48 MONTH FINANCING\*

Take advantage of 24, 36 or 48 month financing programs starting from **0% interest** and improve your cashflow.

Ask your dealer for the financing offers available.

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



**SKID-STEER  
LOADERS**



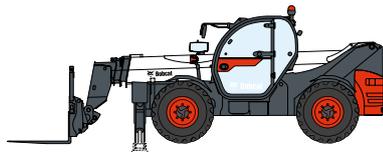
**COMPACT TRACK  
LOADERS**



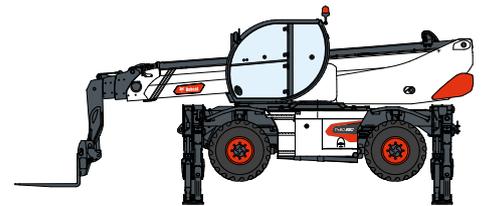
**COMPACT WHEEL  
LOADERS**



**FORKLIFTS**



**TELEHANDLERS**



**ROTARY TELEHANDLERS**



**LIGHT COMPACTION  
EQUIPMENT**



**COMPACT  
EXCAVATORS**



**COMPACT  
TRACTORS**



**WAREHOUSE  
EQUIPMENT**



**MINI TRACK  
LOADER**



**MOWERS**



**PORTABLE  
POWER**



**ATTACHMENTS**

**DOOSAN**

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\*Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.

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