



# Bobcat®

## AGRICULTURAL TELESCOPIC LOADERS

# AGRI



### 3 YEAR WARRANTY



*One Tough Animal®*

# BOBCAT TELESCOPIC CENTER OF EXCELLENCE WITH MORE THAN 60 YEARS OF EXPERIENCE

All Bobcat telescopic loaders are designed and produced at our Center of Excellence in Pontchâteau, France. With more than 60 years of experience in creating material handling machines, this ISO 9001 certified factory applies the outstanding Bobcat Quality standards.



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\*



Celebrating 60 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).



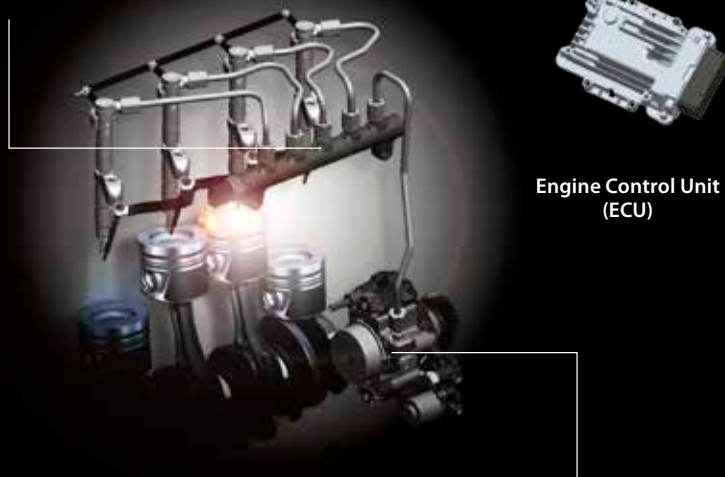
**Bobcat**

*One Tough Animal.*

**Partner in farming**

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

Common Rail



Engine Control Unit (ECU)



High Pressure Pump



Bobcat has designed its own Stage IV turbo-charged engines from Telescopic Loader 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:

- 60 years of Engine Group experience in engine development, combined with 60 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		HIGHLY REGULATED COUNTRIES			LESSER REGULATED COUNTRIES	
		BOBCAT D34 75 HP	BOBCAT D34 100 HP	BOBCAT D34 130 HP	PERKINS 1104D-44TA 100 HP	PERKINS 1104D-E44TA 130 HP
Emissions		Stage IIIB/Tier 4 Final	Stage IV/Tier 4 Final	Stage IV/Tier 4 Final	Stage IIIA/Tier 3	Stage IIIA/Tier 3
Rated power (ISO 14396)	kW (HP)	55.2 (75) @ 2400 rpm	74.5 (100) @ 2400 rpm	97 (130) @ 2400 rpm	74.5 (100) @ 2200 rpm	96.5 (130) @ 2200 rpm
Max torque	Nm	325 @ 1400 rpm	430 @ 1400 rpm	500 @ 1400 rpm	410 @ 1400 rpm	516 @ 1400 rpm
Fuel / Cooling		Diesel / Liquid				
Number of cylinders		4	4	4	4	4
Displacement	l	3.4	3.4	3.4	4.4	4.4
Fuel injection		Electronically controlled + High Pressure Common Rail			Mechanically controlled	Electronically controlled + High Pressure Common Rail
After-treatment system - Without Diesel Particulate Filter (DPF)	<b>DOC</b> Diesel Oxidation Catalyst	■	■	■	-	-
	<b>EGR</b> Exhaust Gas Recirculation	■	■	■	-	-
	<b>SCR &amp; AdBlue®</b> Selective Catalytic Reduction with AdBlue® injection	-	■	■	-	-

