

TL360 - TL470 | Telescopic Handlers



A NEW ERA

■ A telescopic loader designed around you

The new Bobcat TL range of telescopic loaders is designed to excel in the most demanding construction or agricultural applications. These versatile machines incorporate all the benefits of our long experience and dedication to constant improvement. They combine tried and tested principles with innovative design, state-of-the-art technologies and a commitment to meeting the ever-growing demands of your working day. The Bobcat TL range delivers all the power needed in a compact, strong and agile machine, developed with the operator right at the centre of the design.

Fast hydraulic action

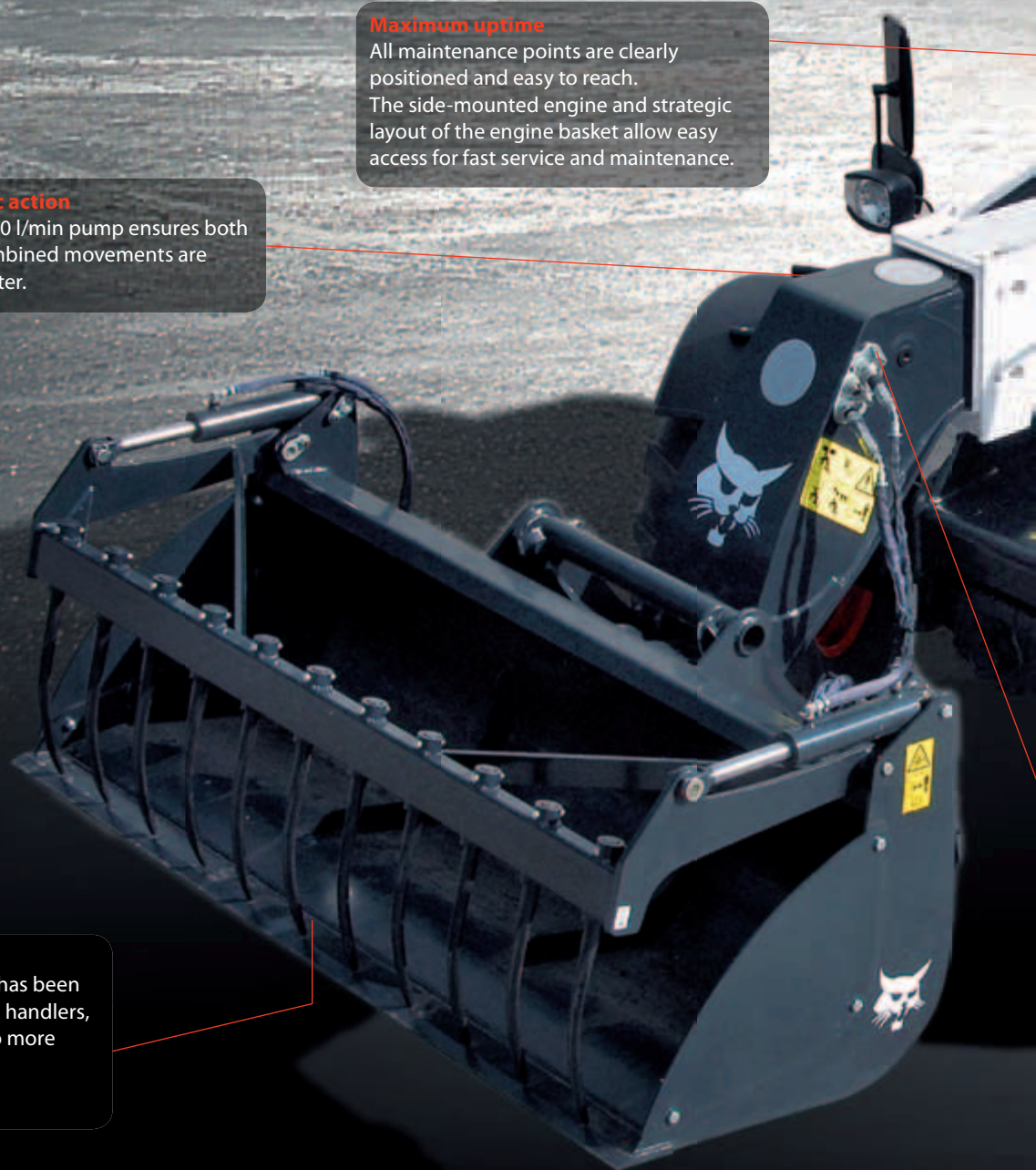
An optional 190 l/min pump ensures both single and combined movements are carried out faster.

