



TL619, TL723, TL923







# MONUMENTAL LIFT, HEIGHT & REACH

Bobcat telehandlers are hard-working and durable – they're sized perfectly for virtually every application, putting endless possibilities within reach.

#### Automatic Tilt (Attachment) Positioning

The attachment level feature standard on all Bobcat telehandler models speeds material handling and boosts productivity by preventing spillage and ensuring consistent, productive attachment performance.

#### Two-Stage, Low-Profile Boom

The low-profile, extendable boom gives you the power to access a wide range of lift heights and reach lengths. The boom position provides excellent visibility to the operator's right side. The low boom pivot point in the rear helps make it a powerful machine when pushing. As the machine pushes, more of the weight stands on the front axle.

#### **Heavy-Duty Lift Cylinder**

The heavy-duty lift cylinder of the TL923 allows for more capacity and improved lifting performance.

#### **Turbo-Charged Bobcat Tier 4 Engine**

Bobcat telehandlers have an advanced Tier 4, turbo-charged engine that delivers additional horsepower, plus efficient, high-torque performance regardless of elevation. Operators will also appreciate the engine's reliable cold weather starting and a variety of features that make maintenance and service more convenient.

#### **Add-On Counterweight**

The TL619 is designed for an optional, add-on counterweight that provides greater loaded reach capacity. The counterweight comes standard with the TL723 and TL923.

#### **Boom Float**

Enable boom float while moving on uneven ground for smooth performance with attachments. Float in reverse for smoothing with a bucket.

#### **Heavy-Duty Drivetrain**

For durability and confidence when working on the most intensive jobs, the Bobcat TL923 is equipped with reinforced heavy-duty axles, large lug nuts and a reinforced central differential gear. Heavy-duty universal joints are designed to handle tough working conditions, and the steering cylinder is protected in the upper position. These features allow for heavier lift capabilities and travel speeds up to 25 mph.

#### **Patented Hydraulic Lift System**

The TL923 has a patented hydraulic lift system with advanced high-flow technology to optimize lift capabilities while providing high-speed boom movement. You'll also command unrivaled multifunctioning performance during the lift cycle.



5,512 LB.

MAX. RATED CAPACITY

19 FT. 2 IN

LIFT HEIGHT

10 FT. 3 IN

#### **High Tractive Effort**

The Tier 4 turbo-charged engine in Bobcat telehandlers achieves optimum tractive force, giving these R-Series telehandlers impressive pushing power for their size classes.

#### **Hydrostatic Transmission**

Bobcat telehandlers offer a heavy-duty hydrostatic transmission for smooth, quick power, plus high wheel torque for digging and pushing. Operation is safe and easy, with many additional features to help you get the job done quickly and efficiently.

#### **Z-Bar Boom Linkage**

The TL923's Z-Bar linkage is designed for high loading performance, giving operators an optimized tilting angle for dumping and more breakout force to lift material out of a pile and dump it easily. The Z-Bar boom linkage gives you:

- · More range of bucket tilt
- Increased dump angle at full height
- · Increased breakout force

#### **Automatic Ride Control**

Automatic ride control on the TL723 and TL923 reduces material spillage, allowing operators to travel at faster speeds for increased productivity. Thanks to its dampening effect, the feature also increases comfort by offering a smoother ride when traveling across uneven terrain.

#### **Large-Diameter Tires**

The large-diameter tires (20-inch on the TL619 and 24-inch on the TL723 and TL923) have an aggressive all-terrain tread that won't bog down in soft ground conditions.

#### **Load-Sense Hydraulic System**

The TL923 hydraulic system is designed for faster boom speeds and heavier lifting, giving you extra power for smoother control when loaded, and the fastest boom cycle times possible when empty. You can achieve faster boom movement at a lower rpm with improved multifunctional capability.



**7,718** LB.

MAX. RATED CAPACITY

22 FT. 9 IN

13 FT. 1 IN.

9,041 LB.

23 FT.

LIFT HEIGHT

1<u>3</u> ft. 2 in.





#### FOUR STEERING MODES

Bobcat telehandlers have four steering modes to give you tailored maneuverability for every application.

All-Wheel Steer	Allows you to make quick and tight turns
Front-Wheel Steer	Standard steering mode; front wheels control the direction of the machine
Crab Steer	Allows precise side-to-side positioning
Semi-Crab Steer	Allows operators to set the rear wheels in a crab position while steering with the front wheels

#### **FIVE OPERATION MODES**

Five operation modes give you the versatility you need for a wide variety of applications:

#### 1. ECO MODE

ECO mode allows you to maintain hydraulic performance without using full engine power – allowing you to work with lower rpm, less noise and lower fuel consumption. Easily turn on or off using a control panel button.