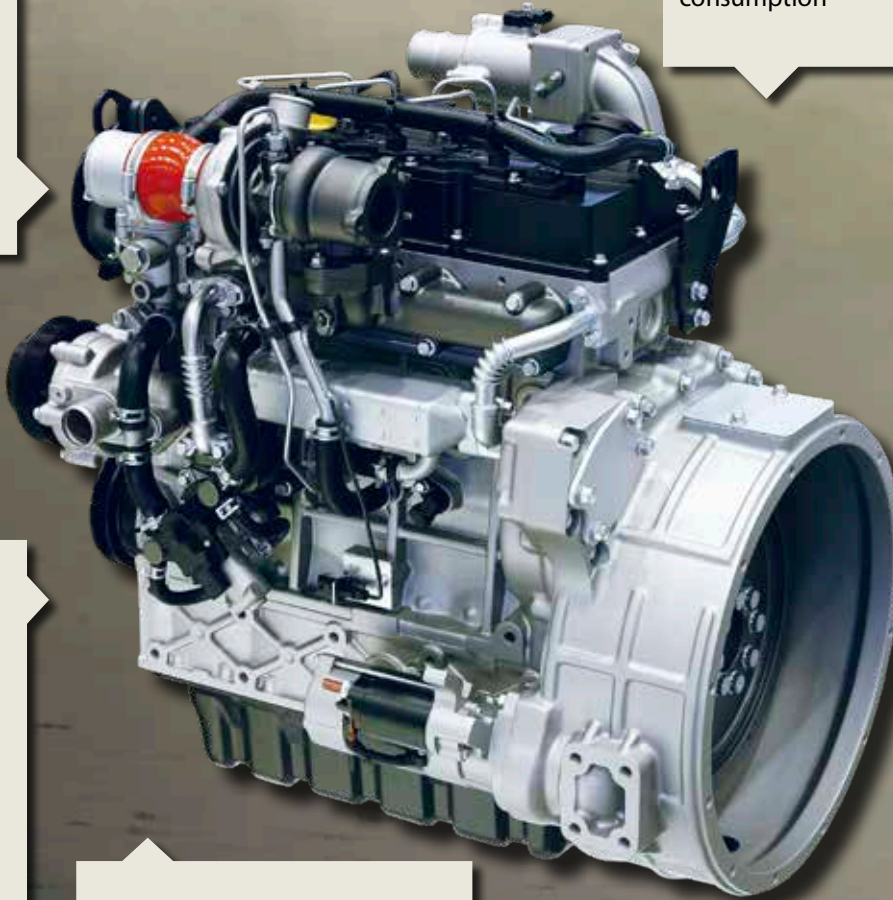
■ standard    - not available

**Mastered costs of ownership**

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

**Designed with latest technologies**

Turbo-charged air management + High Pressure Common Rail with electronic regulation = enhanced performance and lower fuel consumption



**Field proven**

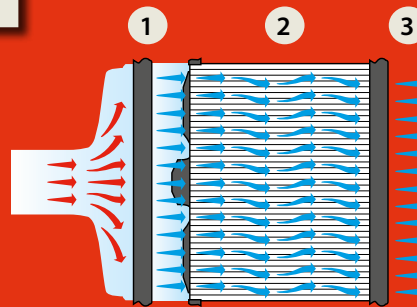
Already several tens of thousands of units being used with high customer satisfaction

**High power output** and high low-end torque

**Patented Ultra Low Particle 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:

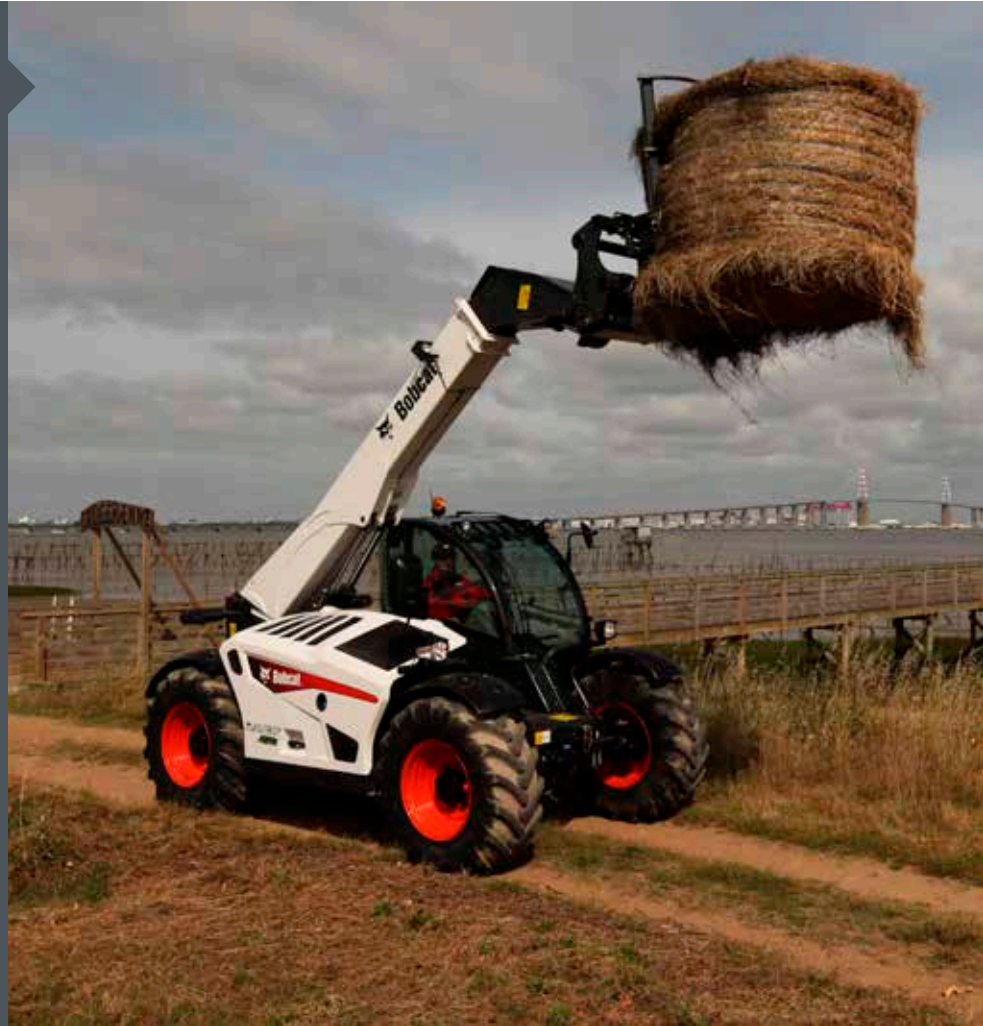
- 3-step filtration
- Pre-cleaners (1) which remove up to 95% of dust before reaching filters
- Easy access & filter replacement
- Straight air flow path allowing filter media to be packaged in a smaller space efficient profile with easier serviceability