Maximum uptime

All maintenance points are clearly positioned and easy to reach. The side-mounted engine and strategic layout of the engine basket allow easy access for fast service and maintenance.

Attachments for every job

A full selection of attachments has been developed for the TL telescopic handlers, offering you the flexibility to do more with one machine.



Unbeatable strength

The boom structure is designed for power and strength. A fully integrated boom head provides the reinforcement to take on the most demanding jobs.

Total visibility

The patented asymmetric cab design with a rounded rear window offers maximum all-round visibility, both horizontally and vertically.

An ideal ergonomic workspace

The cab is wide and airy with controls that are ergonomically designed and logically positioned. This means higher levels of comfort, control and productivity.

Long-lasting performance

Demanding lifetime targets were set for the mainframe and boom in order to pass our rigorous quality and durability tests. The result is an extremely resistant machine that's ready to handle your toughest jobs, year after year.

Bobcat hydraulic quick couplers

Changing hydraulically powered attachments is both easy and fast with our unique quick couplers.



As tough as your hardest jobs

To tackle all the demands of a busy working day, you need to be confident in your machine. The TL range has been carefully designed to give you that confidence. Its strong structure was specially developed for high-stress heavy loading. Robust and reliable, it's ready for action, no matter the application.

■ Built to last – stronger, smarter

The new Bobcat TL range features a robust boom with a fully integrated boom head that adds extra strength to handle heavier loads. It was designed for a long, productive life. The strong boom structure incorporates protection for vital parts such as the lift cylinder – enhancing the machine's durability and reducing

the risk of damage and downtime. The boom pivot point and lift cylinder bracket have been specifically developed for maximum loads and minimum stresses on the boom, pivot point and chassis.

■ Born to load – easier, faster

Faithfully following Bobcat tradition, the TL range offers compact solutions that let the operator safely and comfortably handle heavy loads at significant heights. A new robust main frame and protected chassis design, coupled with an enhanced boom structure featuring a bigger cross section and a longer boom overlap will ensure that any loading application is within easy range.





Broaden your horizons...

Unrivalled spatial awareness at all times: good visibility is more than just what meets the eye. For the ideal working conditions you need a view that extends outside the immediate loading area. The new Bobcat TL models offer just that - a range of vision that surpasses anything you have seen before.

Maximum operational safety: our innovative cab design ensures that operators are fully aware of their surroundings at all times. This allows much smoother working processes with higher safety levels and improved productivity.

Lasting value: a clear overview of the surroundings means less risk of bumps and scrapes to the machine while working. This greatly increases the resale value of your telescopic loader.



Designed around the operator

The new TL cab gives you the most relaxed, comfortable and confident working conditions. The latest innovations for comfort and control are combined with modern, ergonomic and practical layout. Operator safety and comfort are top priorities in every detail.

- The patented asymmetric cab structure allows for a spacious work environment with an optimal all-round view of the work site, including what's going on overhead
- The fully integrated electronic dashboard gives the operator an excellent overview of the machine's performance – all at the touch of a button
- All controls are designed for ease of use and positioned within arm's reach
- An optional Comfort Pack is available, containing an armrest, roof window wiper, document holder and additional convenience features



■ FNR (Forward / Reverse control)