#### 2. SMOOTH DRIVE MODE

Used for maneuvering across jobsites with mild acceleration and deceleration while carrying loads.

#### 3. DYNAMIC DRIVE MODE

Take full advantage of the high productivity of the Bobcat telehandler and quickly shift from smooth to dynamic drive, increasing the responsiveness of the machine's acceleration and deceleration.

#### 4. FLEX DRIVE MODE

Use the engine speed lever to bring a new dimension to driving by managing the travel speed independently from the engine speed. You achieve a whole new level of efficiency and precision.

#### 5. ADVANCED ATTACHMENT CONTROL MODE

Control the engine and travel speed separately for full auxiliary hydraulic performance.

Precise Drive and Engine Speed
Settings – Precision is key to attachment productivity. Set drive speed increments from 1 to 99 for the ideal combination of attachment performance and machine control. You can increase engine rpm with the engine speed lever and maximize your attachment productivity.

Attachment Travel Mode – When you need to move to a new location, press a button to switch to faster travel on the fly. When you're back in position for attachment work, you can return to your previous attachment control mode settings.



#### **TWO TRAVEL SPEEDS**

The TL619 has standard two-speed travel for improved productivity during work and travel. With two speed ranges, operators can adapt the performance of the Bobcat telehandler to whatever the job requires. A convenient button on the joystick allows the operator to easily change speed modes on or between jobsites.

**TRAVEL** speed enables movement across longer distances at speeds up to 17.5 mph.

**WORK** speed provides maximum pushing power with higher engine rpm to match tractive effort to ground conditions. Its balanced performance and precise control helps you get challenging jobs done fast, from routine loading to material handling.

# FOUR-SPEED VERSATILITY

The TL723 and TL923 both offer low range and high range. Each range includes two-speed travel. This gives you four travel speeds to match the demands of every task.

# MAX. RATED CAPACITY

#### **Confidently lift up to:**

- 5,512 pounds (TL619)
- 7,718 pounds (TL723)
- 9,041 pounds (TL923)





# Pick a job – any job. Comparable machines can't match a Bobcat telehandler's versatility.

It doesn't just pick and place materials; it works with the widest range of attachments you can find on a telescoping work machine. This gives you the best of both worlds: the extended reach and great rated load capacity of a telescoping boom with the versatility advantage of numerous attachments.

#### **Auxiliary Hydraulics**

Auxiliary hydraulic couplers with integrated pressure release are located conveniently on the front of the boom, enabling operators to change hydraulic attachments quickly and easily.

#### **Auxiliary Flow Management**

Operators can set the amount of continuous auxiliary hydraulic flow – up to 100% – to achieve the attachment performance that's necessary for optimal productivity.

#### Continuous Hydraulic Flow With Dual Detent

Dual-direction detent allows hydraulic flow to be engaged continuously, in either direction, without holding a switch. This gives operators more flexibility in using hydraulic-powered attachments.



#### ■ BOB-TACH ATTACHMENT

TL619's Bob-Tach® mounting system. Switch to a new bucket, a pallet fork or a variety of tough, Bobcat-built hydraulic attachments. The Bob-Tach system makes it possible for Bobcat to provide the largest attachment selection ever for a telehandler.

The TL723 and TL923 have a standard Power Quick-Tach attachment mounting system that provides robust attachment versatility. The hydraulic lock function allows you to change non-hydraulic attachments safely and quickly without leaving the cab. With the Power Quick-Tach system, operators push a button to retract the pins and release to quickly secure the attachment.

#### **MOUNTING SYSTEM**

Quickly change attachments with the

#### **■ POWER QUICK-TACH**

#### **Intuitive Joystick Controls**

Fingertip controls make it easy and comfortable to operate Bobcat telehandlers. On the front side of the joystick, the Forward-Neutral-Reverse directional switch can be operated with the index finger. The two-speed travel switch, boom float, boom extension, and auxiliary hydraulics are located at the top of the joystick.

#### 7-Pin Attachment Control Device (ACD)

Get additional control and functionality in selected attachments with the 7-pin attachment control device. Several attachments require control of more than one function, and this system gives you fingertip control of these extra functions. On-the-fly adjustments, such as the angle of an angle broom attachment, are quick and easy with a simple push button.

