

### **CONSTRUCTION TELEHANDLERS**















One Tough Animal.

## BOBCAT TELESCOPIC CENTER OF EXCELLENCE WITH MORE THAN 50 YEARS OF EXPERIENCE

All Bobcat rigid telehandlers are designed and produced at our Center of Excellence in Pontchâteau, France. With more than 50 years of experience in creating material handling machines, this ISO 9001 certified factory applies the outstanding Bobcat Quality standards.



**Bobcat** 

With a high level of technological integration from boom and frame welding to machine final assembly, our productivity and quality are ensured by modern production equipment such as welding robots, shot-blasting line, two-layer paint booth, and world-class components integration.

Each machine produced in this factory goes through a rigorous and extensive testing process before delivery, including: regulatory checks, performance compliance, quality inspections and all machine functionalities.

## OUR STANDARD 3-YEAR MANUFACTURER WARRANTY BENEFITS YOU IN MANY WAYS\*

With 50 years of experience in compact equipment design, Bobcat has a proven reputation for high quality standards and best-in-class technologies.

Every day, all of our energy is focused on delivering high-quality products through selection of leading and proven suppliers, integrated design, reliability/endurance testing, and a manufacturing process in which 100% of our production units are individually checked and quality approved.



The level of excellence achieved on Bobcat Telescopic Handlers leads Bobcat company to offer a 3-year standard warranty (or 3000 hours, whichever occurs first).

Efficient and Reliable, a Bobcat Telescopic Handler is built to last and to do the job every day as a real partner.

## NEW BOBCAT STAGE IV ENGINES: HIGH PERFORMANCE AND EXTREME RELIABILITY!



Bobcat has designed its own Stage IV turbocharged engines from Telehandler user requirements: adapted performances, extreme reliability, low fuel consumption and cost-effective maintenance.

All features in a compact design for higher visibility. Our in-house Center of Excellence for engines has extensive experience:

- 50 years of Engine Group experience in engine development, combined with 50 years of experience in compact equipment development.
- More than 1.5 million engines produced as top OEM manufacturer for a variety of industries: industrial machines, military vehicles, commercial vehicles, power generation, marine, ... Designed in collaboration with some of the world's top engineering consultants and engine design firms.

ENGINES		BOBCAT D34 STAGE IIIB - 75 HP	BOBCAT D34 STAGE IV - 100 HP	PERKINS 1104D-44TA STAGE IIIA		
Emissions		Stage IIIB / Tier 4 Final	Stage IIIB / Tier 4 Final Stage IV / Tier 4 Final			
Rated power	kW (HP)	55.2 (75) @ 2400 rpm	74.5 (100) @ 2400 rpm	74.5 (100) @ 2200 rpm		
Max torque	Nm	325 @ 1400 rpm	430 @ 1400 rpm	410 @ 1400 rpm		
Fuel / Cooling		Diesel / Liquid	Diesel / Liquid	Diesel / Liquid		
Number of cylinders		4	4	3.4		
Displacement	I	3.4	3.4	4.4		
Fuel injection		Electronically controlled + High Pressure Common Rail	Electronically controlled + High Pressure Common Rail	Electronically controlled + High Pressure Common Rail		
	<b>DOC</b> Diesel Oxidation Catalyst	•	•	-		
After-treatment system - Without Diesel Particulate Filter (DPF)	<b>EGR</b> Exhaust Gas Recirculation			-		
	SCR & AdBlue® Selective Catalytic Reduction with AdBlue® injection	-	•	_		

#### **Mastered costs** of ownership

Lower fuel consumption, no downtime, lower maintenance costs...

Turbo-charged air management + High Pressure Common Rail with electronic regulation

= enhanced performance and lower fuel consumption

**Designed with latest technologies** 

#### Field proven

Already several tens of thousands of units being used with high customer satisfaction

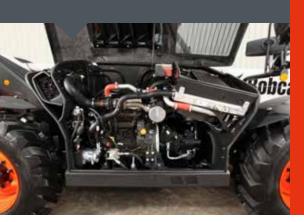


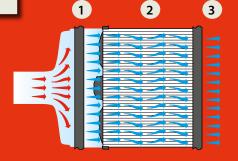
High power output and high low-end torque

**Combustion technology** 

No DPF

Bobcat engineers have worked intensively to design a compact engine while maintaining high performance and allowing easy access to main maintenance points.