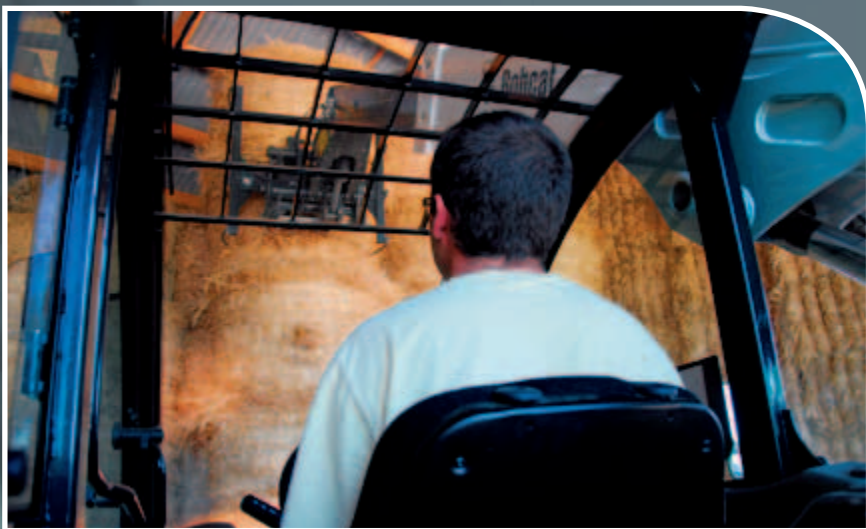
Technology that moves you forward - and backward:

the forward/reverse control function was placed on the joystick to give maximum control of the machine. Select the driving direction at the touch of a button while still keeping a grip on both the steering wheel and the joystick. This allows for fast and easy changes between forward and reverse with optimum reactivity and complete, confident control of all machine functions.

- Productivity and flexibility are enhanced as forward/reverse movements are combined with driving and positioning of the machine
- Safety is improved as the operator always has one hand dedicated to steering







■ 360° visibility

A new industry standard: a clear view from every angle was essential to our vision for the new TL range. The unique rounded form of the rear window leaves an unobstructed view across the rear of the machine. The patented asymmetric cab design doesn't just ensure full ROPS and FOPS protection, it also leaves the rear right corner free of structural components and thereby gives an open field of vision at the back. The low position of the boom pivot point further enhances rear visibility.



A full-glass door is available in the comfort pack for even better visibility when operating in tight spaces. This allows you to work safely in closer proximity to buildings and other structures.

... and do some work-out!

Loves heavy jobs: the Bobcat TL range is designed and built for heavy duty applications. Robust and agile, it places difficult jobs and higher performance levels easily within your reach.

Rises to a challenge: a range of features allow the machine to become even stronger, tougher and more efficient. The combination of a larger engine with a higher flow load sensing pump offers you extra power for unmatched performance*.

Wastes no time: whatever the job, travel time is downtime. The new Bobcat TL models feature a 40 km/h option which allows the machines to move quickly between job sites and be back at work in no time at all.

*Standard on the TL470 HF





High performance standards no matter the job

The new Bobcat TL range of telescopic handlers has the power you need to tackle even the most difficult jobs with ease. Each machine is powered by a side-mounted engine, with 100 HP and 130 HP* models available. Coupled with hydrostatic transmission for smooth operation, they deliver unrivalled torque and traction.

An optional 190 l/min load sensing pump* adds extra speed when performing single and combined movements, allowing even more productivity when you need it.



*Standard on the TL470 HF



■ Be strong, remain comfortable

Boom suspension for added productivity:

experience less discomfort and increase load retention while driving on rough terrain – be able to work longer with less fatigue while improving productivity.

Hydraulic quick couplers for high efficiency ①

Integrated pressure-release quick couplers are conveniently mounted on the boom head and protected by the boom head overhang, making changing of hydraulic attachments fast and easy.

User-friendly electronic dashboard ②

The clear, easy-to-read display shows an overview of all operating parameters at the touch of a button. These include: engine or job hours, vehicle or engine speed, boom angle, speed management, auxiliary hydraulics, etc.

Rear hitch options ③

Various hitch options are available to match your needs.



①



②



③

Maximised uptime

No other manufacturer provides so many job-proven features to give you more uptime in the field. Features such as electronic battery switch and onboard diagnostics make the Bobcat telescopic handler more reliable and make sure you can keep working right through until the job is done.

Uptime protection doesn't just mean you can stay in the field longer, it also protects your investment by contributing to a higher resale value.