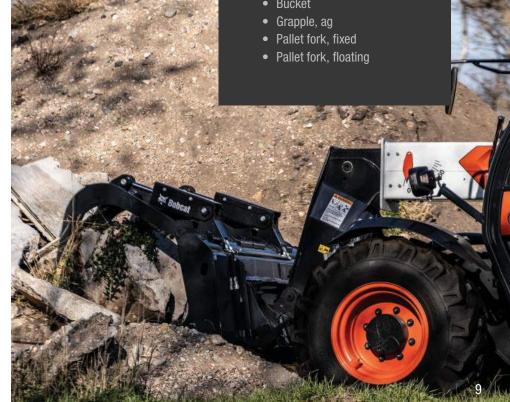
#### **ATTACHMENT VERSATILITY**

Bobcat designs and builds a large selection of standard and hydraulic-powered attachments for your telehandler. Approved attachments can be shared with other Bobcat machines.

#### **TL619 Attachmen**

- Angle broom
- Auger
- **Bucket**
- Combination bucket
- Flail cutter
- Grapple, industrial
- Grapple, root
- · Pallet fork, fixed
- Pallet fork, floating
- Rock bucket
- Snow blade
- Snow pusher pro
- Soil conditioner
- Sweeper
- Truss boom

- Adapter frame
- **Bucket**



# UPTIME PROTECTION

Bobcat prides itself on building machines that are protected from front to back against the world's toughest jobs. The Bobcat telehandler line is no exception. It's made with strong materials, quality construction and reliable designs that our customers need to earn their living.





#### SIMPLE, STATE-OF-THE-ART AND NON-DPF

The telehandler's Bobcat engine achieves emissions compliance without the use of a diesel particulate filter (DPF). This means fewer components for simpler operation, easier maintenance and no downtime due to DPF regeneration.

#### Sealed Engine Compartment

The engine compartment provides a completely enclosed environment that helps to shut out dust and debris, ensuring long component life.

#### Automatic Battery Disconnect

A few moments after you turn off your machine, the battery is automatically disconnected, preventing accidental battery discharge.

#### **Common Parts**

Many telehandler parts are the same ones used in our legendary compact loader line, which ensures easy parts availability and minimal downtime if there is an issue.





#### **Clean Workgroup Plumbing**

Hydraulic hoses are carefully routed to minimize exposure to friction and contact with jobsite objects and obstacles.

#### **Cyclonic Air Prefilter**

The built-in cyclonic air prefilter and automatic dust evacuation helps maximize your uptime. This technology cuts down filter clogging and ensures efficient engine cooling in dusty environments.

#### **Impact-Resistant Engine Access Panel**

The engine access panel resists damage from impact and retains its good looks for years, thanks to its flexible, resilient and rust-free composite construction.

#### Reinforced Heavy-Duty Boom Pivot and Enclosed Frame Welds

The boom pivot features thick steel reinforcement for enhanced durability and long life. Heavy-duty, enclosed frame welds offer additional support throughout the frame.

#### **Poly Fuel Tank**

Diesel is contained in a durable, rustfree polypropylene fuel tank to minimize condensation and contamination of the fuel system.

#### **Side-by-Side Cooling Design**

The radiator, oil cooler and intake air coolers are mounted side by side, carefully located to receive the same quality and temperature of air, which provides efficient, consistent cooling ability, even in the most severe and dirty conditions.

#### **Automatic Reverse Cooling Fan**

Excellent for dusty and light-material applications, the available reversible fan gives you the ability to keep the radiator area cleaner for longer — extending productivity and uptime while reducing the immediate need to clean debris by hand. Just flip a switch to reverse the cooling fan or set it to automatically reverse at 30-, 45-, 60- or 90-minute intervals to purge the system of dust and debris.

#### **Optional Window Guards**

Designed to protect you and your investment in the toughest conditions, the optional front and top window guards protect your machine from falling and flying debris.

#### **Protected Cylinders**

Cylinders are strategically located in areas that are less prone to damaging contact on the job, protecting them from harm.

#### Fine Mesh Intake Screen

The engine cover screen helps prevent large debris from entering the engine basket and plugging the radiator.

#### **Machine Protection**

The machine protection system monitors engine and hydraulic functions. If conditions risk damage to the engine or hydraulic components, the system will alert the operator and, if necessary, de-rate engine power as well as hydraulic flow. It still allows the operator to move the telehandler to an area for diagnosis.



