



PNEUMATIC TIRE IC (DIESEL) FORKLIFTS

22,000-36,000 LB. CAPACITY: D100S-9 | D120S-9 | D140S-9 | D160S-9 | DV160S-9





READY TO GIVE YOUR **BUSINESS A LIFT**

WHEN THE JOB – AND YOUR BOTTOM LINE – DEMANDS POWER, PERFORMANCE AND EVERYDAY RELIABILITY, BOBCAT® D100-DV160S-9 FORKLIFTS CHECK EVERY BOX.

These machines boost business productivity with high-output diesel engines, increased control and enhanced reliability. They're engineered to move more with less hassle – while keeping costs low with rugged durability and ease of maintenance.

TRUST BOBCAT TO GET IT DONE.

POWERFUL PERFORMANCE

- **NEW** HDI DL06-LEF 5.9-liter engine
- **NEW** Electronic-controlled 3-speed auto-shift transmission (ZF 3WG171)
- Best-in-class lifting and lowering speeds

EXCELLENT OPERATOR COMFORT

- **NEW** Redesigned floating cabin (optional)
- Auto HVAC system
- Centralized switch bank
- **NEW** 7-inch multi-function display panel
- Telescopic and tilting steering column
- **NEW** Comfortable full suspension seat
- Best-in-class noise level (71 dBA at operator's ear)

WORKING CONVENIENCE

- **NEW** Wide wraparound glass for more cab visibility
- Auto tilt leveling (optional)
- Electronic parking brake
- **NEW** Auto throttle up
- Monitor mast angle, vehicle gradient and steer angle on the 7-inch display

ENHANCED SAFETY

- GSS (Guardian Stability System)
- Ground speed control
- **NEW** Standard LED lighting
- Electric auto park brake system
- Password-protected starting system
- **NEW** Redesigned cab has a 40% increase in visibility over previous model
- Rear collision and pedestrian detection system (optional)

IMPROVED SERVICEABILITY

- **NEW** Centralized fuse and relay panels
- Full open tilting type hood (58 degrees)
- Tiltable operator cab/compartament (auto/manual) with push-button electrical lift assist
- Centralized hydraulic test ports for fast diagnostic times (optional)
- Auto reversing fan (optional)
- **NEW** Fully integrated CAN bus system with VCU & TCU simplifies diagnostics and reduces opportunity for failures
- Remote grease fittings (optional)
- **NEW** Common 10.00-20-16PR wheels for both the front and back
- Tilting rear bonnet for increased access to engine, cooling assembly and exhaust system
- Detailed troubleshooting diagnostic software to reduce downtime



TOTAL COST OF OWNERSHIP

Extended service intervals reduce maintenance costs:

- Transmission oil: 2,000 hours
- Hydraulic oil (VG46): 4,000 hours
- 18% increase in fuel economy
- Approximate yearly savings of \$4,472

OUTSTANDING DURABILITY

- **NEW** Highly durable steer axle
- Electrical connectors meet or exceed IP67 requirements
- **NEW** Front and rear mud guard (optional)
- Maximized heat dissipation performance
- Rugged full floating drive axle with planetary gear reduction hubs
- CCLS hydraulic system

ULTIMATE PRODUCTIVITY

Move more in less time and stack up more productivity with every shift. High-performance engines and an advanced 3-speed powershift transmission tackle heavy tasks faster and more efficiently.

SUPERIOR GRADEABILITY AND DRAWBAR PULL

You'll have more horsepower to power through slopes as steep as 38 degrees while fully loaded. With the latest engine technology and optimal power transfer through the drivetrain and hydraulic system, Bobcat 9-Series forklifts never compromise on power and control.

TWO MULTI-TORQUE MODES

The fuel-efficient engine provides the choice of standard or eco mode based on your business needs. Get raw power and lifting performance or maximum fuel economy.

FINELY TUNED POWERTRAIN

The robust Bobcat powertrain is built to unleash your full productivity potential. With its durable construction and high-quality components, you'll reach higher levels of efficiency and performance to propel your business forward.

POWERFUL DIESEL ENGINE

Engineered to deliver more torque at lower rpm, the fuel-efficient HDI engine delivers outstanding performance and dependable reliability.



Machine: D160S



Machine: D160S

MAXIMUM PERFORMANCE AND EFFICIENCY

The electronically controlled 3-speed powershift transmission helps you handle any load with ease. You'll also boost fuel efficiency with a tightly optimized engine response and smooth gear ratio optimization. Enhance your productivity even more with class-leading travel speeds and lifting/lowering speeds, all-around visibility, and one of the tightest turning radiuses in the industry.



COMFORT

ALL-DAY COMFORT

Machine: D160S

When you're putting in long hours moving material, every detail of your workspace matters. That's why Bobcat forklifts are designed to reduce fatigue and elevate productivity. From the fully adjustable suspension seat to the infinitely adjustable steering column, the redesigned floating cab provides next-level comfort. The pressurized environment ensures a cleaner cab with lower noise levels while the automatic heat and air conditioning system maintains a consistent temperature. Strategically placed vents for defrost, dash, floor, rear and ceiling airflow further ensure optimal comfort and all-around visibility. This ergonomic layout not only enhances comfort but also boosts safety and efficiency – so you can accomplish more.



MULTI-FUNCTION 7-INCH DISPLAY

Put more control at your fingertips. This handy and full-featured display provides PIN code access for your team. It's fully integrated with the optional rear view camera and standard weight scale. It also provides diagnostic and maintenance management information to enhance serviceability. The 7-inch display is mounted to the A pillar for easy accessibility with heads-up operation that supports safety.