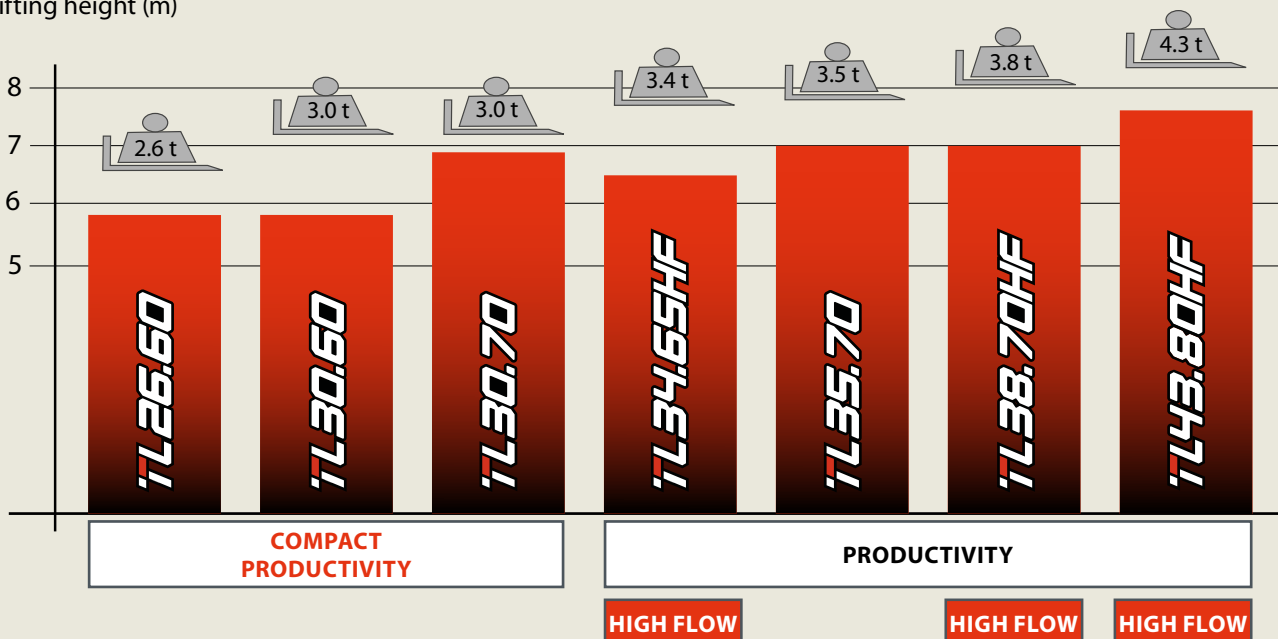
# BOBCAT TELESCOPIC LOADERS: YOUR PROFESSIONAL PARTNER IN FARMING

## Telescopic Loaders designed around you

Bobcat has more than 60 years of experience in designing top-class compact equipment. Bobcat Telescopic Loaders are designed to excel in the most demanding 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.



Lifting height (m)



Max. lift capacity (ton)

# COMPACT PRODUCTIVITY



**TL30.60**



**TL30.70**



## Compact as you wish

- Narrow frame 2.10 m
- Low or high cab position
- 20" or 24" tyres
- 4 overall heights

**TL26.60**

20" tyres / Low Cab: 2.10 m    24" tyres / Low Cab: 2.18 m

20" tyres / High Cab: 2.25 m    24" tyres / High Cab: 2.33 m





## HIGH PRODUCTIVITY

### A real concentration of Bobcat technology

- Flow sharing gives combined movements
- Power lift gives fast movements
- Load Sensing pump gives low rpm efficiency

# TL34.65HF

# TL35.70



Powerful 100 hp or  
130 hp DPF-free engine

Box-welded frame



# TL38.70HF

Patented asymmetric cab  
with pillarless rear window

HydroVario Continuous transmission  
with Loading & Handling modes



**NEW**

# TL43.80HF

**The ultimate Bobcat Telescopic loader**

- 4300 kg lift capacity
- Almost 8 m lift height
- Performance & Productivity at best
- Still compact and hyper maneuverable



**Up to 3500 l  
Light material bucket**

**Z-bar kinematic  
152° tilting range  
7 tons break out force**



# GREATER PRODUCTIVITY

## Power Lift - efficient lifting technology

Bobcat patented system increasing lift capacity and maintaining high speed boom movements.