#### Box-Welded Frame With Protective Chassis

Bobcat has designed all of its telehandlers with the same robust box-welded frame for enhanced rigidity – plus a low center of gravity for great overall stability. The engine, cooling system and many critical components are well-protected within the center of the chassis, ensuring minimal wear and tear due to jobsite obstacles or harsh terrain.

#### Heavy-Duty Engine Mounts and Compartment

A protected engine on Bobcat telehandlers starts with a thick steel frame that covers both sides and the bottom of the engine. Rubber engine mounts reduce shock on difficult terrain.

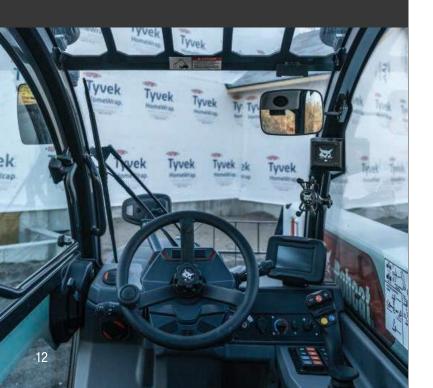
#### **Robust Boom Design**

Bobcat telehandlers are designed with a combination of features that maximize reliability in even the most severe conditions, including high-tensile steel construction, U-welded shapes, an integrated boom head and robust wear pads.

#### **COMFORT**

# CAB COMFORT

Bobcat has designed its R-Series telehandler cabs to provide the ultimate in operator comfort and increased ease of operation. The Bobcat tradition of operator-centered design continues with high visibility, excellent ergonomics, a comfortable suspension seat, efficient heat and air conditioning, plus an easy-to-read, automotive-style instrument panel that is familiar to any operator who has already used other R-Series equipment from Bobcat. For all-day operation, the comfort built into the Bobcat telehandlers can't be beat.



#### **ROPS/FOPS Operator Cab**

Bobcat telehandler cabs are designed and tested to Roll-Over Protective Structure (ROPS) and Falling Object Protective Structure (FOPS level II) standards.

#### **Wraparound Rear Window**

The TL723 and TL923 have a unique wraparound rear window that excels at providing operators a good view to the side and rear of the machine.

#### **Opening Rear Window and Split Door**

The rear window provides an emergency exit, and the split door allows you to work with open windows for easier communication on the job.

#### Suspended Cab

A cushioning spring suspension isolates and reduces vibration inside the cab and improves ride quality.

#### **Cloth Suspension Seat**

The TL619 seat is upholstered in comfortable, breathable cloth. The fully adjustable suspension helps to smooth out bumpy jobsite conditions and keep you comfortable for hours.

#### **Air-Suspension Seat**

The TL723 includes an air-suspension seat that adjusts to the operator's weight, enabling maximum comfort for a long day's work.

#### **High-Comfort Heated Air-Suspension Seat**

The TL923 features a high-comfort, heated air suspension seat. It adjusts to the operator's weight for maximum comfort during a long day's work. When it's cold outside, the heated seat makes a perfect complement to the automatic temperature control.

#### **Seat-Mounted Joystick With Adjustable Armrest**

As the TL923's suspension seat moves up and down, the joystick moves with the seat for added comfort and enhanced controllability during operation. Operators can adjust the joystick up and down to their preferred position.

#### **Multi-Control Joystick**

Experience an industry-leading joystick that sets Bobcat telehandlers apart. One joystick controls travel direction, lift and tilt functions, boom extension, and auxiliary hydraulics. This gives the operator the ability to accurately lift loads. It also allows operators to use several machine functions at the same time and from one control point, enabling more precision and higher productivity without having to remove their hand from the joystick. Fingertip control access makes it easy and comfortable to operate the telehandler.



#### **Radio Ready**

Bobcat telehandlers come radio ready with wiring, speakers and antenna. A quick and easy install of this stereo system will enhance your operating experience.

#### **Work Lights**

LED work lights are strategically positioned on the machine – two on the front of the cab, one on the rear of the cab and one on the right, rear frame – giving you the light you need to work in low light levels or finish a day that extends into evening hours.

#### **Road Lights**

Bobcat telehandlers include standard high- and low-beam headlights, turn signals, four-way flashers, brake lights and reverse lights.

#### Standard Heat and Air Conditioning

The AC unit is integrated into the machine, without a bulky add-on unit to obstruct your visibility or get in your way. Automotive-style vents allow you to point the air where you need it, providing greater comfort in all weather conditions.