Incorporated cyclonic air pre-filter for efficient filtration in dusty environments and longer service life thanks to:

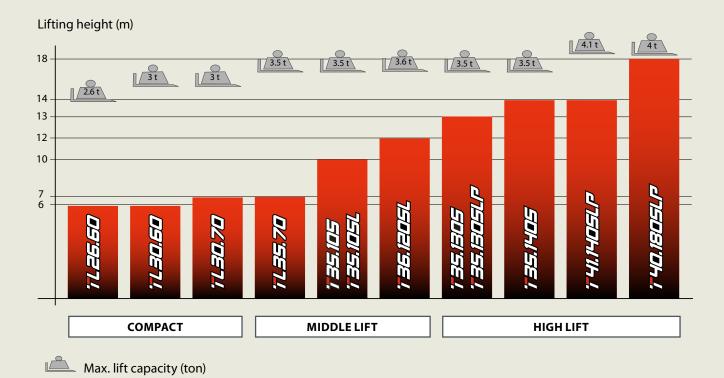
- 3-step filtration
- Pre-cleaners (1) which remove up to 95% of dust before reaching filters
- Easy access & filter replacement
- Straight air flow path allowing filter media to be packaged in a smaller space efficient profile with easier serviceability



# BOBCAT TELEHANDLERS: HIGH PERFORMANCE AT MAXIMUM REACH AND HEIGHT

Bobcat has more than 50 years of experience in designing top-class compact equipment, so telehandlers fit perfectly in the company's core business. With high stability, perfect balance, versatility, compactness, reliability and productivity... Bobcat Telehandlers offer high performance in tough conditions in agriculture, construction, waste management and many industrial applications.







#### **Telscopic loaders**

TL series Bobcat Telescopic Loaders are made for heavy-duty and high-productivity jobs. Thanks to a specific frame and boom shielded design with top-quality Bobcat features, they are perfectly suited to intensive loading and applications in the construction and waste industries.

#### **Telescopic handlers**

With reach, agility and strength, Bobcat T series Telescopic Handlers are particularly popular in the construction and rental industries. The combination of high performance, top-class features and ease-of-use makes these machines the ideal solution for demanding jobs and precision work.







#### **HIGH-PERFORMANCE**



#### evelling function

Useful function when the job has to be done on irregular terrain with slopes. By compensating for the slope, this feature keeps the machine in a horizontal position, resulting in greater stability.



#### **Boom Positioning System**

Unique side-shift system allows a load high up on pallet forks to be moved laterally, without moving the machine – effective on both stabilizers and tyres.



#### Wireless remote control and man-platform ready

Optional man-platform and remote control predispositions will transform your telehandler into a plug & play solution for aerial works or precise lifting jobs, and without unreliable cable roller.

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

This unique system adapts the machine to your work, combining productivity and accuracy.

You set the speed of the telescopic arms (lifting, telescoping, tilting) with the + and - buttons on the joystick.





Connecting hydraulically controlled attachments is made easy thanks to Bobcat Fast Coupling Systems with automatic pressure release.

Operator can adjust the hydraulic flow of the auxiliary line directly from the joystick.



In very dusty environments, this option helps prevent radiator clogup and adjusts fan speed according to temperature, resulting in lower noise and greater economy.









#### Cyclonic air pre-filter

Stage IV engines are all equipped with an integrated cyclonic air pre-filter to ensure efficient engine cooling.

#### **SIMPLICITY**

#### **Ergonomics**

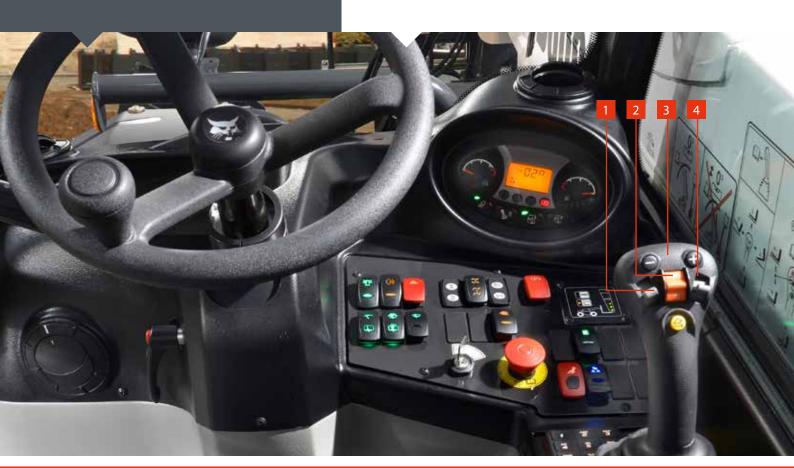
- FNR on Joystick puts maximum control at your fingertips. Select the driving direction at the touch of a button, while still keeping a grip on both the steering wheel and the joystick for improved safety and productivity.
- Aux flow control is easily and precisely controlled from the joystick.
- Adjustable steering wheel
- Intuitive meaning and clear layout of all switches
- 1. Boom in/out
- 2. Front / Neutral / Reverse
- Speed setting Auxiliary hydraulic flow setting
- 4. Auxiliary hydraulic line