## HF

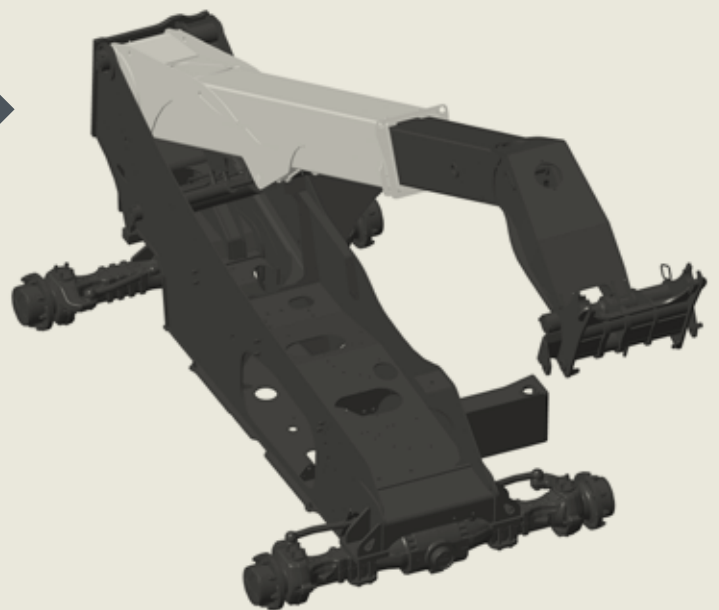
High Flow technology gives you the extra power you need to get the most demanding jobs done, thanks to best-in-class boom cycle times. You can raise productivity even with low engine rpm: the Load Sensing pump supplies 190 l/min at 255 bars (150 l/min for the auxiliary line).

When all hydraulic functions are used simultaneously, the Quick-start and flow-sharing systems supply the full oil output immediately for optimum productivity.

## Shielded design

Box welded frame to meet heavy load cycles, with bottom plate along the entire length to protect vital parts.

High tensile steel boom and submerged-arc welding for optimal resistance. Over-large boom head withstands heavy loading jobs.





**TL26.60** **TL30.60**  
**TL30.70**

**TL34.65HF** **TL35.70**  
**TL38.70HF** **TL43.80HF**

### Heavy-duty hydrostatic transmission

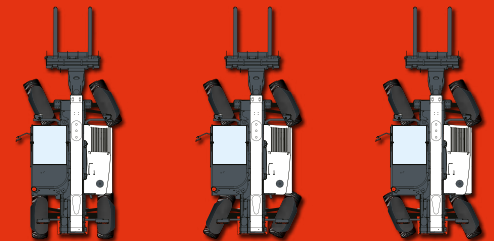
Delivers power quickly, when you need it, with high wheel torque for digging and pushing. Operation is safe and easy, with many additional features to help you get the job done efficiently:

- Smoothest 0-40 km/h stepless driving experience
- Two speed ranges with shift-on-the-fly on compact productivity models
- Two working modes adapted to your job: Loading mode gives the full traction force, Handling mode provides the smoothest drive and full speed (TL34.65HF, TL35.70, TL38.70HF, TL43.80HF)
- Inching function allows smooth speed reduction at full engine rpm
- Speed Management System (SMS) to keep up the revs when you have to move slowly



### 3 steering modes

- 2-wheel steering
- 4-wheel steering
- Crab-steering



### Semi-automatic wheel realignment

Provides automated assistance to the operator ensuring the wheels are always aligned when changing between the 3 steering modes.



# GREATER EFFICIENCY

## **Boom Suspension System (BSS)**

More comfort and increased load retention when driving fast or on uneven ground, with or without a load. You can work longer with less fatigue and greater productivity.



## **Auto fan inverter & variable rotating fan**

For efficient cleaning of radiators and air intake grill, this system reverses the air-flow according to the cycle you set on the display and, whenever you need to, you can still activate it by simply pushing a button.

Variable rotating fan adjusts its speed according to the cooling need – for less noise and optimized fuel consumption.



## **Speed Management System (SMS)**

Keep up the revs when you have to move slowly! With the Bobcat Speed Management System (SMS), you can adjust your travel speed independently of your engine speed.

Set your engine speed to the optimal setting for the attachment you are operating, then dial in your desired travel speed. It's especially helpful when operating attachments that require a slow and constant travel speed while maintaining high engine speeds.



### Boom cushion

Handling loads can be tricky, even for experienced operators. For your comfort and safety, Bobcat helps you with a boom cushion system that allows a smoother motion when the boom is close to min and max angles, or close to full retraction.

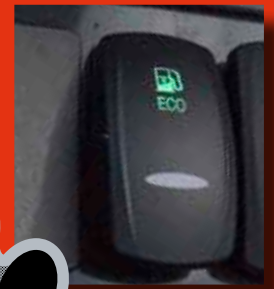
### Smart Handling System (SHS)

A unique system to combine productivity and precision. You set the Boom speeds (lifting, telescoping, tilting) to adapt the machine to your work. Ideal feature when high engine power and precise boom motions are required.



### ECO mode

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



### Bobcat built-in auxiliary line & Fast Connect System (FCS)

Hydraulic quick couplers with integrated pressure-release system, drain line and electric socket are conveniently mounted on the boom head and well protected.

### Auxiliary Flow Management (AFM)

Operator can easily adjust the hydraulic flow from the joystick and engage the continuous flow (if required).