#### Optional Keyless Start System

The keyless start option gives you the convenience of keyless start and the added security of an owner-defined numeric code.

#### Tilt and Telescopic Steering Wheel

The steering wheel can be adjusted to find the perfect fit for any operator.

#### **Smart Handling System (SHS)**

SHS combines productivity and precision, allowing you to set the boom speed for lifting, telescoping and tilting, adapting the machine to your work. It's ideal for achieving precise boom motion when the job demands high-rpm performance.

#### **Boom Cushioning System**

The boom cushioning system makes it easier to confidently handle your load, allowing for smoother motion as the attachment angles to its minimum or maximum pitch, or when the boom reaches full retraction.



# SIMPLE CONTROLS

#### **Dynamic Braking System**

The dynamic braking system will decelerate and stop the machine as soon as you let your foot off the accelerator pedal — unlike a torque converter-style transmission that coasts before coming to a complete stop. This gives you maximum control on slopes where you can easily inch your way up or down without having to apply the brake.

#### Automotive-Style Foot Pedals and Steering Wheel

The familiar steering wheel, accelerator pedal and brake pedal make maneuvering around jobsites simple.

#### **Semi-Automatic Wheel Realignment**

When you cycle through different steering modes, the Bobcat telehandler wheel alignment system semi-automatically reorients your wheels to quickly and easily transition from front-wheel, all-wheel, crab steer and semi-crab steer.

#### Automatic Parking Brake With Slope Assist

When you release the accelerator pedal as the engine idles, the telehandler parking brake automatically engages for operator convenience. To disengage, press the button on the instrumentation panel or press down on the accelerator pedal. The telehandler's slope assist holds the machine's position on inclines and trailer ramps, giving you easier, more intuitive control on every type of surface.

#### **Brake Pedal With Inching Control**

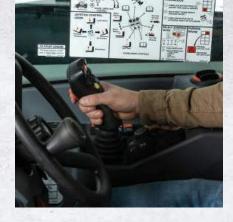
Slowing down the machine to load a truck or carefully maneuver around obstacles should not slow down hydraulic performance. Bobcat telehandlers feature a brake pedal with inching control that allows you to precisely manage ground speed while maintaining engine rpm. This allows you to retain full power to the work group and the attachment for quick cycle times.

#### **Jog Shuttle**

The jog shuttle provides easy display navigation. Scroll through the navigation bar and press the button to activate the desired function. You can reach any of your main screens' handy shortcuts with the jog shuttle.

#### **Multi-Functional LCD Screen**

The standard 5-inch LCD display provides full-featured machine interaction and monitoring capabilities from right in the cab. Access diagnostics and detailed operation information including monitoring, troubleshooting and error conditions. If there's a problem with the system voltage, engine oil pressure, engine coolant temperature and other major functions, you'll know. Get a clear, easy-to-read overview of machine operation at the touch of a button, including job hours. travel or engine speed, boom angle, auxiliary hydraulic flow setting, and much more. Operators can run equipment more efficiently and solve more problems in the field with the on-screen content.







Convenient, intuitive and easy to find, a Bobcat telehandler's simple controls make operation easy and productive.

# EAS SERVICEABILITY



Bobcat knows you want to spend your day working – and not gaining access to your machine components. That's why Bobcat telehandlers are designed for quick routine maintenance and simple repairs.

## SIMPLE COOLING SYSTEM CLEANOUT

The side-by-side mounted radiator, oil cooler and fan provide a clean engine compartment layout for easy access. Dirt and debris removal is quick and simple whenever cleaning is necessary.

#### DOUBLE-ELEMENT AIR FILTER

Uptime protection is critical for a machine this versatile, and it starts with a double-element air cleaner system.

## ADJUSTABLE BOOM GUIDES

Nylon wear pads, on the inside corners of the extendable boom, allow for better guidance and reduce free play of the boom. They're easily adjustable and require minimal servicing and greasing.

### BOBCAT SERVICE ANALYZER

This feature allows your dealer to download machine performance data to a laptop – including faults, warning codes and more – to quickly troubleshoot machine issues and correct them.