AUTOMATIC HEAT AND AIR CONDITIONING

With automotive-style heat and air conditioning, your machine automatically adjusts to keep a constant temperature – no matter what the conditions are like outside. Defrost, dash, floor, rear and ceiling vents are plentiful and strategically positioned throughout the cab for optimal airflow and easy operator adjustment – so air goes where it's needed most. Dual evaporators provide fast, efficient temperature regulation.



ADJUSTABLE SUSPENSION SEAT AND STEERING COLUMN

Engineered for long hours of premium comfort, the Bobcat suspension seat adjusts easily to support operators of every size. The steering column also tilts and telescopes to provide custom comfort for every individual on your team.



CLEANER CAB AND LOW NOISE LEVELS

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



FINGERTIP CONTROLS (OPTIONAL)

The ergonomic fingertip controller enables precision movements for high productivity – with less strain and fatigue from repetitive movements.



ENHANCED VISIBILITY

The redesigned cabin with wide wraparound glass increases visibility by 40% compared to previous models.



CENTRALIZED SWITCHES

All console control switches are conveniently arranged and easy to reach, increasing ease of operation and productivity.

TOUGH BY DESIGN

Keep going day after day with Bobcat forklifts. They're built to withstand tough jobsites like foundries, ports and railways, logging sites, and mining operations. Longer service intervals and simplified maintenance reduce downtime and minimize the total cost of ownership.

With a powerful engine featuring an auto-shift transmission, Bobcat forklifts can overcome inclines of 38% fully loaded. The machine's full-floating drive axle and shock-absorbing hydrostatic power steering ensure high performance when working in extra-rough terrain, such as logging. Altogether, you'll experience excellent value from your machine investment that you can measure in smoother, longer and more productive operation.

VARIABLE SPEED, REVERSIBLE FAN (OPTIONAL)

The fan speed adjusts to coolant and brake oil temperatures to keep the radiator cleaner longer in dusty applications like hay processing, steel fabrication or concrete manufacturing. A reverse function helps clear excess debris.

TILTABLE CAB WITH ELECTRIC ASSIST (OPTIONAL)

The tiltable cab provides easy access to the drivetrain and to a variety of well-organized machine components.

EASY COMPONENT ACCESS

The wide-open angle of the rear hood puts essential machine components within easy reach. Centralized electronic components also enable quick and easy service.

VEHICLE CONTROL UNIT (VCU)

The vehicle control unit (VCU) simplifies communication, diagnostics and truck maintenance.



LOAD-SENSING HYDRAULIC SYSTEM

The load-sensing hydraulic system diverts power to the hydraulics for lifting and carrying heavier loads. The system also plays a vital role in temperature control and fuel conservation.

OIL-COOLED DISC BRAKES (OCDB)

The braking system is designed to provide a life span of up to 20,000 hours.

ROBUST FRAME AND CARRIAGE

Designed for extreme conditions like mining, forestry, construction and fabrication, the heavy-duty Bobcat frame withstands regular and heavy use in tough applications. A shaft-type carriage provides superior strength and durability when handling oversized loads common in precast applications, oil and gas, and power generation.

DUAL-ELEMENT AIR CLEANER

Prevents the entry of dust and debris for maximum power and increased engine service life.

CENTRALIZED HYDRAULIC TEST PORTS (OPTIONAL)

Reduce downtime and maintenance costs by simplifying the testing and diagnostics of the hydraulic system.

FULL FLOATING DRIVE AXLE

The full floating drive axle with planetary gear reduction hubs boosts durability, stability and performance for lifting larger loads in heavy-duty outdoor applications with challenging terrains – such as construction, foundries or mining. By isolating the axle shaft from load stress, it enhances component life while simplifying overall maintenance. The result is lower long-term costs and enhanced productivity.

FULL ELECTRIC AUTO-SHIFT TRANSMISSION

A full electric auto-shift transmission provides the diversity to move extremely heavy loads like steel beams or super delicate loads like those moved in the aerospace industry. It also minimizes wear and tear from daily operation and frequent directional changes.

STANDARD BOBCAT WARRANTY

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

BACKED BY YOUR BOBCAT DEALER

Rely on our network of dealers for expert service and support. They're always ready to help you with highly trained, Bobcat-authorized technicians and warranty support, plus quality Bobcat parts that provide superior performance.

PROTECTION PLUS EXTENDED WARRANTY

Enjoy total peace of mind with the Protection Plus® extended warranty. Providing the same level of protection as the standard warranty, Protection Plus also extends the warranty period to cover your specific needs and expectations.



DRIVEN BY SAFETY

With pressing deadlines and valuable loads at stake, there's no room for error. Enjoy peace of mind from equipment that puts safety first. All-around visibility, superb stability and a variety of smart, seamless safety features put you and your business in control.

PANORAMIC AND REAR VIEW MIRRORS

Great visibility to the rear working area enhances jobsite awareness and overall productivity.

OPTIONAL SEATBELT INTERLOCK

Enables operation only when the seat is occupied and the safety belt is on.

EXCELLENT VISIBILITY

A 40% improvement in overall visibility for cab-equipped models substantially enhances operator productivity and jobsite safety.

ANTI-SLIP STEP PLATE

Provides a solid, secure stepping point for getting in and out of the machine.

