



# Bobcat®

## T2556 / T2566

### Telescopic Handlers



# The Bobcat® spirit

In Bobcat® telescopic handlers, the tradition lives on. Innovative engineering, state-of-the-art hydrostatic drive and ergonomic joystick controls combine to provide superior performance in one multi-purpose machine.



Bobcat® telescopic handlers offer exceptional stability, manoeuvrability, smooth telescoping action, speed and power, making them ideal for handling and placing materials, loading, digging, grading, back-filling, removing snow, and much more. A light, robust, unitized frame gives Bobcat® telescopic handlers the strength to lift as much or more than heavier machines in the same class. A side-mounted engine and low-mount boom provide better all-around visibility. And a Quick-Tach system, hydraulically activated as an option, makes hooking up and disconnecting attachments a breeze.

## **Compact and highly manoeuvrable**

Compact and easy to handle, the Bobcat® T2556 and T2566 telescopic handlers are an invaluable aid in agriculture for handling bales of hay and straw, mucking out cowsheds or hen houses and for general material handling. With a width and height both around 2 m, these Bobcat® telescopic handler models will go almost anywhere.

### **Machines to make your life easier**

The compact size and high performance make the T2556/2566 ideal for work in construction, on urban redevelopment sites as well as for industrial applications. Simplified maintenance and the high degree of protection for mechanical and hydraulic components are especially important advantages for the hire market.

#### **Component protection**

- The crowding cylinder is housed in the nose of the boom, which ensures that it is well protected.
- The same protection is provided for the hydraulic hoses.
- The reinforced underside provides protection for the engine and other vital components when travelling over rough terrain. The engine is housed in a cradle which isolates it from dust. This helps to keep it clean and makes it easier to inspect and maintain the engine.

#### **Maintenance**

- Bobcat® telescopic handlers are designed on common platforms. The main components and control points are always located in the same place to simplify maintenance operations.
- For routine maintenance, Bobcat® telescopic handlers offer excellent access to all main components. Moreover, no specialized tools are required for this work.



# Comfort and Safety

Comfort is paramount in every Bobcat® telescopic handlers.



## Operator cab

The cab is designed to provide a maximum of space with easy to use controls, so the operator is able to work all day long in a comfortable environment that promotes productivity. The cab design incorporates advanced technology that meets every requirement in terms of ergonomics, comfort and safety.

Bobcat® telescopic handlers offer excellent visibility, which is especially beneficial when operating in the following situations:

- forwards for picking up equipment
- upwards for positioning at maximum height
- all-round for manoeuvring
- backwards for safety



Two outer rear-view mirrors are fitted as standard, throughout the range. The cabin Bobcat® telescopic handlers rests on 3"Silentbloc" shock absorbers and is fitted to the chassis via the patented "Zebulon" suspension system, which absorbs impact energy when operating the telescopic handler.

#### **Cab features:**

- large, functional space for the operator
- internal cab width of 92 cm
- multiple adjustments for seat and backrest
- safety belt
- adjustable steering column
- multifunctional, proportional joystick
- efficient heating / demisting
- access handles
- step
- working lights
- compliance with ISO ROPS and FOPS standards

#### **Options**

- air conditioning
- windscreen protection grid
- roof window wiper

#### **Easy-to-use controls**

- single loader-style hydraulic joystick for boom and bucket functions.
- boom extension and auxiliary functions activated by variable control thumb wheels on joystick.
- single shuttle lever for forward, reverse, high and low speeds.
- single lever for turn signals, horn and high-beam road lights.
- tilt and telescoping steering wheel column.

#### **Hydrostatic Transmission**

All Bobcat® telescopic handlers have a simple-to-use, heavy-duty industrial hydrostatic transmission.

- great wheel torque for digging and pushing.
- dynamic braking.
- shift on the fly; smooth transition between low and high speeds.
- two speed ranges
- two operator preference modes along with inching capabilities.

#### **Safety**

Working safely is essential. The operator is informed at all times about the load being handled. A visual and audible signal notifies the operator in the event of longitudinal instability. In addition, to ensure a maximum level of safety, several safety devices (both active and passive) are provided as standard equipment.



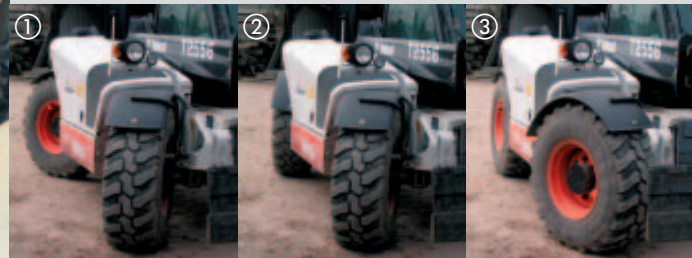
# Performance

Bobcat® telescopic handlers use advanced technology providing optimum performance and manoeuvrability and a host of other advantages.