#### **User-friendly electronic dashboard**

Frame-levelling angle, boom angle, vehicle or engine speed, boom angle, auxiliary hydraulic flow setting, and more...

At the touch of a button, you have a clear, easy-to-read overview of all operating parameters.



#### **Automatic parking brake**

Standard feature for enhanced safety & operator convenience: parking brake is activated and deactivated manually or automatically, per operator preference.



# Bohcat

#### Engine basket – easy access - simple maintenance

- Engine basket has been redesigned to allow optimized visibilty on right side as well as clear access to all main maintenance points.
- Increased hood opening and easy access to regular maintenance points such as oil filter, oil plug, air filter...

#### **ECO** mode

ECO mode maintains hydraulic performances without using the engine's full power – so you reduce fuel consumption while working effectively. (Standard features available with Stage IV engine.)



#### **Speed Management system (SMS)**

The operator can adjust the maximum travel speed, from 60m/h to maximum speed. This feature offers great comfort and efficiency when having to travel at constant speed and using an attachment.



#### Compactness = access

- Easy-to-use compact stabilizers ensure that the machine's full capabilities can be used in the most confined working areas.
- Stabilizer detection on ground - sensor continuously monitors the pressure to prevent drops/leaks and to ensure safe stab usage at all times.



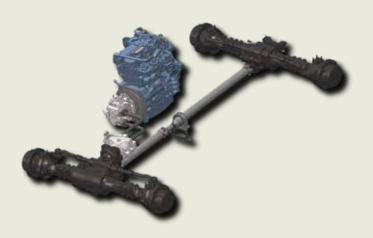


#### **RELIABILITY & SERENITY**

#### **Total visibility**

- Panoramic cab with large & rounded front window
- Large rear window
- Protective roof grid designed for maximum protection and enhanced visibility at full height.





#### Hydrostatic transmission for easy and comfortable drive

- Compact design allows easier integration and thus better visibilty, and its simplicity makes it reliable.
- Smooth and fast speed transition from low to high level without gear change (except on TL35.70), reducing tyre wear.
- Traction automatically and intuitively managed depending on torque and speed requirements, allowing the operator to focus on his task.
- Excellent engine brake and combined inching function, reducing brake disc wear.

#### 3 steering modes with semi-automatic wheel realignment:

- Semi-automatic wheel realignment helps the operator easily realign front and rear wheels when changing between the 3 steering modes.
- Two-wheel steering mode: road and high speed use
- Four-wheel steering mode: minimum turning radius
- Crab-steer mode: easier positioning alongside walls and in confined spaces







#### Shielded design

- Box-welded frame with bottom protection steel plates
- Integrated boom head design
- Long-lasting wear pads, highly resistant bolts, large steel inserts

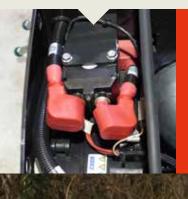


#### **Full protection of vital components**

The tilt cylinder in the boom head and most hydraulic components are fully protected.

#### **Electronic battery disconnection**

Electric switch ensures that the battery is not accidentally left connected overnight.



#### **Additional work lights**

Standard front & rear cab work lights provide good visibility. And combined with optional boom work light, it's even better!



#### **Aggravating Movement Arrester**

The load management system ensures safe operation at all times – regardless of the load. The display – positioned for maximum visibility – provides continuous clear information on load management.



## BOBCAT ATTACHMENTS: BEST FIT FOR BOBCAT TELEHANDLERS!

Quick-Tach tool carrier: this easy, yet powerful, mounting system allows the operator to mount and dismount attachments quickly.

He can even change non-hydraulic attachments without leaving the cab.