POWERFUL LED LIGHTING

High-performance LED lighting provides increased visibility over halogen bulbs, increasing safety in low-light operations.

AUTO ELECTRIC PARK BRAKE

A spring-applied hydraulically released (SAHR) brake caliper sets automatically when the engine returns to idle, shuts off or when the operator leaves the seat. An audible warning also lets the operator know if they leave the seat or shut off the engine without engaging the parking brake switch. When coming to a stop on a grade, the park brake automatically sets and prevents roll back until the operator engages the throttle.

OPTIONAL REAR VIEW CAMERA

Gain a direct view to the rear of the machine and improve operator awareness of the jobsite.

OPTIONAL FRONT VIEW CAMERA

Enhance the view to the front of the machine with an optional front view camera.

VEHICLE GRADE INDICATOR

Indicates the truck grade in five color-coded steps. The system warns the driver if the safe operational grade is exceeded with an audible and visual alarm.

OPTIONAL SAFETY LIGHTS

Alert oncoming traffic and staff with strobe and blue lights that enhance overall safety.

STEERING ANGLE INDICATOR

Shows the live steer angle status on the monitor in rear-camera-equipped models during rear view mode.

GUARDIAN STABILITY SYSTEM (GSS)

Automatically decreases travel speed and reduces forward tilt when traveling with the mast raised beyond the primary stage.

CORNERING SPEED CONTROL

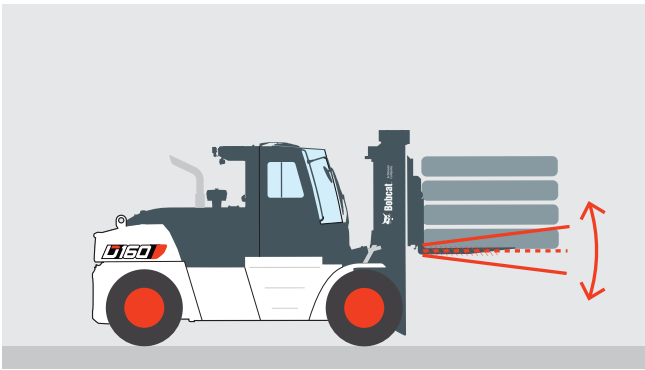
Angle sensors automatically reduce travel speeds at sharp turns, preventing tip overs during turns.



Panoramic Mirror



Powerful LED Lights



AUTO TILT LEVELING (OPTIONAL)

Auto tilt leveling keeps loads level – so operators stay focused on maneuvering safely and quickly through the shift. Press the switch on the tilt lever knob, and the forward and backward movement stops when the mast is vertical. It's ideal for travel on uneven surfaces or slopes, allowing for more controlled material handling.



REAR GRAB BAR AND HORN

A rear grab bar naturally positions the operator as they move the machine in reverse or maneuver in tight spaces. A convenient button on the grab bar ensures operators can stay focused on safely navigating work spaces during reverse travel.



WEIGHT SCALE

Avoid overloading the truck and enhance secure load handling with the help of an integrated weight scale.



GROUND SPEED CONTROL

Set a customized limit – for both forward and reverse travel – to prevent excessive speed in busy work areas.



REAR DETECTION SYSTEM (OPTIONAL)

Keep aware of obstacles when backing up. When traveling in reverse, sensors detect objects and personnel behind the machine and sound an audible alert.



HILL START ASSIST (HSA)

Keep control and prevent rollbacks on slopes with hill start assist (HSA). It automatically initiates and holds the parking brake when the machine is on an incline.