## Standard features for superior performance:

- 2-speed hydrostatic transmission and electronic control for greater flexibility and precision.
- 4-wheel drive (permanent)
- 3 steering modes for ease of handling:
  - ① All-wheel steer for on-site handling (small turning circles)
  - ② Crab-steer for positioning loads from side-to-side in restricted areas
  - ③ Front-wheel steer for travel on roads
- proportional power steering for a comfortable and responsive drive.
- 4-function ergonomic joystick for comfortable, accurate control of the boom.
- sealed chassis designed for strength using the CAD\* (Computer-Aided Design) finite element method.



These features are all standard on Bobcat® telescopic handlers to ensure superior performance. Bobcat® telescopic handlers are assembled using state-of-the-art components utilising the latest technological developments.

### **Load Chart**

Don't just look at the rated capacity and maximum lift height. Study the load chart for the range of applications covered. In particular, look for the following:

- the capacity at maximum height
- the forward reach at maximum height.
- the maximum forward reach
- the capacity at maximum forward reach

Customers have specific loading or material handling requirements and these factors are all important when choosing the best lifting equipment.

### **Frame**

A light, rigid, unitized frame provides the strength to lift as much or more than heavier machines in the same class. The light box chassis design also contributes to low fuel consumption.

### **Extendable Boom**

Two-section boom protects cylinders, hoses and lines. Optimal rear pivot position for superior digging ability and excellent reach at maximum lift height.

### **Engine**

A side-mounted engine allows better visibility to side and rear of machine, low machine profile and convenient serviceability.

### **Transmission Work Mode**

Mode switch allows operator to choose method of transmission operation: Turn on for applications requiring higher wheel torque, such as pushing, stockpiling or truck loading. Turn off for normal work conditions.



# Versatility

Bobcat® telescopic handlers are truly flexible machines that can be equipped with a wide range of attachments for applications in construction, rental, public works, agriculture, landscaping, industry and many other activities.

## Construction

Material handling, placement of prefabricated panels, roof trusses, excavating and loading, back filling, grading, cleanup, and much more.

## Rental

Rent the telescopic handler for material handling, excavating, loading and as a carrier for attachments.

## Agriculture and landscaping

Handling bales, silage and fertilizer; loading trucks and wagons, stockpiling, grading ; cleanup.

## Buildings and Grounds

Load, unload, transport and pile compost, dirt, mulch, rock, stone and trees in and around buildings and other facilities. General maintenance and material handling, loading trucks and trailers, transferring waste, cleanup of leaves, tree branches and brush.

## Industrial

Recycling (plastic, paper, metal), waste handling, loading trucks and containers, picking and placing material.

## Snow Removal

Pile snow higher and maximize as much room as possible in parking lots and driveways, alleys, warehouse lots, and farmyards.

## Hydraulic Quick-Tach

For fast, easy mounting and dismounting of attachments. The operator can hook up non-hydraulic attachments without leaving the telescopic handler cab. Hydraulic Quick-Tach saves time on every job site.



# More than just a machine

## **Aftersale support**

Bobcat® telescopic handlers are supported by the finest and largest network of distributors in the industry. No matter where you are, you're probably not far from a distributor who can offer you prompt, professional service and support for your equipment.

## **Warranty**

When you buy a Bobcat® telescopic handler you also receive free parts and labour for one year/1200 hours to repair any problems due to faulty material or workmanship. You can also extend the warranty to 24 months/2200 hours or even 36 months/3200 hours.

## **Training**

To obtain optimum performance from a Bobcat® telescopic handler, operators should receive full training in both operation and safety.