A WIDE RANGE OF ATTACHMENTS TO COVER MOST CONSTRUCTION APPLICATIONS:



Pallet forks: rigid or floating

Man-platform: can be fixed, rotating and/or extendable

#### Radio remote control

- Radio remote control can be used on man-platforms or for precise load placement in confined areas.
- No unreliable cable roll-up, this remote is radio controlled for operating boom movements, auxiliary functions and levelling system remotely.



Remote control



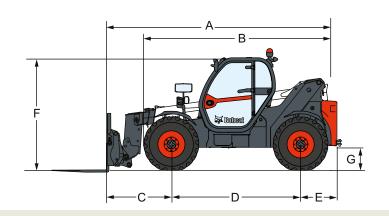
Jibs with hook: extended or not



Concrete basket

Buckets: for digging or light material handling

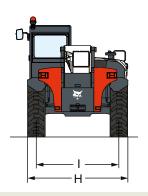
## SPECIFICATIONS AND DIMENSIONS

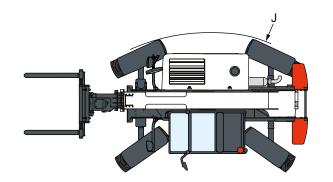


		UNIT	TL26.60	TL30.60	TL30.70	TL35.70
PEI	RFORMANCE					
Maxin	num lift height with standard tyres (on stabilisers when equipped)	mm	5800	5800	6670	6889
Maxin	num lift capacity	kg	2600	3000	3000	3500
Maxin	num forward reach with standard tyres	mm	3100	3100	4020	3915
Crowd	ling force	daN	4600	4600	4600	6200
Frame	e tilt angle	deg	-	-	-	_
Max t	ravel speed - 100 HP engine	km/h	30 40 (option + 24")	30 40 (option + 24")	30 40 (option + 24")	30 40 (option + 24")
Max t	ravel speed - 75 HP engine	km/h	30	30	30	30
EN	GINE					
BOBC	AT D34 - 75 HP - Stage IIIB / Tier 4 Final		•	•	•	-
BOBC	AT D34 - 100 HP - Stage IV / Tier 4 Final		•	•	•	•
PERKI	NS 1104D-44TA - 100 HP - Stage IIIA / Tier 3					•
DIN	MENSIONS					
	Standard tyres		405/70-20''	405/70-20''	405/70-20''	405/70-20''
Α	Overall length to forks face	mm	4507	4507	5056	4869
В	Overall length to front tyres	mm	4035	4035	4185	4145
C	Length from front axle to forks face	mm	1020	1020	1400	1356
D	Wheelbase	mm	2820	2820	2820	2870
E	Length from rear axle to machine rear	mm	667	667	667	643
F	Overall height std cab	mm	Low cab: 2100 High cab: 2250	Low cab: 2100 High cab: 2250	Low cab: 2100 High cab: 2250	2290
G	Ground clearance	mm	264	264	264	430
Н	Width over standard tyres	mm	2100	2100	2100	2300
	Overall width with stabilizers fully deployed	mm	-	_	_	_
I	Track width (front & rear)	mm	1700	1700	1700	1895
J	External turning radius at tyres	mm	3717	3717	3717	3714
K	Outside width of cab	mm	930	930	930	1013
	Weight (unladen - 100HP engine & STD tyres)	kg	4900	5320	5620	7135
	BPS Lateral amplitude	mm	_	-	-	_

TECHNOLOGIES	
Transmission	Hydrostatic motor with electronic regulation / 4-wheel drive Hydrostatic motor with electronic regulation / 4-wheel drive + 2-speed gearbox
Hydraulics - Gear pump with LS valve - 100 l/min (80 l/m with 74 HP engine)	Electro-proportional with flow sharing
Braking	Hydraulic passive brake system with oil immersed discs and automatic parking brake operation Inching function combined with brake pedal (slow drive speed without changing engine RPM)