SPECIFICATIONS

MODEL		D100S-9	D120S-9
CHARACTERISTICS	Drive	1 Diesel	Diesel
	Operator Type	2 Rider-Seated	Rider-Seated
	Load Capacity	3 22,000 lb. (10,000 kg)	26,500 lb. (12,000 kg)
	Load Center	4 24.0 in. (600 mm)	24.0 in. (600 mm)
	Load Distance: Center of Drive Axle to Fork	5 29.7 in. (755 mm)	30.1 in. (765 mm)
	Wheelbase	6 118.1 in. (3000 mm)	118.1 in. (3000 mm)
WEIGHTS	Service Weight	7 34,322 lb. (15,568 kg)	36,663 lb. (16,630 kg)
	Axle Load: Loaded (Front/Rear)	8 49,112 lb. (22,277 kg) / 7209 lb. (3270 kg)	55,217 lb. (25,046 kg) / 7445 lb. (3377 kg)
	Axle Load: Loaded (Front/Rear)	9 17,176 lb. (7791 kg) / 17,145 lb. (7777 kg)	17,338 lb. (7887 kg) / 19,275 lb. (8743 kg)
WHEELS AND TIRES	Tires	10 Pneumatic	Pneumatic
	Tire Size (Front)	11 10.00-20-16PR	10.00-20-16PR
	Tire Size (Rear)	12 10.00-20-16PR	10.00-20-16PR
	Wheels, Number Front/Rear (x=Drive)	13 x4/2	x4/2
	Tread Width (Front)	14 67.9 in. (1724 mm)	67.9 in. (1724 mm)
	Tread Width (Rear)	15 75.2 in. (1910 mm)	75.2 in. (1910 mm)
DIMENSIONS	Tilt of Mast/Fork Carriage (Forward/Backward)	16/17 15°/12°	15°/12°
	Mast Lowered Height	18 116.7 in. (2965 mm)	116.7 in. (2965 mm)
	Free Lift	19 0	0
	Lift	20 118.0 in. (3000 mm)	118.0 in. (3000 mm)
	Mast Extended Height	21 175.8 in. (4465 mm)	175.8 in. (4465 mm)
	Overhead Guard Height	22 111.4 in. (2830 mm) / 116.1 in. (2950 mm)	111.4 in. (2830 mm) / 116.1 in. (2950 mm)
	Seat Height	23 70.9 in. (1800 mm)	70.9 in. (1800 mm)
	Overall Length	24 229.9 in. (5840 mm)	230.3 in. (5850 mm)
	Length to Forkface	25 176.8 in. (4490 mm)	177.2 in. (4500 mm)
	Overall Width	26/27 92.5 in. (2350 mm)	92.5 in. (2350 mm)
	Fork Dimensions	28/29/30 2.8 x 7.9 x 53.1 in. (70 x 200 x 1350 mm)	3.1 x 7.9 x 53.1 in. (80 x 200 x 1350 mm)
	Fork Carriage ISO 2328. Class/Type A, B	31 -	-
	Fork Carriage Width	32 89.4 in. (2270 mm)	89.4 in. (2270 mm)
	Ground Clearance, Laden, Below Mast	33 9.4 in. (240 mm)	9.4 in. (240 mm)
	Ground Clearance, Center of Wheelbase	34 12.4 in. (315 mm)	12.4 in. (315 mm)
	Aisle Width for Pallets 40" x 48" (1000 x 1200 mm)	35 258.0 in. (6560 mm)	259.0 in. (6570 mm)
	Turning Radius	36 167.5 in. (4255 mm)	167.5 in. (4255 mm)
	Internal Turning Radius	37 61.7 in. (1567 mm)	61.7 in. (1567 mm)
PERFORMANCE	Travel Speed (Loaded/Unloaded)	38 22.3 mph (36.0 km/hr.) / 25.4 mph (41.0 km/hr.)	21.7 mph (35.0 km/hr.) / 25.4 mph (41.0 km/hr.)
	Lifting Speed (Loaded/Unloaded)	39 90.5 fpm (0.46 m/s) / 96.5 fpm (0.49 m/s)	88.6 fpm (0.45 m/s) / 96.5 fpm (0.49 m/s)
	Lowering Speed (Loaded/Unloaded)	40 84.6 fpm (0.43 m/s) / 80.7 fpm (0.41 m/s)	84.6 fpm (0.43 m/s) / 80.7 fpm (0.41 m/s)
	Drawbar Pull @ 1 mph (Loaded/Unloaded)	41 25,463 lbf. (113,265 N) / 24,814 lbf. (110,377 N)	25,298 lbf. (112,530 N) / 24,759 lbf. (110,132 N)
	Max. Drawbar Pull (Loaded/Unloaded)	42 30,560 lbf. (136,114 N) / 29,305 lbf. (130,356 N)	30,434 lbf. (135,378 N) / 29,250 lbf. (130,111 N)
	Gradeability @ 1 mph (Loaded/Unloaded)	43 51% / 100%	44% / 95%
	Max. Gradeability (Loaded/Unloaded)	44 65.7% / 100%	55.9% / 100%
	Service Brake	45 Foot/Hydraulic	Foot/Hydraulic
COMBUSTION ENGINE	Engine Manufacturer/Type	46 HDI/DL06-LEF,T4	HDI/DL06-LEF,T4
	Engine Power According to DIN ISO1585	47 172.6 hp (128.7 kW)	172.6 hp (128.7 kW)
	Rated Speed	48 2100 min ⁻¹	2100 min ⁻¹
	Torque at 1/min.	49 535.2 ft.-lb. (725.7 N-m) @1400	535.2 ft.-lb. (725.7 N-m) @1400
	Number of Cylinders/Displacement	50 6 / 5890 cc	6 / 5890 cc
	Battery Voltage/Normal Capacity	51 24V (12X2) / 100 Ah	24V (12X2) / 100 Ah
OTHER	Operating Pressure for Attachments	52 2320 psi (160 bar)	2320 psi (160 bar)
	Oil Volume for Attachments	53 39.6 gpm (150 L/min.)	39.6 gpm (150 L/min.)
	Fuel Tank Capacity	54 51.5 gal. (195.0 L)	51.5 gal. (195.0 L)
	Sound Level at the Operator's Ear According to EN 12053	55 71 dB (A)	71 dB (A)

