

Telescopic loaders updated for 2017

## Transmission and hydraulic revisions for 120hp Case IH Farmlift models improve driveline performance

*New torque converter design creates more efficient power transmission and improves traction in tough conditions / Transmission upgrade enhanced by new crown wheel and pinion design on both front and rear axles to ensure robust power transfer to wheels / Switch to pressure flow compensating (PFC) hydraulic pump improves power efficiency*

St. Valentin, 21 March 2017

Case IH has upgraded the 120hp four-speed powershift models in its Farmlift range of telescopic loaders, with a series of performance upgrades designed to enhance both hydraulic and pulling performance. The enhanced specifications apply to the 632 (max lift height/max lift capacity 6.1 m/3.2t), 735 (7.0m/3.5t) and 935 (9.1m/3.5t) models with 4F/3R powershift transmission.

The three machines now benefit from a more efficient torque converter design that allows greater use to be made of maximum engine output, and has increased their pulling power. A new lower-geared crown wheel and pinion design has been incorporated into both front and rear axles on the revised models, to improve power transfer to the wheels and help increase acceleration speeds. The upgrade is aimed particularly at improving performance in operations involving climbing and pushing, such as muck, silage and grain work.

The Farmlift 632, 735 and 935 models now also feature a new closed-centre load-sensing hydraulic pump. With oil pumped only on demand, power wastage is reduced and hydraulic performance is improved. Maximum flow rate is 140 litres/minute, for faster response times and quicker cycling during repetitive operations.

The new specification improves pulling power by as much as 30% in specific applications. Meanwhile, the Farmlift 735 model benefits from a further upgrade, with the hydraulic ram on the headstock having been redesigned to provide improved crowd and dump actions for full bucket loading and emptying.

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