## **Financing**

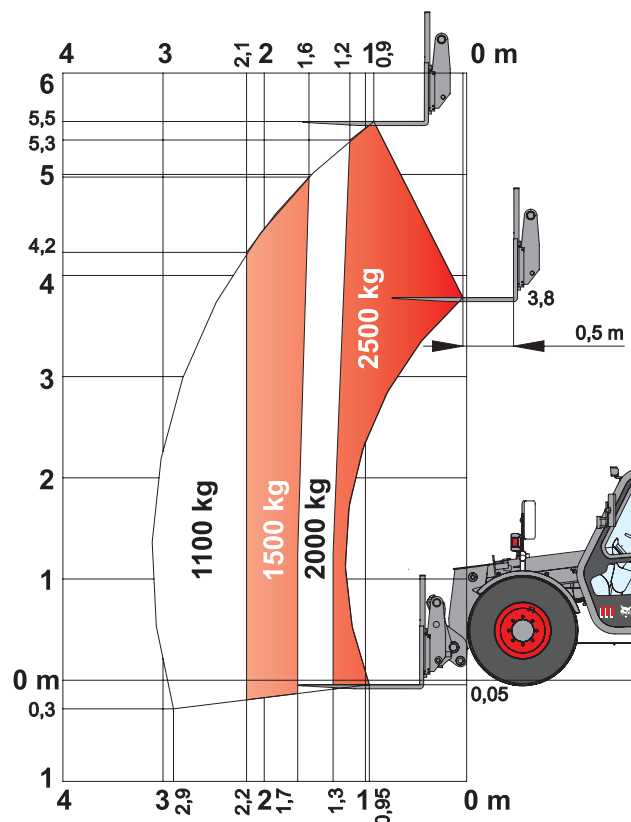
Your buying decision can also be affected by financing options. Your Bobcat® distributor will help you find the best finance option to help you enjoy the many benefits of owning and operating a Bobcat® telescopic handler.