D140S-9	D160S-9	DV160S-9
Diesel	Diesel	Diesel
Rider-Seated	Rider-Seated	Rider-Seated
31,000 lb. (14,000 kg)	36,000 lb. (16,000 kg)	36,000 lb. (16,000 kg)
24.0 in. (600 mm)	24.0 in. (600 mm)	48.0 in. (1200 mm)
32.1 in. (815 mm)	32.1 in. (815 mm)	38.8 in. (985 mm)
128.0 in. (3250 mm)	128.0 in. (3250 mm)	147.6 in. (3750 mm)
40,164 lb. (18,218 kg)	42,593 lb. (19,218 kg)	51,637 lb. (23,422 kg)
63,800 lb. (28,939 kg) / 7363 lb. (3340 kg)	71,066 lb. (32,235 kg) / 7302 lb. (3312 kg)	82,069 lb. (37,226 kg) / 5613 lb. (2546 kg)
19,304 lb. (8756 kg) / 20,860 lb. (9462 kg)	19,392 lb. (8796 kg) / 22,977 lb. (10,422 kg)	25,091 lb. (11,381 kg) / 26,590 lb. (12,061 kg)
Pneumatic	Pneumatic	Pneumatic
12.00-20-18PR	12.00-20-20PR	12.00R20
12.00-20-18PR	12.00-20-20PR	12.00R20
x4/2	x4/2	x4/2
71.9 in. (1825 mm)	71.9 in. (1825 mm)	73.1 in. (1858 mm)
76.8 in. (1950 mm)	76.8 in. (1950 mm)	77.8 in. (1976 mm)
15°/12°	15°/12°	10°/10°
124.8 in. (3170 mm)	124.8 in. (3170 mm)	127.8 in. (3245 mm)
0	0	0
118.0 in. (3000 mm)	118.0 in. (3000 mm)	118.0 in. (3000 mm)
183.9 in. (4670 mm)	183.9 in. (4670 mm)	185.6 in. (4715 mm)
112.6 in. (2860 mm) / 117.3 in. (2980 mm)	112.6 in. (2860 mm) / 117.3 in. (2980 mm)	112.6 in. (2860 mm) / 117.3 in. (2980 mm)
72.0 in. (1830 mm)	72.0 in. (1830 mm)	72.0 in. (1830 mm)
243.3 in. (6180 mm)	243.3 in. (6180 mm)	313.2 in. (7955 mm)
190.2 in. (4830 mm)	190.2 in. (4830 mm)	218.7 in. (5555 mm)
98.0 in. (2490 mm)	98.0 in. (2490 mm)	100.0 in. (2540 mm)
3.3 x 7.9 x 53.1 in. (85 x 200 x 1350 mm)	3.3 x 7.9 x 53.1 in. (85 x 200 x 1350 mm)	3.9 x 9.8 x 94.5 in. (100 x 250 x 2400 mm)
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96.5 in. (2450 mm)	96.5 in. (2450 mm)	100.0 in. (2540 mm)
9.3 in. (235 mm)	9.3 in. (235 mm)	7.9 in. (200 mm)
13.6 in. (345 mm)	13.6 in. (345 mm)	13.6 in. (345 mm)
272.0 in. (6910 mm)	272.0 in. (6910 mm)	342.5 in. (8700 mm)
178.9 in. (4545 mm)	178.9 in. (4545 mm)	201.4 in. (5115 mm)
65.6 in. (1665 mm)	65.6 in. (1665 mm)	73.8 in. (1874 mm)
18.6 mph (30.0 km/hr.) / 21.1 mph (35.0 km/hr.)	18.6 mph (30.0 km/hr.) / 21.1 mph (34.0 km/hr.)	21.1 mph (34.0 km/hr.) / 24.2 mph (39.0 km/hr.)
80.7 fpm (0.41 m/s) / 90.5 fpm (0.46 m/s)	78.7 fpm (0.40 m/s) / 90.5 fpm (0.46 m/s)	76.8 fpm (0.39 m/s) / 90.5 fpm (0.46 m/s)
84.6 fpm (0.43 m/s) / 80.7 fpm (0.41 m/s)	84.6 fpm (0.43 m/s) / 80.7 fpm (0.41 m/s)	84.6 fpm (0.43 m/s) / 80.7 fpm (0.41 m/s)
27,633 lbf. (122,920 N) / 27,768 lbf. (123,520 N)	27,471 lbf. (122,200 N) / 27,705 lbf. (123,240 N)	26,759 lbf. (119,032 N) / 26,800 lbf. (119,211 N)
34,845 lbf. (155,000 N) / 34,478 lbf. (153,370 N)	34,700 lbf. (154,360 N) / 34,422 lbf. (153,120 N)	31,056 lbf. (138,146 N) / 30,569 lbf. (135,979 N)
43% / 97%	38% / 88%	32.4% / 60%
56.8% / 100%	50.3% / 100%	38.1% / 72%
Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic
HDI/DL06—LEF,T4	HDI/DL06—LEF,T4	HDI/DL06—LEF,T4
172.6 hp (128.7 kW)	172.6 hp (128.7 kW)	187.3 hp (139.7 kW)
2100 min ⁻¹	2100 min ⁻¹	2100 min ⁻¹
535.2 ft.-lb. (725.7 N-m) @1400	535.2 ft.-lb. (725.7 N-m) @1400	578.6 ft.-lb. (784.5 N-m) @1400
6 / 5890 cc	6 / 5890 cc	6 / 5890 cc
24V (12X2) / 100 Ah	24V (12X2) / 100 Ah	24V (12X2) / 100 Ah
2320 psi (160 bar)	2320 psi (160 bar)	2320 psi (160 bar)
39.6 gpm (150 L/min.)	39.6 gpm (150 L/min.)	39.6 gpm (150 L/min.)
62.1 gal. (235.0 L)	62.1 gal. (235.0 L)	76.6 gal. (290.0 L)
71 dB (A)	71 dB (A)	71 dB (A)

SPECIFICATIONS

STANDARD FEATURES AND OPTIONS

PRODUCTIVITY

Powerful Engine Compliant With Tier IV Final	Std
Power Steering	Std
3-Speed ZF Transmission (Autoshift)	Std
Closed Center Load Sensing (CCLS)	Std
Auto-Throttle	Std
Multi-Torque Mode (Eco/Std/High)	Std