■ Easy maintenance

Minimised downtime gives you the edge when it comes to productivity. Time spent on routine maintenance makes a big difference, so we keep it quick by making sure you have easy access to the key maintenance components.



■ The service you trust from the dealer you know

Our well-developed dealer network has the knowledge and experience to take the best care of our Bobcat customers. No matter where you are, you'll get the service you expect – and can depend on!





TL360

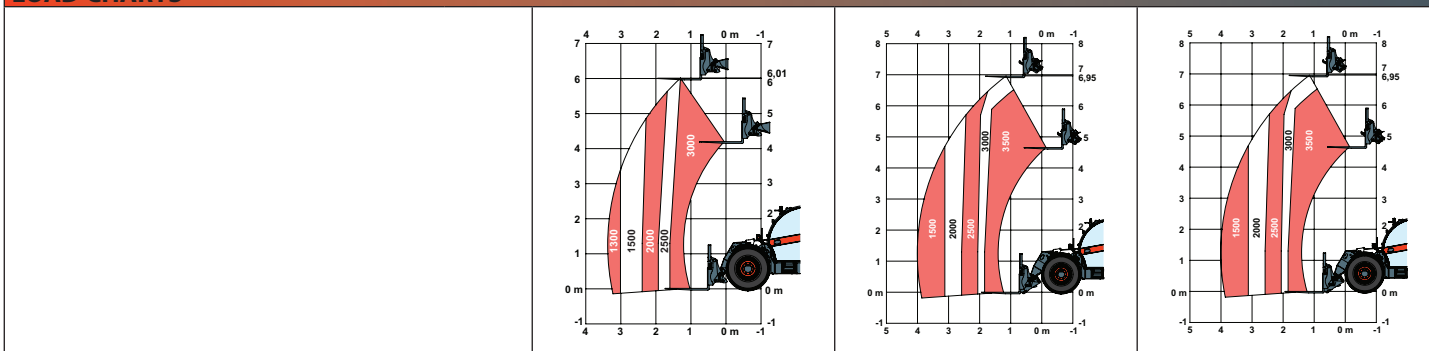


TL470



TL470 HF

LOAD CHARTS



PERFORMANCE

Maximum lift capacity	kg	3000	3500	3500
Maximum lift height	mm	6010	6957	6957
Maximum forward reach	mm	3365	4002	4002
Lift capacity at full height	kg	3000	3000	3000
Lift capacity at full reach	kg	1300	1500	1500
Crowding force	daN	5700	6200	6200

DIMENSIONS

Overall width	mm	2300	2300	2300
Overall length (with carriage)	mm	4653	4763	4763
Overall height	mm	2374	2374	2374
Ground clearance	mm	430	430	430
Wheelbase	mm	2870	2870	2870
External turning radius (at tyres)	mm	3714	3714	3714
Internal turning radius	mm	1092	1092	1092

ENGINE

Make / Model		Perkins / 1104D-44TA	Perkins / 1104D-44TA	Perkins / 1104D-E44TA
Fuel / Cooling		Diesel / Liquid	Diesel / Liquid	Diesel / Liquid
Rated power (DIN 6271) at 2200 RPM	kW (HP)	74.5 (100)	74.5 (100)	97 (130)
Maximum torque at 1400 RPM	Nm	410	410	510
Number of cylinders		4	4	4
Displacement	l	4.4	4.4	4.4

WEIGHTS

Weight (unladen)	kg	6110	7130	7130
------------------	----	------	------	------

TRACTION

Standard tyres		400/70-20	400/70-20	400/70-20
1st Gear / Low range - (40 km/h option)	km/h	6 (6)	6 (6)	6
1st Gear / High range - (40 km/h option)	km/h	11 (12)	11 (12)	12
2nd Gear / Low range - (40 km/h option)	km/h	16 (18)	16 (18)	18
2nd Gear / High range - (40 km/h option)	km/h	30 (40)	30 (40)	40