# UNRIVALLED DRIVE EXPERIENCE

## Welcome on board!

Simplicity and intuitiveness are the watchwords when we design Bobcat Telescopic Loaders, which is why they have gained such a great reputation as user-friendly and efficient machines. One step access to the spacious cab, comfortable seat, panoramic visibility, intuitive multifunctional joystick - ergonomic controls are well-identified, backlit and positioned logically.

### High-comfort air-suspension seat

Dual suspension and low frequency air seat allows the operator to stay comfortable during a long day's work, whatever the ground conditions.



### Panoramic vision

By ensuring that operators are always fully aware of their surroundings, our panoramic cab design and low profile engine hood promote much smoother working processes, higher productivity and greater safety.

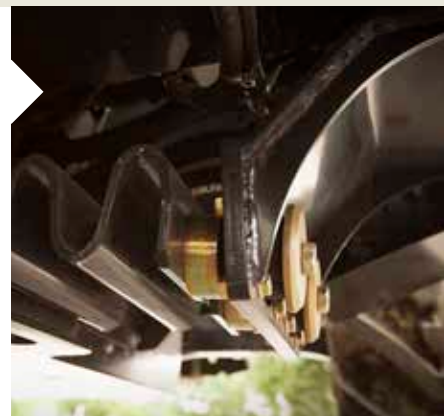
### Automatic parking brake

Enhanced safety & operator convenience in everyday operations. Activation when engine is off or at low idle with speed unengaged. Think only about important things: your work!



### Cab Suspension

Z Link shock absorber enhanced drive comfort. Feature available on TL26.60, TL30.60 & TL30.70





### Multi-functional joystick

Perfect control positions on the joystick, everything is under control while you keep your eyes on your work.



1. Boom Suspension / Floating System
2. Boom in/out
3. Settings (SMS, SHS, AFM)
4. Front / Neutral / Reverse
5. Auxiliary hydraulic line



### User-friendly electronic dashboard

Engine or job hours, vehicle or engine speed, boom angle, speed management, auxiliary hydraulic flow setting, permanent flow, and more...  
At the touch of a button, you have a clear, easy-to-read overview of all operating parameters.





# OPTIMUM TOWING SOLUTION



	FIXED TOW HITCH		ROTATING TOW HITCH		ROTATING TOW HITCH WITH HEIGHT ADJUSTMENT		HYDRAULIC PICK-UP TOW HITCH	
	Max towable mass (may change according to country legislation)							
	without trailer brake	without trailer brake	with trailer brake	without trailer brake	with trailer brake	without trailer brake	with trailer brake	
TL26.60 TL30.60 TL30.70	3.5 t	3.5 t	17.0 t	3.5 t	17.0 t	3.5 t	17.0 t	
TL34.65HF TL35.70 TL38.70HF TL43.80HF	3.5 t	3.5 t	19.0 t	3.5 t	19.0 t	3.5 t	19.0 t	



Fixed tow hitch



Rotating tow hitch



Rotating tow hitch with height adjustment



Hydraulic pick-up tow hitch

# TECHNICAL SPECIFICATIONS

	UNIT	TL26.60	TL30.60	TL30.70	TL34.65HF	TL35.70	TL38.70HF	TL43.80HF
<b>PERFORMANCE</b>								
Maximum lift capacity	kg	2600	3000	3000	3400	3500	3800	4300
Maximum lift height (20"/24" tyres)	mm	5800 / 5890	5800 / 5890	6670 / 6750	6331 / 6415	6889 / 6975	6889 / 6975	7505
Maximum forward reach (20"/24" tyres)	mm	3100 / 3010	3100 / 3010	4020 / 3933	3365 / 3282	4002 / 3915	4002 / 3915	4022
Crowding force	daN	4600	4600	4600	6200	6200	6200	7000
<b>WEIGHTS</b>								
Weight (unladen)	kg	5020	5440	5920	6500	7275	7385	8040
<b>ENGINE</b>								
BOBCAT D34 - 75 HP - Stage IIIB/Tier 4 Final		■	■	■	-	-	-	-
BOBCAT D34 - 100 HP - Stage IV/Tier 4 Final		■	■	■	-	■	-	-
BOBCAT D34 - 130 HP - Stage IV/Tier 4 Final		-	-	-	■	-	■	■
PERKINS 1104D-44TA - 100 HP - Stage IIIA/Tier 3		■	■	■	-	■	-	-
PERKINS 1104D-E44TA - 130 HP - Stage IIIA/Tier 3		-	-	-	-	-	■	■
<b>DIMENSIONS</b>								
Standard tyres (AGRI version)		405/70-20 (400/70 R20 Alliance)	405/70-20 (400/70 R20 Alliance)	405/70-20 (400/70 R20 Alliance)	405/70-20 (460/70 R24 Alliance)	405/70-20 (460/70 R24 Alliance)	405/70-20 (460/70 R24 Alliance)	400/80-24 (460/70 R24 Alliance)
Overall width	mm	2100	2100	2100	2300	2300	2300	2300
Overall length to forks face	mm	4507	4507	5056	4669	4869	4869	4975
Overall height	mm	Low Cab: 2100(20") / 2184(24")  High Cab: 2250(20") / 2334(24")	Low Cab: 2100(20") / 2184(24")  High Cab: 2250(20") / 2334(24")	Low Cab: 2100(20") / 2184(24")  High Cab: 2250(20") / 2334(24")	2290(20") / 2374(24")	2290(20") / 2374(24")	2290(20") / 2374(24")	2374(24")
Ground clearance	mm	264(20") / 348(24")	264(20") / 348(24")	264(20") / 348(24")	346(20") / 430(24")	346(20") / 430(24")	346(20") / 430(24")	430(24")
Wheelbase	mm	2820	2820	2820	2870	2870	2870	2870
External turning radius (at tyres)	mm	3717(20") / 3875(24")	3717(20") / 3875(24")	3717(20") / 3875(24")	3714	3714	3714	3714
Internal turning radius (at cab)	mm	1329(20") / 1503(24")	1329(20") / 1503(24")	1329(20") / 1503(24")	1092	1092	1092	1092