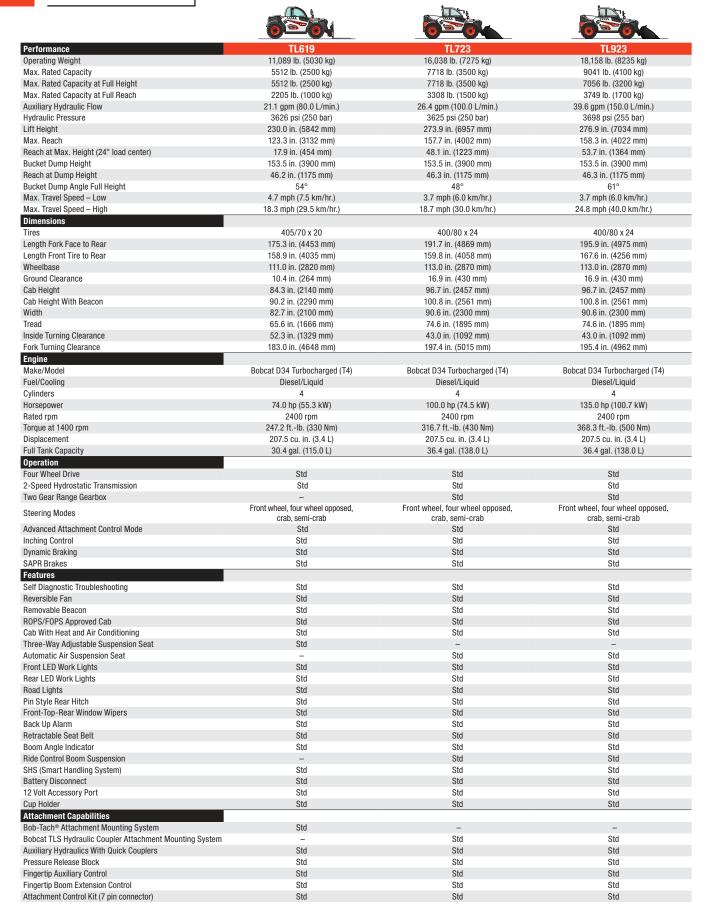
#### **OIL FILTER ACCESS**

The oil filter and other service points are conveniently located for easy access and simple, fast serviceability.

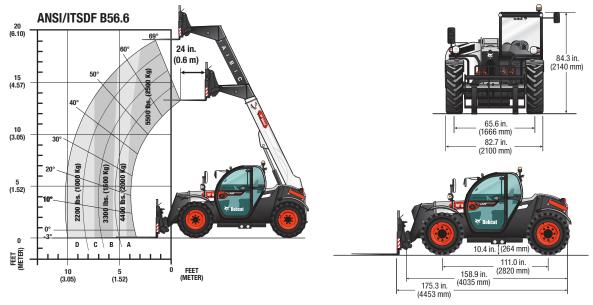
#### **EASY ENGINE ACCESS**

The side-mounted engine puts routine maintenance checks, filters and other engine components in easy reach.

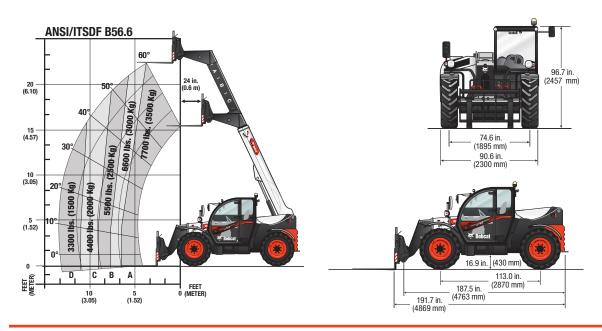
#### **SPECIFICATIONS**



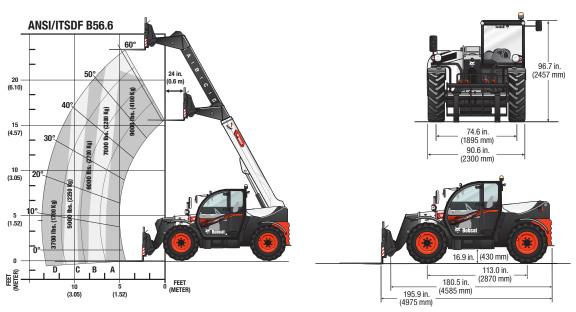
#### TL619 -



#### **TL723**



#### **TL923**





#### B O B C A T T I M E L I N E













Excavators















**Excavators** 

Loaders

Mowers 



# YOU ARE ANIMAL

Everything we put into Bobcat equipment is designed to make more of whatever you bring to the job. Whether it's strength, versatility, speed or agility, it's built around you.

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 Boocat units may show other than standard equipment. All dimensions are given for Bobcat telehandlers with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

DOOSAN

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