SAFETY

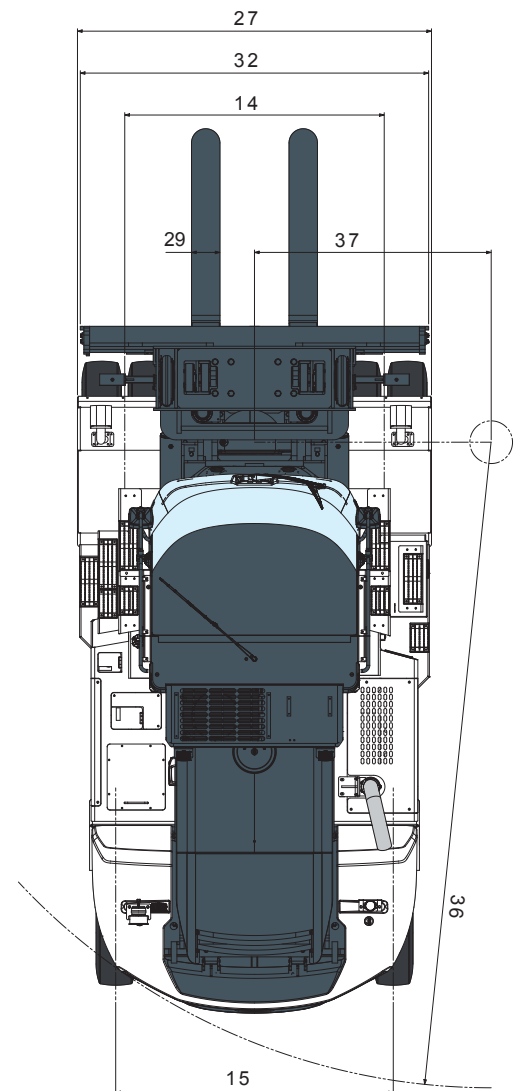
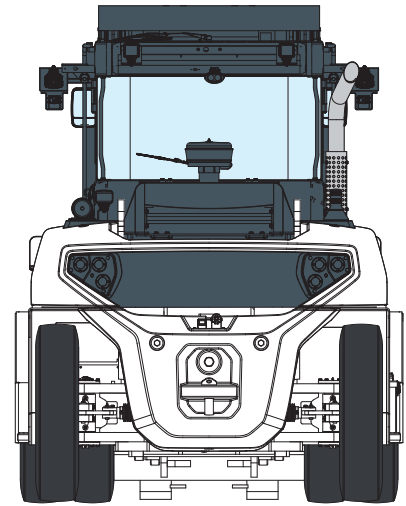
Excellent Visibility	Std
Electronic Parking Brake	Std
Backup Alarm	Std
Hill Start Assist (HSA)	Std
Ground Speed Control	Std
Rear View Mirror (LH/RH)	Std
Front and Rear Combination LED Lights (with hazard switch)	Std
Guardian Stability System (GSS)	Std
Weight Load Indicator	Std
Strobe Light	Std
Seatbelt Interlock	Opt
Safety Blue Light (always on or activated by gear)	Opt
Fourth Lever Interlock for Attachment	Opt
Front Camera and Rear View Camera	Opt
Auto Tilt Leveling	Opt
Rear Object Detection System With Audible Alarm	Opt
Siren and Microphone	Opt
Two Front/Rear LED Lights (on operator compartment)	Opt
Additional Front/Rear Light (on mast/counterweight)	Opt