■ standard  
- not available



	UNIT	TL26.60	TL30.60	TL30.70	TL34.65HF	TL35.70	TL38.70HF	TL43.80HF
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## DRIVE SYSTEM

Transmission		Hydrostatic with electronic regulation / 4 wheel drive						
Main drive		Hydrostatic motor			Hydrostatic motor + 2 speed gearbox			
Number of speeds		2	2	2	4	4	4	4
Max speed Low range with 24" tyres	km/h	10	10	10	10	10	10	10
Max speed High range with 24" tyres* (option and AGRI version)	km/h	30 (40)	30 (40)	30 (40)	30 (40)	30 (40)	30 (40)	30 (40)

## STEERING SYSTEM

Steering modes		3 steering modes with semi-automatic wheel realignment: 2 wheel steering / 4 wheel steering / Crab-steer						
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## HYDRAULIC SYSTEM

Pump type		Gear pump with LS valve			Load sensing pump	Gear pump with LS valve	Load sensing pump	
Distributor		Electro-proportional with flow sharing						
Pump capacity (with 75 HP engine when available)	l/min	100 (80)	100 (80)	100 (80)	190	100	190	190
Working pressure	bar	250	250	250	255	255	255	255

## BRAKING SYSTEM

Service brake		Oil-immersed discs						
Parking and emergency brake		Passive brake with automatic activation						

	UNIT	TL26.60 / TL30.60 / TL30.70	TL34.65HF	TL35.70	TL38.70HF	TL43.80HF
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## ENGINE

Rated power	kW (HP)	55.2 (75)	74.5 (100)	97 (130)	74.5 (100)	97 (130)	97 (130)
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## HYDRAULIC

Pump capacity	l/min	80	100	190	100	190	190
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## BOOM CYCLE TIMES

Boom raising	s	6	5.3	4.9	8	4.9	6.5
Boom Lowering	s	4.2	4	4.3	6	4.3	5
Boom Extension	s	5.8 / 7.4**	5 / 6.3**	3.8	7.1	4.7	4.3
Boom retraction	s	3.3 / 4.2**	3.6 / 4.2**	3.7	6.5	4.8	5
Crowding	s	2.8	2.5	2.3	3	2.3	2.3
Dumping	s	2.4	2.4	2.5	2.7	2.5	2

\* models available in 55.2 kW / 75 HP, speed reduced by 5 km/h

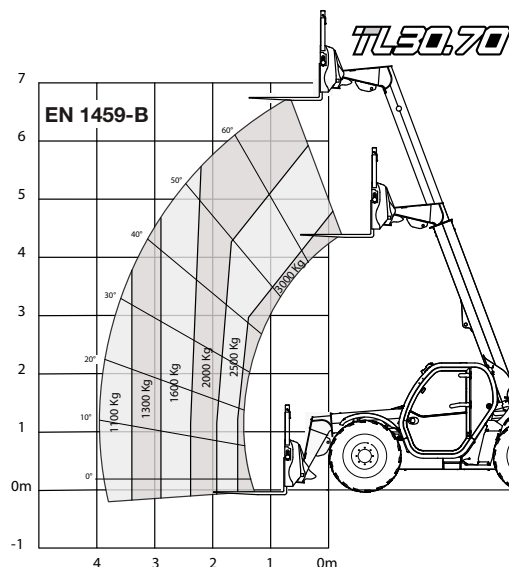
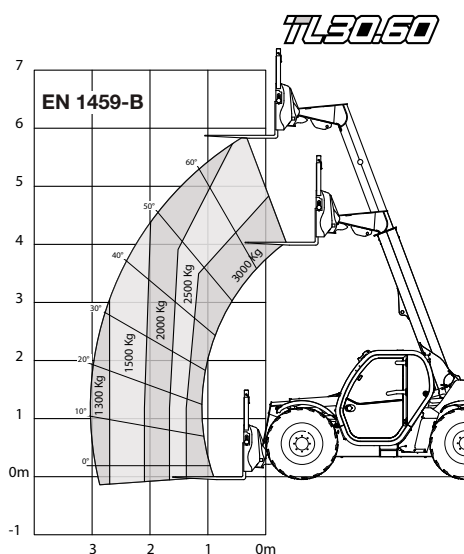
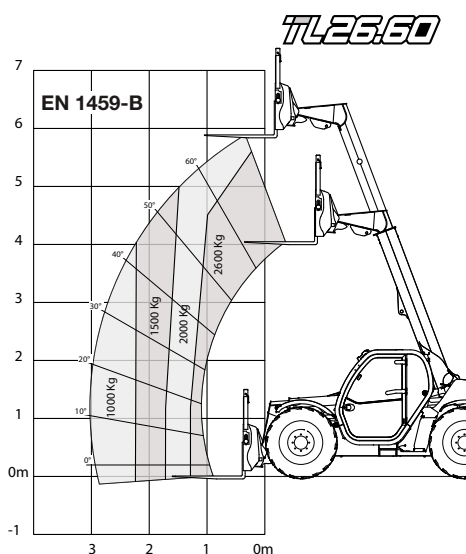
\*\* values only for TL30.70