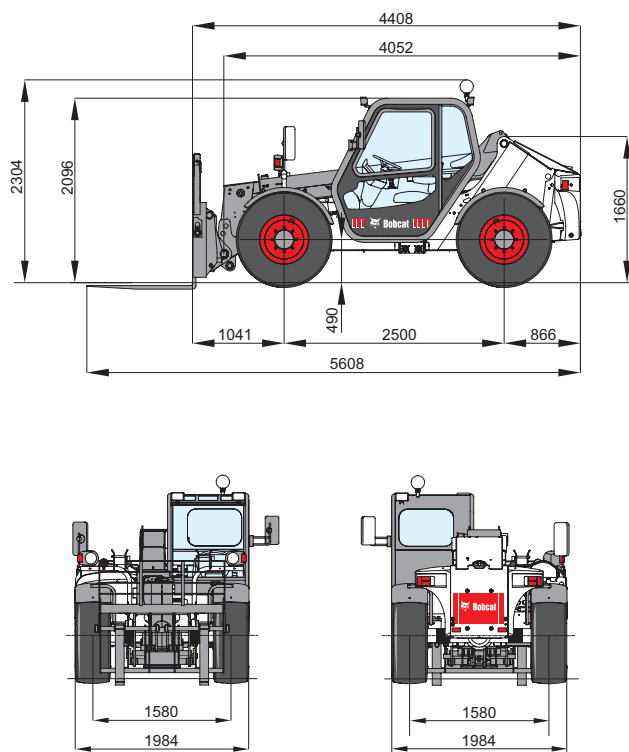
# Specifications

## T2556 Load Charts

With forks and TITAN 400/70 x 20 tyres

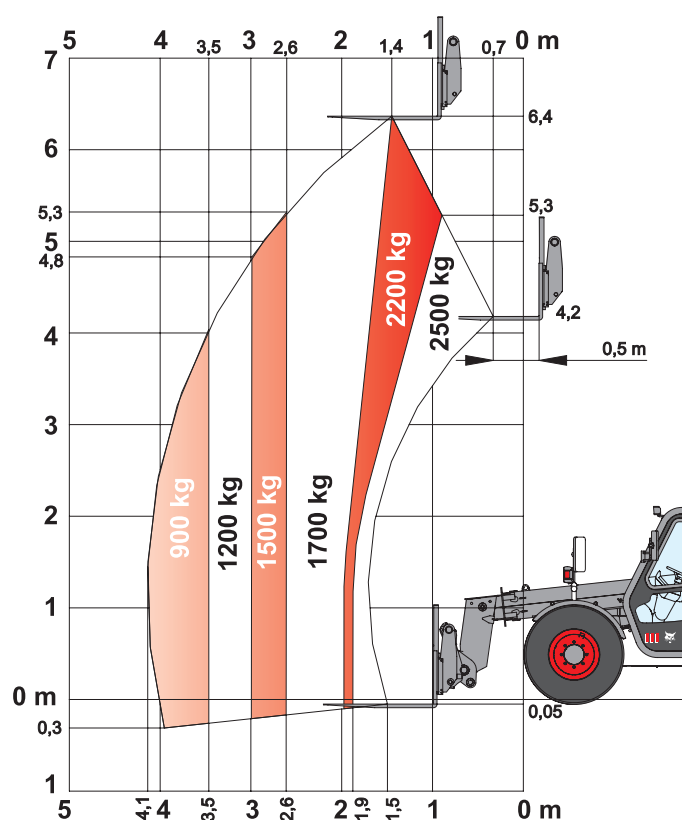


## T2556 Dimensions

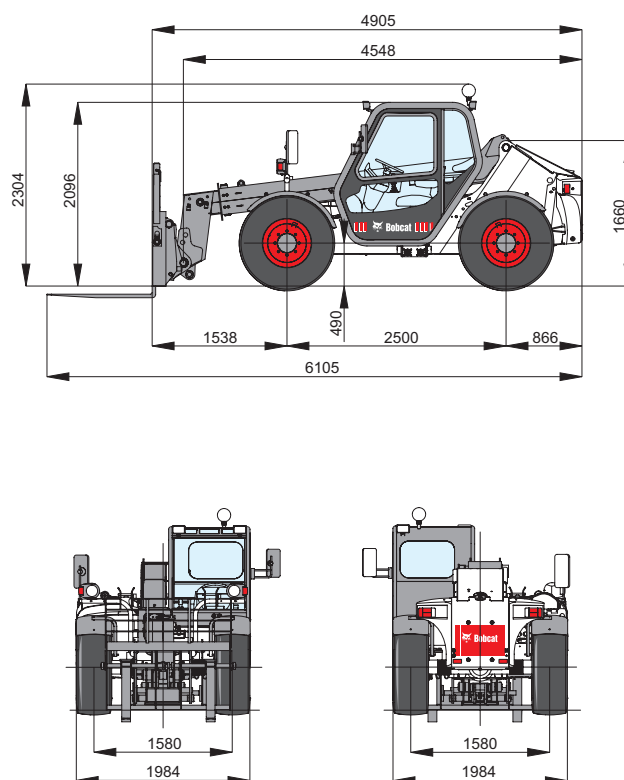


## T2566 Load Charts

With forks and TITAN 400/70 x 20 tyres



## T2566 Dimensions



<b>Performance</b>	<b>T2556</b>	<b>T2566</b>
Lifting height	5560 mm	6450 mm
Rated capacity	2500 kg	2500 kg
Capacity at max. height	2500 kg	2500 kg
Capacity at max. reach	1100 kg	900 kg
Max. reach	3120 mm	4050 mm
Crowding force	3600 daN	3600 daN
<b>Weights</b>		
Weight (unladen)	4820 kg	5350 kg
<b>Traction</b>		
Standard tyres	400/70x20 150B	
Low speed (forward/reverse)	0–8 km/h	
High speed (forward/reverse)	0–30 km/h	
Driving modes	Direct drive / soft drive	
<b>Drive System</b>		
Transmission	Variable displacement hydrostatic pump	
Main drive	Hydrostatic motor	
<b>Engine</b>		
Make / Model	PERKINS / 1104C-44T turbo	
Fuel / Cooling	Diesel / Water-cooled	
Rated power (DIN 6271) at 2200 RPM	74.5 kW (100 HP)	
Maximum torque at 1400 RPM	412 Nm	
Number of cylinders	4	
Displacement	4.4 l	
<b>Hydraulic System</b>		
Pump type	Gear pump	
Combined pump capacity	130 l/min	
Working pressure	265 bar	
<b>Cycle Time</b>		
Lift time - no load	6.5 s	6.5 s
Lower time - no load	4.0 s	4.0 s
Telescope in, time at max. reach - no load	6.0 s	6.5 s
Telescope in, time at max. height - no load	6.0 s	6.5 s
Telescope out, time at max. reach - no load	7.0 s	8.0 s
Telescope out, time at max. height - no load	7.0 s	8.0 s
<b>Brakes</b>		
Engine braking	Hydrostatic	
Parking and emergency brake	Mechanical, acting on both axles	
<b>Fluid Capacities</b>		
Axles and reduction gears front / rear	11.9 / 11.4 l	
Engine oil	8.5 l	
Fuel tank	115 l	
Hydraulic reservoir	77 l	
<b>Standard Features</b>		
Hydrostatic transmission, ROPS/FOPS operator cab, Heating, demisting and ventilation, Front and rear washer/wipers, Suspension seat, Two way hydraulic supply at the end of the boom, Narrow hook-up for mounting of the equipment, Mechanical lock of the equipment		
<b>Options</b>		
Aggravating Movements Arrester (AMA), Reverse drive alarm, Second hydraulic function on boom, Cab air conditioning, Rear hydraulic hook and mirror, Rotating beacon, Cooling fan reverser for cleaning purpose, Rear hydraulic connection, Trailer brake valve, Work light on boom, Set of blue lights for hen houses, Hydraulic lock of equipment, Yoke and electrical plug, Roof windscreen wiper, Windscreen grill, Transmission lock override		



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