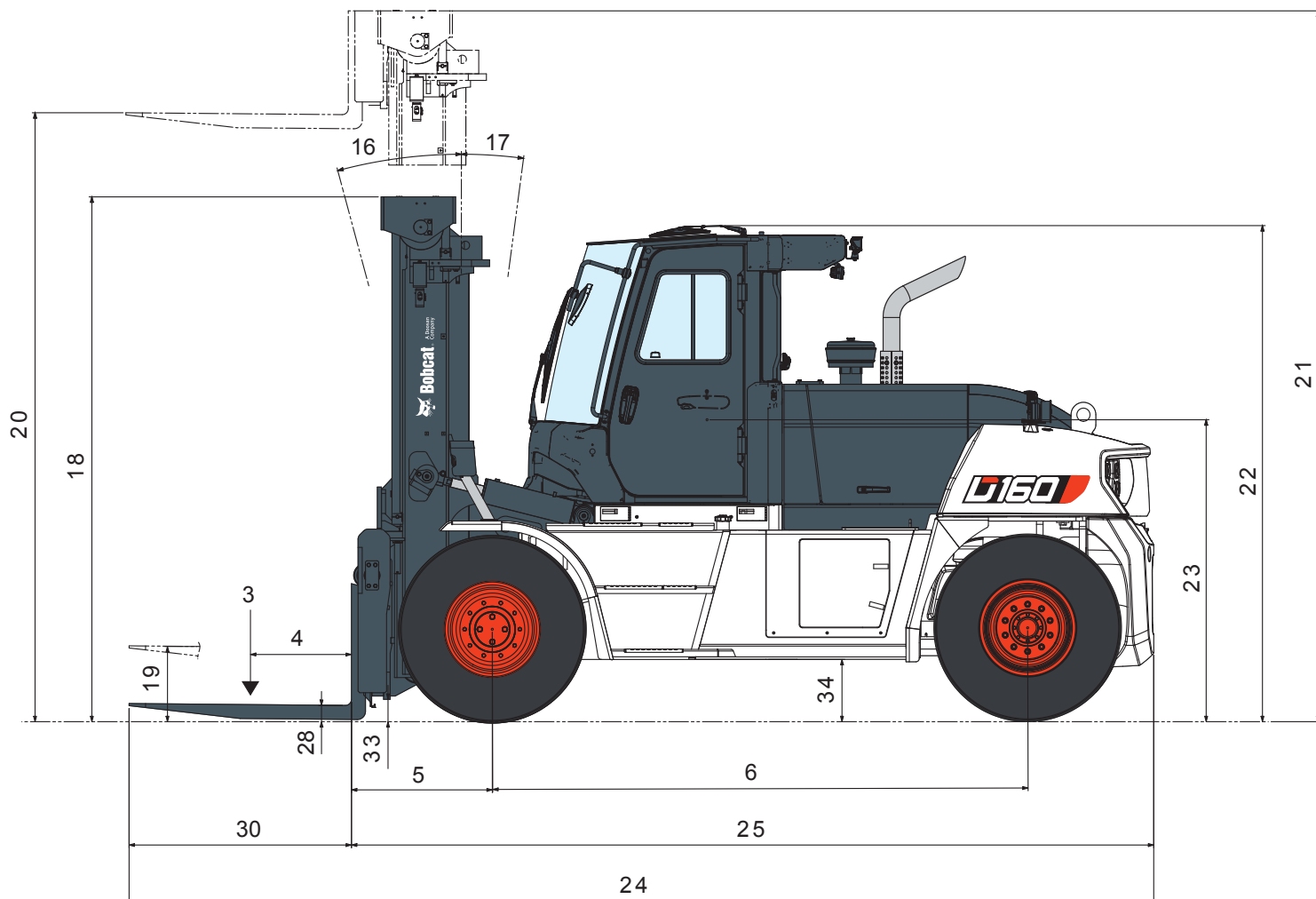
RELIABILITY

Oil-Cooled Disc Brakes (ODB)	Std
Dual Element Air Cleaner	Std
Precleaner	Std
Full Autoshift Transmission	Std
Rigid Drive Axle	Std
IP67 Waterproof Connectors	Std
Integrated Type Vehicle Control Unit (VCU)	Std
Hydraulically Driven Cooling Fan	Std
Under Protection (engine guard)	Std
Side Panel With Pressure Check Package	Opt
Mudguard for Front and Rear Tires	Opt
Under Protection (belly plate)	Opt

ERGONOMICS

Suspension Seat With Armrest	Std
7-Inch Multi-Functional Display (full color)	Std
Telescopic Steering Column (with tilting)	Std
Rear Grab Bar With Horn	Std
Power Jack and USB Port	Std
Key Switch	Std
Full Cab	Opt
Fingertip (3-way, 4-way, 5-way)	Opt
HVAC System (heating, ventilation and air conditioner)	Opt
Audio (DAB type radio, MP3)	Opt
Operator Fan	Opt
Push to Start With Pin Code	Opt
Lift Eyes	Opt





STANDARD FEATURES AND OPTIONS

SERVICEABILITY

Manual/Electric Tilting Operator Compartment/Cab	Std
Wide Hood Open Range	Std
Centralized Junction Block	Std
Battery Disconnect Switch	Std
Remote Grease Fittings	Opt
Hydraulic Pressure Check Package	Opt
Tankless Air Compressor	Opt
Automatic Reversible Cooling Fan	Opt