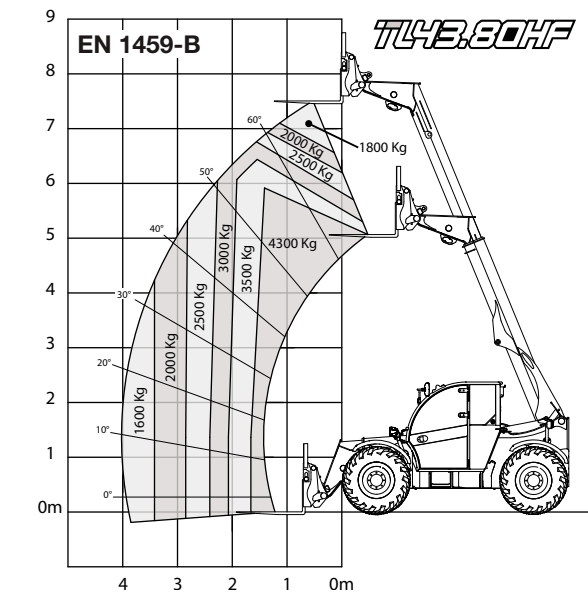
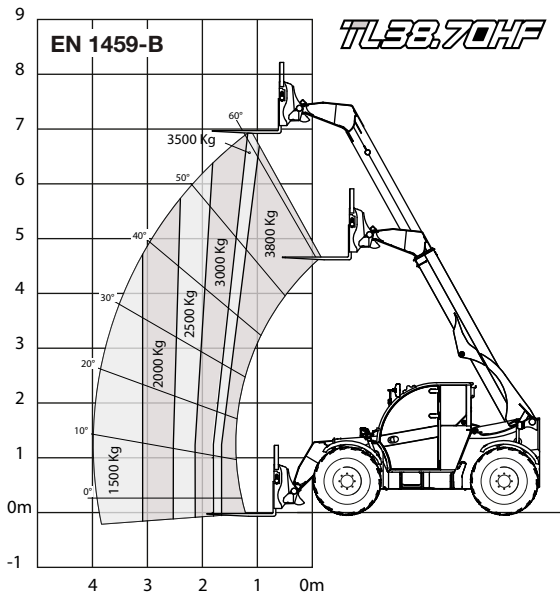
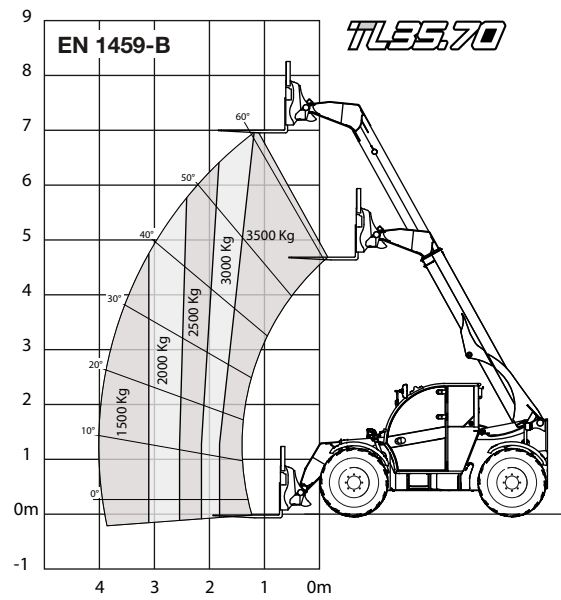
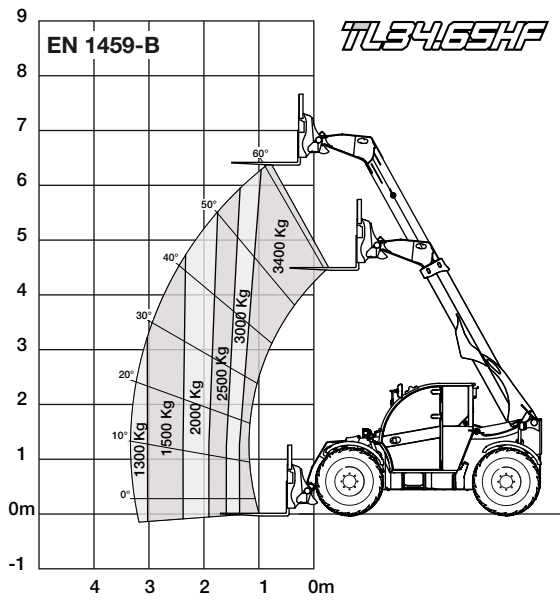