<sup>■</sup> standard – not available







T35.105	T35.105L	T36.120SL	T35.130S	T35.130SLP	T35.140S	T41.140SLP	T40.180SLP
10290	10290	11852	12468	12468	13656	13656	17466
3500	3500	3600	3500	3500	3500	4100	4000
6886	6886	8198	8764	8764	9449	9449	12800
7800	7800	7800	12300	12300	12300	12300	12300
-	+/-6	+/-6	_	+/-4	-	+/-4	+/-4
25 (20") 30 (24")	30	30	30				
20 (20") 25 (24")	25	25	25				
•	•	•	•	•	•	•	•
•							
405/70-20"	405/70-20''	405/70-20"	405/70-20''	405/70-20''	400/80-24"	400/80-24"	400/80-24"
5071	5071	5442	5876	5876	6108	6108	6220
4192	4192	4192	4497	4497	4573	4573	4573
1422	1422	1793	1919	1919	2151	2151	2263
2850	2850	2850	2850	2850	2850	2850	2850
799	799	799	1107	1107	1107	1107	1107
2389	2389	2389	2393	2393	2480	2480	2480
415	415	415	422	422	509	509	509
2264	2264	2264	2418	2418	2418	2418	2418
_	_	2479	2619	2619	2619	2619	2619
1862	1862	1862	1992	1992	1992	1992	1992
3765	3765	3765	4150	4150	4150	4150	4150
930	930	930	930	930	930	930	930
7170	7170	8140	8655	8765	9130	10030	10650
-	-	-	-	+/- 450 mm	-	+/- 525 mm	+/- 675 mm

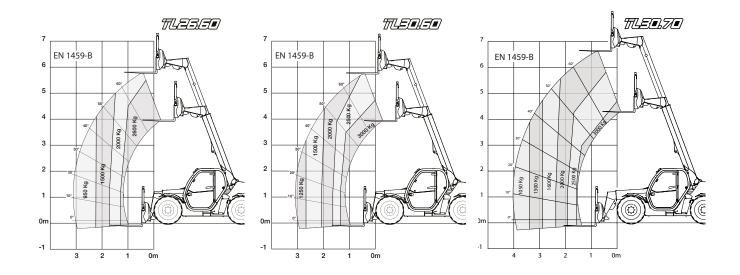
Hydrostatic motor with electronic regulation / 4-wheel drive

Electro-proportional with flow sharing

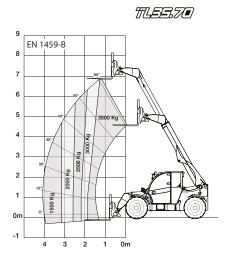
Hydraulic passive brake system with oil immersed discs and automatic parking brake operation Inching function combined with brake pedal (slow drive speed without changing engine RPM)

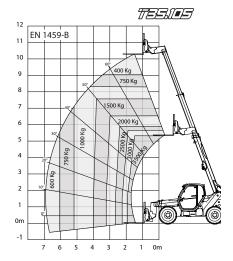
#### **ROUGH TERRAIN LOAD CHARTS**

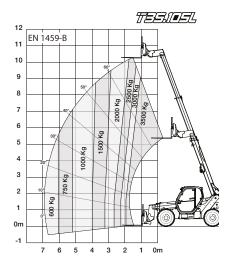
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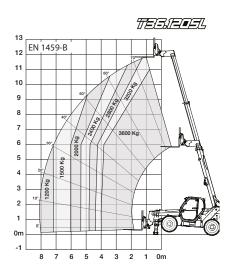


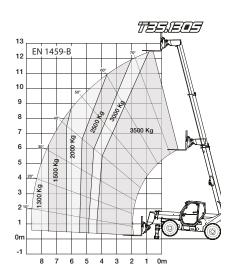


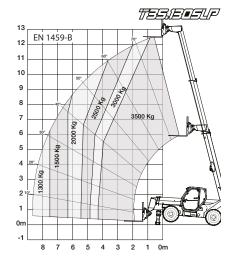


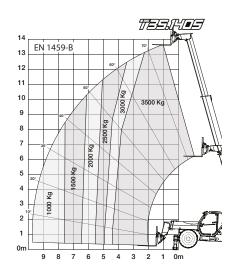


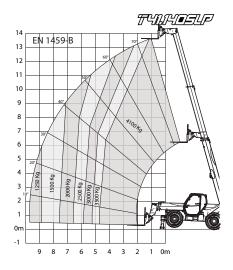


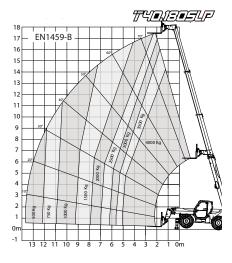






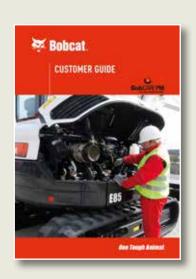






## AFTER MARKET - MAINTENANCE CONTRACT - FINANCING

Your compact equipment is essential to your business. As it completes difficult tasks on time and keeps your schedule moving forward, it generates maximum income. So, a solid maintenance plan can help you rest easy.





