

Range of Telescopic Loaders for Agriculture

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Backed by a three year warranty as standard, a range of telescopic loaders has been launched by Bobcat for the agricultural industry.

Manufactured at the company's plant at Pontchâteau (Loire Atlantique) in France, Bobcat now offers a choice of new telescopic loader models for the farming market covering maximum lifting capacities between 2.6 and 3.8 t with lifting heights from 6 to 7 m.

They are designated using a new naming system showing lifting capacity/lifting height performance at a glance:

TL26.60 and TL30.60 Compact productivity models

TL35.70, TL34.65HF and TL38.70HF Productivity and High Flow models (TL34.65HF is not sold in countries with lesser regulated emission standards)

The majority of the models are also available as AGRI versions, with a number of additional features providing higher comfort and productivity to meet most farming requirements.

For markets in Europe, where emissions are highly regulated, high performance is ensured by a Bobcat D34 Stage IV/Tier 4 final compliant diesel engine developed in-house.

For lesser regulated markets, the telescopic loaders are available with Perkins 1104D-44TA or 1104D-E44TA Stage IIIA/Tier 3 diesel engines.

The Bobcat D34 Stage IV Engine

The Bobcat D34 Stage IV engine has been developed and manufactured internally specifically for use in the company's generation Stage IV telescopic loaders for highly regulated markets in EMEA. This has resulted in optimised performance throughout the range. The compactness of the D34 engine and a new styled low profile engine hood improve visibility on the engine side.

The Stage IV engine offers enhanced performance and is available in three different sizes:

- A 55.2 kW (75 HP)/325 Nm engine model offering cost efficient operation, without Diesel Engine Fluid (DEF) injection and involving only a Diesel Oxidation Catalyst (DOC) as an after-treatment technology.
- A 74.5 kW (100 HP)/430 Nm engine model for heavy operations, with DOC and Selective Catalytic Reduction (SCR) with DEF injection after-treatment technologies.
- A 97 kW (130 HP)/500 Nm unit utilising DOC and SCR with DEF injection after-treatment technologies, for tough applications requiring more power.

All of these engines share the same electronic fuel injection, High Pressure Common Rail technology, turbo-charged air management and Cooled Exhaust Gas Recirculation for lower emissions and do not require the use of Diesel Particulate Filter (DPF) technology.

Improved Performance and Brand New TL34.65HF

The **TL34.65HF** is a high productivity model providing a maximum lift capacity of 3.4 tonne at the maximum lift height of 6.42 m.

HF/High Flow Technology, also available on the TL38.70HF model, offers outstanding hydraulic capabilities and performance with a class-leading 190 l/min load sensing pump (150 l/min at the auxiliary line) and flow sharing distributor.

This allows the operator to work at significantly lower speeds, consume less fuel and benefit from remarkably shorter working cycles. To prevent unnecessary oil heating and power loss, the load sensing pump supplies oil only when hydraulic power is required. If required, the full oil volume is available immediately, thanks to the Quick start system.

Other important performance aspects of the range include:

On the **TL26.60** and TL30.60, these are available with two different overall machine heights with a cab which can be mounted in two different ways – in a low position that results in the very low 2.1 m height or a higher position to optimise visibility.

On the **TL35.70**, replacing the TL470, there is an improved load chart providing an additional 500 kg (3500 kg) of lifting capacity at the maximum lifting height (6.97 m).

On the **TL38.70HF**, replacing the TL470HF, there is an improved load chart providing a 300 kg increase from 3.5 to 3.8 tonne in the rated lifting capacity.

New Features

All the models offer new features providing higher comfort and productivity:

- Power lift, an efficient lifting technology that optimises the use of hydraulic flows between telescopic boom cylinders to increase the lifting capacity.
- Automatic Parking brake for enhanced safety and operator convenience.
- Automatic Fan inverter, whereby a cycle time can be set for cleaning radiators and the air intake grill; a simple way to maintain efficient cooling.
- Boom Cushion Retract that automatically slows down the boom speed when the boom is nearly fully retracted or at min/max angles, increasing safety and operator confidence.
- High Comfort Air Suspension Seat, including longitudinal and low frequency suspensions. Many adjustments are available to allow the operator to find the most comfortable drive position.
- There are also a number of tried and tested smart operating features still offered as standard:
- SMS (Speed Management System), which allows the travel speed to be adjusted independently of the engine speed.
- SHS (Smart Handling System), which allows the speed of the boom movements (lifting, telescoping and tilting) to be adjusted, depending on the type of work being carried out.
- AFM (Auxiliary Flow Management), which allows the hydraulic output to be adjusted to match attachment requirements and to set a continuous flow.
- FCS (Fast Connect System), which provides quick and easy interchange of hydraulic attachments via an integrated pressure-release system.

Another standard feature is the ECO mode which maintains optimum hydraulic performance without using the engine's full power, adjusting the main machine features to produce a balance between top performance and providing the best performance/fuel consumption ratio.

Source: Doosan Bobcat EMEA PR / Media Representative

Bobcat TL34.65HF 130 IV On LECTURA Specs

Bobcat TL26.60 Low Cab 75 IIIB On LECTURA Specs

Bobcat TL38.70HF 130 IV On LECTURA Specs