# ROUGH TERRAIN LOAD CHARTS

(COMPLIANT WITH EN1459-B)

Machine with forks  
and 24" tyres





# OUR MANUFACTURER KNOW-HOW IS YOUR ADVANTAGE!

## 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.

## BobCARE PM

BobCARE PM is an efficient preventive maintenance programme for enhanced run time. Ask your dealer for the BobCARE PM customer guide.



## BobcatVision

BobcatVision is a synthesis tool that allows you to properly manage your Bobcat machines and your service team. This is the 21st century way to manage fleets of machines and services: protect against theft, manage fleets, reduce cost, increase sales revenue, optimise service, improve control, increase customer satisfaction and support maintenance contracts.



# 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 a maintenance contract adapted to your needs.

## 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	TL30.60 AGRI TL30.70 AGRI	TL34.65HF TL35.70 TL38.70HF TL43.80HF	TL34.65HF AGRI TL35.70 AGRI TL38.70HF AGRI TL43.80HF AGRI**
<b>FRONT SIDE</b>				
Quick-Tach carriage with manual attachment lock	■	■	■	■
Auxiliary hydraulic line with quick couplers and Fast Connect System (FCS)	■	■	■	■
Boom cushion	■	■	■	■
Boom wiring harness and controls in cab	□	■	□	■
Work lights on boom (x2)	□	■	□	■
Front tow hitch	■	■	■	■
Quick-Tach carriage with hydraulic attachment lock	□	□	□	□
Competitive carriage with manual or hydraulic attachment lock	□	□	□	□
<b>CAB</b>				
ROPS / FOPS Cab with tinted glass	■	■	■	■
Full pack of safety equipment: Aggravating Movement Arrester (EN15000), road lights, rotating beacon, front and rear wipers with washer, right and left side mirrors, inner rear mirror, back-up alarm	■	■	■	■
Work lights on top of the cabin (2 front + 1 rear) and right rear corner of the machine (x1)	■*	■	■*	■
Multifunctional joystick with proportional controls and forward/reverse drive	■	■	■	■
Automatic parking brake	■	■	■	■
3 steering modes with semi-automatic wheel realignment	■	■	■	■
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)	■	■	■	■
Roof window wiper	■*	■	■*	■
Sun visor	□	■	□	■
Loudspeaker ready	□	■	□	■
Automatic fan inverter	□	■	□	■
Suspension seat	■	-	■	-
High comfort air suspension seat	□	■	□	■
Boom Suspension System (BSS)	□	□	□	□
Air conditioning	□	□	□	□
Anti-theft ignition system with keypad	□	□	□	□
Protective grill for windshield	□	□	□	□
LED road light pack	□	□	□	□
LED work light pack (x6)	□	□	□	□
<b>ENGINE &amp; TRANSMISSION</b>				
Electronic Battery Disconnection (EBD)	■	■	■	■
Built-in cyclonic air prefilter (Bobcat Stage IV engine)	■	■	■	■
Cyclonic air prefilter (Perkins Stage IIIA engine)	□	■	□	■
High speed transmission 40 km/h (with 24" tyres)	□	■	□	■
Limited slip differential in front axle	-	-	■	■
European tractor homologation	-	-	□	■
<b>REAR SIDE</b>				
White sound back up alarm	□	■	□	■
Rear mirror (visibility on tow hitch)	□	■	□	■
Rear electric socket	□	■	□	■
Rotating tow hitch	□	■	□	■
Trailer brake valve	□	□	□	□
Support for registration plate	□	■	□	■
Rear hydraulic auxiliary line (double action)	□	□	□	□
<b>TYRES</b>				
405/70-20	Multi-purpose	■	-	■
400/80-24	Multi-purpose	□	-	□
Michelin - 400/80-24 POWER CL	Multi-purpose	□	-	□
Alliance - 400/70 R20 580	Agriculture	□	■	-
Alliance - 405/70 R24 580	Agriculture	□	□	-
Alliance - 460/70 R24 580	Agriculture	-	-	■
Michelin - 400/70 R20 XMCL	Agriculture	□	□	-
Michelin - 400/70 R24 XMCL	Agriculture	□	□	-
Michelin - 460/70 R24 XMCL	Agriculture	-	-	□
Michelin - 500/70 R24 XMCL	Agriculture	-	-	□
Dunlop - 405/70-20 SPT9 MPT	Semi-industrial	□	-	□
Dunlop - 405/70-24 SPT9 MPT	Semi-industrial	□	-	□
Nokian - 460/65 R24 TRI STEEL	Severe/recycling	-	-	□

- standard
- optional
- not available

- \* standard equipment only on Stage IV models
- \*\* equipment related to TL43.80HF AGRI 2 stars

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



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