DRIVE SYSTEM

Transmission		Hydrostatic with electronic regulation	Hydrostatic with electronic regulation	Hydrostatic with electronic regulation
Main drive		Hydrostatic motor + 2 speed gearbox	Hydrostatic motor + 2 speed gearbox	Hydrostatic motor + 2 speed gearbox

HYDRAULIC SYSTEM

Pump type		Gear pump with LS valve	Gear pump with LS valve	Load sensing pump
Combined pump capacity	l/min	100	100	190
Working pressure	bar	255	255	-

BRAKES

Service brake		Oil immersed discs	Oil immersed discs	Oil immersed discs
Parking and emergency brake		Negative brake with hydraulic command	Negative brake with hydraulic command	Negative brake with hydraulic command

Options and attachments

	TL360	TL470	TL470 HF
OPTIONS			
40 km/h travel speed	X	X	STD
Air conditioning	X	X	X
Air suspension seat	X	X	X
Auxiliary lines	X	X	X
Auxiliary lines with ACD	X	X	X
Back-up alarm	X	X	X
Basic tow hitch	X	X	X
Blue lights for hen houses	X	X	X
Boom float	X	X	X
Boom lights	X	X	X
Boom stop	X	X	X
Boom suspension	X	X	X
Cab with full glass window door	X	X	X
Catalytic purifier muffler	X	X	X
Coldstart	X	X	X
Cyclonic air pre-filter	X	X	X
Drawbar coupler tow hitch	X	X	X
Fan inverter	X	X	X
Fire extinguisher	X	X	X
Hyd. trailer brake valve	X	X	X
Hydraulically adjustable tow hook	X	X	X
Load sensing pump	X	X	STD
Lockable fuel cap	X	X	X
Manitou tool carriage	X	X	X
Protective grill for windshield	X	X	X
Quick-Tach tool carriage	X	X	X
Rear auxiliary	X	X	X
Rear electric auxiliary	X	X	X
Rear flat mirror	X	X	X
Rotating beacon	X	X	X
Special colour	X	X	X
Support for vehicle registration plate	X	X	X
Tool box	X	X	X
Wheel wedge	X	X	X
ATTACHMENTS			
Digging bucket 800 l	X	X	X
Light material bucket 1500 l	X	X	X
Light material bucket 2000 l	X	X	X
Light material bucket 2500 l	X	X	X
Round bale spike	X	X	X
Bale handler with tubes 1.30 m	X	X	X
Bale handler with tubes 1.60 m	X	X	X
Bale handler with tubes 1.80 m	X	X	X
Bale handler with tines 1.00 m	X	X	X
Bale handler with tines 1.40 m	X	X	X
Side shift carriage 200 mm – Type III	X	X	X
Rigid pallet forks FEM III	X	X	X
Fixed pallet forks w/ safety guard	X	X	X
Fixed pallet forks w/o safety guard	X	X	X
Floating pallet forks 1.12 m	X	X	X
Floating pallet forks 1.44 m	X	X	X
Bucket grapple 2.30 m	X	X	X
Fork grapple 2.30 m	X	X	X
Crane jib w/ hook 0.70 m (3.0 t) °*	X	X	X
Industrial sweeper °*	with forks	with forks	with forks
Concrete bucket 500 l w/ hydr. opening °*	with forks	with forks	with forks
Concrete bucket 500 l w/ mech. opening °*	with forks	with forks	with forks
TYRE OPTIONS			
TITAN 400/70-20 150B/166A2 Lift Rigger II	X	X	X
DUNLOP T37 400/70-20 150B	X	X	X
DUNLOP 405/70R20 168A2 152J MPT SPT9	X	X	X
MICHELIN 400/80-24 162A8 IND TL POWER CL	X	X	X
MICHELIN 460/70R24 159A8/159B XMCL IND TL	X	X	X
DUNLOP 405/70R24 168A2 152J MPT SPT9	X	X	X
NOKIAN 460/65R24 156A8/151D TRI STEEL TL	X	X	X

° Availability schedule to be confirmed – * Available in Quick-Tach tool carriage only – Attachments available with Quick-Tach tool carriage and Manitou tool.

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.

www.bobcat.eu



Bobcat®