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

SPECIFICATIONS

MODEL	MAST TYPE	MAX. FORK HEIGHT (MFH)		MAX. LOWERED HEIGHT (OAL)		FULLY EXTENDED HEIGHTS (W/LBR)		FREE LIFT (W/LBR)		TILT ANGLE		LOAD CAPACITIES			
										DOUBLE PNEU.		DOUBLE PNEU.			
										FWD	BWD	LC 24 IN. (600 MM)		LC 48 IN. (1200 MM)	
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	DEG.	DEG.	LB.	KG	LB.	KG
D100S-9	STD	98	2500	107	2715	156	3965	—	—	15	12	22,000	9979	—	—
		118	3000	117	2965	176	4465	—	—	15	12	22,000	9979	—	—
		138	3500	127	3215	195	4965	—	—	15	12	22,000	9979	—	—
		157	4000	136	3465	215	5465	—	—	15	12	22,000	9979	—	—
		177	4500	146	3715	235	5965	—	—	15	12	22,000	9979	—	—
		197	5000	164	4165	262	6665	—	—	15	12	22,000	9979	—	—
		209	5300	162	4115	266	6765	—	—	15	12	22,000	9979	—	—
		217	5500	174	4415	282	7165	—	—	15	12	22,000	9979	—	—
		236	6000	184	4665	302	7665	—	—	15	12	22,000	9979	—	—
	FFT	157	4000	111	2815	217	5505	54	1380	15	8	22,000	9979	—	—
		177	4500	117	2980	236	6000	61	1550	15	8	22,000	9979	—	—
		197	5000	124	3145	256	6500	68	1715	15	8	22,000	9979	—	—
		217	5500	131	3315	276	7005	74	1880	15	8	22,000	9979	—	—
		236	6000	137	3480	295	7500	81	2050	15	8	22,000	9979	—	—
D120S-9	STD	98	2500	107	2715	156	3965	—	—	15	12	26,000	11,793	—	—
		118	3000	117	2965	176	4465	—	—	15	12	26,000	11,793	—	—
		138	3500	127	3215	195	4965	—	—	15	12	26,000	11,793	—	—
		157	4000	136	3465	215	5465	—	—	15	12	26,000	11,793	—	—
		177	4500	146	3715	235	5965	—	—	15	12	26,000	11,793	—	—
		197	5000	164	4165	262	6665	—	—	15	12	26,000	11,793	—	—
		209	5300	162	4115	266	6765	—	—	15	12	26,000	11,793	—	—
		217	5500	174	4415	282	7165	—	—	15	12	26,000	11,793	—	—
		236	6000	184	4665	302	7665	—	—	15	12	26,000	11,793	—	—
	FFT	157	4000	111	2815	217	5505	55	1390	15	8	26,000	11,793	—	—
		177	4500	117	2980	236	6000	61	1560	15	8	26,000	11,793	—	—
		197	5000	124	3145	256	6500	68	1725	15	8	26,000	11,793	—	—
		217	5500	131	3315	276	7005	74	1890	15	8	26,000	11,793	—	—
		236	6000	137	3480	295	7500	81	2060	15	8	25,309	11,480	—	—
D140S-9	STD	118	3000	125	3170	184	4670	—	—	15	12	31,000	14,061	—	—
		138	3500	135	3420	204	5170	—	—	15	12	31,000	14,061	—	—
		157	4000	144	3670	223	5670	—	—	15	12	31,000	14,061	—	—
		177	4500	154	3920	243	6170	—	—	15	12	31,000	14,061	—	—
		197	5000	172	4370	270	6870	—	—	15	12	31,000	14,061	—	—
		217	5500	182	4620	290	7370	—	—	15	12	31,000	14,061	—	—
		236	6000	192	4870	310	7870	—	—	15	12	30,788	13,965	—	—
		256	6500	202	5120	330	8370	—	—	15	12	29,983	13,600	—	—
		315	8000	239	6070	396	10,070	—	—	15	12	27,117	12,300	—	—
		335	8500	249	6320	416	10,570	—	—	15	12	26,455	12,000	—	—
	FFT	146	3700	115	2930	210	5335	54	1380	15	8	31,000	14,061	—	—
		157	4000	119	3030	222	5635	58	1480	15	8	31,000	14,061	—	—
		177	4500	126	3195	242	6135	65	1645	15	8	30,865	14,000	—	—
		197	5000	132	3360	261	6630	71	1815	15	8	29,928	13,575	—	—
		217	5500	139	3530	281	7135	78	1980	15	8	28,991	13,150	—	—
		236	6000	145	3695	301	7635	84	2145	15	8	28,032	12,715	—	—

MODEL	MAST TYPE	MAX. FORK HEIGHT (MFH)		MAX. LOWERED HEIGHT (OAL)		FULLY EXTENDED HEIGHTS (W/LBR)		FREE LIFT (W/LBR)		TILT ANGLE		LOAD CAPACITIES			
										DOUBLE PNEU.		DOUBLE PNEU.			
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	FWD	BWD	LC 24 IN. (600 MM)		LC 48 IN. (1200 MM)	
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	DEG.	DEG.	LB.	KG	LB.	KG
D160S-9	STD	118	3000	125	3170	184	4670	—	—	15	12	36,000	16,330	—	—
		138	3500	135	3420	204	5170	—	—	15	12	36,000	16,330	—	—
		157	4000	144	3670	223	5670	—	—	15	12	36,000	16,330	—	—
		177	4500	154	3920	243	6170	—	—	15	12	36,000	16,330	—	—
		197	5000	172	4370	270	6870	—	—	15	12	36,000	16,330	—	—
		217	5500	182	4620	290	7370	—	—	15	12	35,274	16,000	—	—
		236	6000	192	4870	310	7870	—	—	15	12	34,216	15,520	—	—
		256	6500	202	5120	330	8370	—	—	15	12	33,290	15,100	—	—
		315	8000	239	6070	396	10,070	—	—	15	12	30,093	13,650	—	—
		335	8500	249	6320	416	10,570	—	—	15	12	29,321	13,300	—	—
	FFT	146	3700	115	2930	210	5335	54	1380	15	8	36,000	16,330	—	—
		157	4000	119	3030	222	5635	58	1480	15	8	35,373	16,045	—	—
		177	4500	126	3195	242	6135	65	1645	15	8	34,326	15,570	—	—
		197	5000	132	3360	261	6630	71	1815	15	8	33,334	15,120	—	—
		217	5500	139	3530	281	7135	78	1980	15	8	32,276	14,640	—	—
		236	6000	145	3695	301	7635	84	2145	15	8	31,284	14,190	—	—
DV160S-9	STD	118	3000	128	3245	186	4715	—	—	10	10	—	—	36,000	16,330
		138	3500	138	3495	205	5215	—	—	10	10	—	—	36,000	16,330
		157	4000	147	3745	225	5715	—	—	10	10	—	—	36,000	16,330
		177	4500	157	3995	245	6215	—	—	10	10	—	—	35,274	16,000
		197	5000	167	4245	264	6715	—	—	10	10	—	—	34,833	15,800
		236	6000	187	4745	304	7715	—	—	10	10	—	—	33,290	15,100
	FFT	177	4500	116	2940	233	5930	61	1550	10	10	—	—	33,731	15,300
		197	5000	122	3110	254	6440	68	1720	10	10	—	—	33,025	14,980
		236	6000	135	3440	293	7430	81	2050	10	10	—	—	31,636	14,350





Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Where applicable, dimensions are in accordance with ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for material handling equipment with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO9001 as registered with BSI.



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