## BobCARE PM is Bobcat's factory-advised and scheduled inspection, service and maintenance program

- Reduces financial risks and safeguards your assets thanks to proper maintenance
- Increases your productivity
- Ask your dealer for the BobCARE PM customer guide.



#### Extended warranty at Protection Plus conditions

- Extends your sense of security by minimizing repair costs
- Assures full confidence in repair quality thanks to certified mechanics and Bobcat Genuine Spare Parts and materials

#### **Bobcat Financing Solutions**

Bobcat is dedicated to offering financial solutions to end-customers through attractive retail finance programmes. Its financing division, Doosan Bobcat Financial Solutions, is active in more than 25 countries and offers tailor-made retail finance solutions according to country-specific market requirements. For more details on these programmes, please contact your local Bobcat dealer.



#### **MAXIMISED UPTIME**

#### **Full supporting Bobcat service:**

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 ensure that you can keep working right through until the job is done. And maximum uptime doesn't just mean you can stay in the field longer, – it also protects your investment by contributing to a higher resale value.





#### The service you trust from the dealer you know

- You'll have total peace of mind thanks to Bobcat's skilled and extensive dealer network and regular technical training programme.
- Bobcat dealers offer an adapted maintenance contract.

#### **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.

#### STANDARD AND OPTIONAL EQUIPMENT

	TL26.60 TL30.60 TL30.70	TL35.70	T35.105 T35.105L	T36.120SL	T35.130S T35.130SLP	T35.140S	T41.140SLP T40.180SLP
FRONT SIDE							
Auxiliary hydraulic line on boom head with quick couplers and integrated pressure release system	•	•	•	•	•	•	•
Quicktach carriage with manual attachment lock		•	•	•			•
Quicktach carriage with hydraulic attachment lock							
Competitive carriage with manual or hydraulic attachment lock							
Floating forks with backrest	_	-					
Lifting eye on boom head (3 tons max)	_	-	-	-		•	•
Boom wiring harness and electric connectors							
Boom suspension			-	_	_	_	-
Work lights on boom							
Winch ready	_	-	-	-	-	-	
Man platform ready	_	-	-	-	-	-	
Remote control system with on-board charger	_	-					
Toolbox			-	-	-	-	-
CAB							
Full package of safety equipment: front tow hitch, boom stop (stage IV only) Aggravating Movement Arrester (EN15000), complete road & work lights (front & rear), rotating beacon, front and rear wipers with washer, roof window wiper (stage IV only), right and left side mirrors, inner rear mirror, back-up alarm and spirit levels (for machines with stabilizers)	•	•	•	•	•	•	•
Multifunctional joystick with proportional controls and forward/reverse drive							
Automatic parking brake							
Multifunction LCD screen							
Speed Management System (SMS) to adjust max drive speed whatever engine RPM							
Auxiliary Flow Management (AFM) to adjust and engage a continuous hydraulic flow							
ECO mode for lower engine fuel consumption (except Stage IIIA engines)							
ROPS / FOPS Cab with tainted glasses (Level II)							
LED road light pack			_	-	_	-	-
LED work light pack (x6)			-	-	-		-
Forward/Reverse control on steering wheel lever							
Forward/Reverse control on joystick & steering wheel			-	-	-	-	_
Protective grill for windshield (front and roof)							
High comfort air suspension seat							
Air conditioning							
Anti-theft ignition system with keypad							
ENGINE & TRANSMISSION							
Electronic Battery Disconnection (EBD)						•	
Built-in air cyclonic prefilter with automatic dust evacuation (except Stage IIIA engines)	-	-	•	-	-	-	•
Limited slip differential in front axle	_		-	-	-	_	_
High speed transmission 40 km/h (with 24" tyres)			-	-	-	_	_
Fan inverter with manual & auto modes							
Cyclonic air prefilter for Stage IIIA engines							

TYRES	APPLICATION							
400/80-20"	Multi-purpose	•	-	•		-	_	_
400/80-24"	Multi-purpose							
Michelin - 400/80-24" 162A8 IND TL POWER CL	Multi-purpose							
Dunlop - 405/70-20" SPT9 MPT	Semi-industrial				_	_	_	_
Dunlop - 405/70-24" SPT9 MPT	Semi-industrial						_	_
Nokian - 460/65R24" TRI STEEL	Severe / Recycling	_		-	_	_	_	_
Michelin - 460/70R24" BIBLOAD	Hard surface	_		-	_	_	_	_

standard

optional

not available

Other options available, please contact your Bobcat dealer to know more. \\



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